IDENTIFICATION & CLASSIFICATION

of the

TRIBUTARY DISCHARGES

to

PERIPHERAL DITCH

Newark International Airport
Newark, New Jersey

June 1995

Prepared For:

THE PORT AUTHORITY OF NY & NJ
One World Trade Center
New York, New York

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Newark Bay Study Area
NBSA-00056

TABLE 1

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL INVENTORY

No.	Facility Name	Facility Street Address	Business Activity SIC Code	Sewer District	Average Daily Flow (MGD)	Permit Requirements	Permit Limitations			
							4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l
1	Krementz & Company[1]	375 McCarter Highway Newark, NJ 07114	Jewelry Mfg. 3915	Wheeler	0.009	TTO	--	--	--	2.13
						Cd	--	--	0.26	0.69
						Cr	--	--	1.71	2.77
						Cu	--	--	2.07	3.38
						Pb	--	--	0.43	0.69
						Ni	--	--	2.38	3.98
						Ag	--	--	0.24	0.43
						Zn	--	--	1.48	2.61
						CN(T)	--	--	0.65	1.20
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
2	Globe Metal Finishing, Inc.[1]	8 Avenue B Newark, NJ 07114	Electroplating 3471	Adams	0.009	Cd	0.7	--	--	1.2
						Pb	0.4	--	--	0.6
						CN	2.7	--	--	5.0
						TTO	--	--	--	4.57
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
3	Stirrup Metal Products Corp.[1]	215 Emmet Street Newark, NJ 07114	Air Valves 3469	Adams	0.002	Cd	0.7	--	--	1.2
						Pb	0.4	--	--	0.6
						CN	2.7	--	--	5.0
						TTO	--	--	--	4.57
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5

(1) DMRs from 01/90 to 12/94 reviewed by Killam.
(2) PVSC files on this facility are under legal review. DMRs were unavailable for review by Killam.

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PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL INVENTORY
(continued)

No.	Facility Name	Facility Street Address	Business Activity SIC Code	Sewer District	Average Daily Flow (MGD)	Permit Requirements	Permit Limitations 4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l
4	Cookson Pigments, Inc.[2]	256 Vanderpool Street Newark, NJ 07114	Aqueous Mfg. of Color Pigments - 2815	Adams	0.984	VOC[1]	--	--	--	--
						Cu	--	2.07	--	3.38
						Cr	--	1.2	--	2.9
						PB	--	1.4	--	3.4
						Zn	--	1.2	--	2.9
						Mo	--	0.2	--	0.8
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
5	Polarome Manufacturing Company, Inc.[2]	361 South Street Newark, NJ 07105	Organic Chemicals Mfg. 2087	Adams	0.05	VOC[1]	--	--	--	--
						CN	--	--	0.420	1.200
						Pb	--	--	0.320	0.690
						Zn[1]	--	--	1.050	2.610
						Phthalates[1]	--	--	--	--
						PAH Compounds[1]	--	--	--	--
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
6	General Color Company[2]	24-26 Avenue B Newark, NJ 07114	Insoluable Organic Pigments 2816	Adams	0.006	Cd	--	0.28	--	0.84
						Se	--	0.40	--	1.1
						Zn	--	0.10	--	0.18
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
7	Dreher Leather Mfg.[1]	49 Vessey Street Newark, NJ 07105	Leather Tanning 3111	Adams	0.056	Sulfide	--	--	--	24.0
						Cr(T)	--	--	8.0	12.0
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5

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PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL INVENTORY
(continued)

No.	Facility Name	Facility Street Address	Business Activity SIC Code	Sewer District	Average Daily Flow (MGD)	Permit Requirements	Permit Limitations			
							4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l
8	Chelsea Catering Div. Continen.	Bldg 330 Public Service Road Newark, NJ 07114	Airline Caterer 5812	Waverly	0.091	Oil and Grease	--	--	--	--
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
9	Shofar Kosher Foods, Inc.	124 Malvern Street Newark, NJ 07105	Manufactures Kosher Foods 2011	Adams	0.017	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
10	Steel Craft Fluorescent Company[1]	191 Murray Street Newark, NJ 07114	Metal Finisher 3646	Adams	0.01	TTO	--	--	--	--
						Cd	--	0.26	--	0.69
						Cr	--	1.71	--	2.77
						Cu	--	2.07	--	3.38
						Pb	--	0.43	--	0.69
						Ni	--	2.38	--	3.98
						Ag	--	0.24	--	0.43
						Zn	--	1.48	--	2.61
						CN(T)	--	0.65	--	1.20
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
11	Chase Laboratories, Inc.[1]	280 Chestnut Street Newark, NJ 07105	Mfg. Vitamins & Food Supplements - 2834	Adams	0.113	CN	--	9.4	--	33.5
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
12	Hanovia	100 Chestnut Street Newark, NJ 07105	Ultraviolet Lamps & Equipment - 3699	Adams	0.03	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
13	Anheuser Busch Inc.	200 U.S. Highway No. 1 Newark, NJ 07101	Beer 2082	Waverly	3.618	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
14	Ruggiero Seafood, Inc.	146-162 Pennington Street Newark, NJ 07105	Process Seafood 5142	Adams	0.043	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5

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TABLE 1

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL INVENTORY
(continued)

No.	Facility Name	Facility Street Address	Business Activity SIC Code	Sewer District	Average Daily Flow (MGD)	Permit Requirements	Permit Limitations			
							4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l
15	Saint James Hospital	155 Jefferson Street Newark, NJ 07105	Hospital 8062	Adams	0.04	BOD TSS pH	-- -- --	-- -- --	-- -- --	-- -- 5 - 10.5
16	Sky Chefs	Brewster Road - Bldg. 95 Newark, NJ 07114	Food - Airline Meals 5812	Waverly	0.017	BOD TSS pH	-- -- --	-- -- --	-- -- --	-- -- 5 - 10.5
17	Craig Adhesives Company[1]	488 Mulberry Street Newark, NJ 07105	Adhesives Manufacturing 2891	Adams	0.001	TPHC BOD TSS pH	-- -- -- --	-- -- -- --	-- -- -- --	100 -- -- 5 - 10.5
18	John L. Armitage & Company	189 South Street Newark, NJ 07105	Groundwater Discharge 2851	Adams	0	No Discharge	--	--	--	--
19	Best Plating & Polishing Company[2]	443 South Tenth Street Newark, NJ 07103	Plating 3471	Peddie	0.005	Cd Pb CN TTO BOD TSS pH	0.7 0.4 2.7 -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	1.2 0.6 5.0 4.57 -- -- 5 - 10.5
20	Mara Polishing & Plating[1]	105 West Peddie Street Newark, NJ 07112	Electroplating 3471	Peddie	0.004	Cd Pb CN TTO BOD TSS pH	0.7 0.4 2.7 -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	1.2 0.6 5.0 4.57 -- -- 5 - 10.5

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PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL INVENTORY
(continued)

No.	Facility Name	Facility Street Address	Business Activity SIC Code	Sewer District	Average Daily Flow (MGD)	Permit Requirements	Permit Limitations			
							4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l
21	Handy Store Fixtures, Inc.[1]	337 Sherman Avenue Newark, NJ 07114	Metal Finisher 2542	Peddie	0.012	TTO	--	--	--	2.13
						Cd	--	--	0.26	0.69
						Cr	--	--	1.71	2.77
						Cu	--	--	2.07	3.38
						Pb	--	--	0.43	0.69
						Ni	--	--	2.38	3.98
						Ag	--	--	0.24	0.43
						Zn	--	--	1.48	2.61
						CN(T)	--	--	0.65	1.20
						TPHC	--	--	--	100
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
22	The EGL Company, Inc.[1]	730 South 13th Street Newark, NJ 07103 Relocating to: 100 Industrial Rd. Berkeley Heights, NJ 07922	Metal Finisher 3641	Peddie	0.01	TTO	--	--	--	2.13
						Cd	--	0.26	--	0.69
						Cr	--	1.71	--	2.77
						Cu	--	2.07	--	3.38
						Pb	--	0.43	--	0.69
						Ni	--	2.38	--	3.98
						Ag	--	0.24	--	0.43
						Zn	--	1.48	--	2.61
						CN	--	0.65	--	1.20
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
23	Angelica Health Care Service	12 Clifton Street Newark, NJ 07114	Laundry 7213	Peddie	0.089	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
24	Clinton Milk Company	353 Morris Avenue Newark, NJ 07103	Milk Cream & Fruit Drinks 2026	Peddie	0.033	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5

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PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL INVENTORY
(continued)

No.	Facility Name	Facility Street Address	Business Activity SIC Code	Sewer District	Average Daily Flow (MGD)	Permit Requirements	Permit Limitations			
							4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l
25	Drum Service of Newark, Inc.[1]	51 Stanton Street Newark, NJ 07114	Recondition Steel Drums 5085	Peddie	0.002	TPHC	--	--	--	100
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
26	University of Med. & Dent. of NJ	100 Bergen Street Newark, NJ 07103	Hospital 8221	Peddie	1.006	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
27	Timco, Inc.	666 South 16th Street Newark, NJ 07105	Plating 3471	Peddie	0.002	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
28	Keystone Automotive Industries[1]	24 Legal Street Newark, NJ 07114	Electroplating of Automobile Bumpers - 3471	Queen	0.002	Cd	0.7	--	--	1.2
						Pb	0.4	--	--	0.6
						CN	2.7	--	--	5.0
						TTO	--	--	--	4.57
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
29	Auric Fidelity Chemical Products Corp.[1]	470 Frelinghuysen Avenue Newark, NJ 07114	Metal Cleaners & Liquid Concentrates - 2842	Queen	0.002	Cu	--	1.1	--	3.2
						Ni	--	2.1	--	6.4
						Se	--	0.53	--	1.6
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
30	New Jersey Galvanizing & Tinning Inc.[2]	139 Haynes Avenue Newark, NJ 07114	Steel Galvanizing 3479	Queen	0.009	Pb	--	0.000376[2]	--	0.00113[2]
						Zn	--	0.005[2]	--	0.0015[2]
						Cr^{+6}	--	0.00005[2]	--	0.0015[2]
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
31	Newark Beth Israel Medical Center	201 Lyons Avenue Newark, NJ 07112	Hospital 8062	Queen	0.216	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5

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PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL INVENTORY
(continued)

No.	Facility Name	Facility Street Address	Business Activity SIC Code	Sewer District	Average Daily Flow (MGD)	Permit Requirements	Permit Limitations			
							4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l
32	Cummins Metro Power[1]	Route 1 & 22 Newark, NJ 07114	Repair & Service of Diesel Engines - 7549	Queen	0.002	TPHC	--	--	--	100
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
33	Rhone-Poulenc, Inc. (Colloids Inc.)	394 Frelinghuysen Avenue Newark, NJ 07114	Defoamer Chemical Mfg. 2843	Queen	0.01	TPHC	--	--	--	100
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
34	Magruder Color Company, Inc.[2]	1029 Newark Avenue Elizabeth, NJ 07208	Organic Chemical Mfg. 2865	Waverly	0.652	VOC[1]	--	--	--	--
						CN	0.420	--	--	1.200
						Cu	2.07	--	--	3.38
						Pb	0.32	--	--	0.69
						Mo	0.20	--	--	0.50
						Zn	1.05	--	--	2.61
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
35	Bon-Art International, Inc.[1]	99 Evergreen Avenue Newark, NJ 07114	Mfg Store Fixture 2542	Waverly	0.009	TTO	--	--	--	--
						Cd	--	0.26	--	0.69
						Cr	--	1.71	--	2.77
						Cu	--	2.07	--	3.58
						Pb	--	0.43	--	0.69
						Ni	--	2.38	--	3.98
						Ag	--	0.24	--	0.43
						Zn	--	1.48	--	2.61
						CN	--	0.63	--	1.20
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	--

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PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL INVENTORY
(continued)

No.	Facility Name	Facility Street Address	Business Activity SIC Code	Sewer District	Average Daily Flow (MGD)	Permit Requirements	Permit Limitations			
							4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l
36	Penick Corporation[1]	158 Mt. Olivet Avenue Newark, NJ 07114	Pharmaceuticals & Stearates 2833	Waverly	0.177	CN	--	9.4	--	33.5
						BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
37	Indol Color Div-of Magruder Color Co.	1 Virginia Street Newark, NJ 07114	Plastic-Dry Pigments & Resin-Polverized Drums - 2865	Waverly	0.066	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
38	Mann Kraft Corporation	1000 U.S. Highway #1 Newark, NJ 07114	Manufacturing Corrugated Boxes - 2649	Adams	0.023	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5
39	Orbis Products Corporation	55 Virginia Street Newark, NJ 07114	Organic Chemicals 2865	Waverly	0.011	BOD	--	--	--	--
						TSS	--	--	--	--
						pH	--	--	--	5 - 10.5

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TABLE 2

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

JOINT MEETING OF ESSEX & UNION COUNTIES
INDUSTRIAL INVENTORY

No.	Facility Name	Facility Street Address	Business Activity SIC Code	Sewer District	Average Daily Flow (MGD) (monthly average)	Permit Requirements	Permit Limitations
1	Interbake Foods (a.k.a. General Biscuit, Burry)	891 Newark Avenue Elizabeth, NJ 07207-0484	2052 Bakery	Alina	Unknown	Flow pH BOD-5 day TSS	NA 6-9 NA NA
2	Pharmacaps, Inc.	1111 Jefferson Ave. Elizabeth, NJ 07207-1371	2834 Pharmaceutical Preparations	Alina	0.025 gpd (1994 mo. avg.)	Flow pH Oil & Grease CN (total) BOD-5 day TSS	NA 6-9 100 mg/l 1.2 mg/l NA NA

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TABLE 3

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE TO SURFACE WATER PERMITS

No.	Facility Name	Facility Address	Business Activity (SIC Code)	NJPDES ID No.	Disch. Class.	Avg. Flow (MGD, unless otherwise specified) & Sewer District	Status	Permit Requirements	Permit Limitations	
									Monthly Avg. (mg/l)	Daily Max. (mg/l)
1	Exxon Service Station #4285	845 Spring Street Elizabeth, NJ	Gasoline Service Stations (5541)	NJ0065641	General Petroleum Product Cleanup	0 (10/94) Alina	Effective 12/1/93 Expiration 11/30/98	Xylene Toluene Lead pH TSS Hydrocarbons in water TOC benzene naphthalene flow	-- -- -- 6-9 -- 10 -- -- 22 µg/l --	-- -- -- -- 40 15 20 7 µg/l 59 µg/l no limitation
2	General Spray Drying Serv.	1001 Newark Ave. Elizabeth, NJ	Industrial Inorganic Chemicals (2819)	NJ0064840	Industrial/ Commercial Surface Water Discharge	0 (8/91) Alina	Effective 6/1/87 Terminated 9/24/91	BOD pH TSS Hydrocarbons in water TOC surfactants	-- 6-9 -- -- -- --	40 -- 50 15 no limitation .5
3	Chem-Fleur International	200 Pulaski Street Newark, NJ	Indust. Organic Chemicals (2869)	NJ0031437	Industrial/ Commercial Surface Water Discharge	0 (3/94) Adams	Effective 7/1/94 Expiration 6/30/99	pH TSS Hydrocarbons in water As Zn Toluene benzene benzo(b)fluoranthene benzo(a)pyrene chrysene ethylbenzene fluoranthene pyrene benzo(a)anthracene naphthalene pyridine phenanthrene flow	-- -- 10 50 µg/l 100 µg/l 26 µg/l 7 µg/l 10 µg/l -- -- 32 µg/l 25 µg/l 25 µg/l 10 µg/l 22 µg/l 22 µg/l 22 µg/l --	6-9 no limitation 15 100 µg/l 200 µg/l 80 µg/l -- -- 20 µg/l 20 µg/l 108 µg/l 68 µg/l 67 µg/l -- 59 µg/l 59 µg/l 59 µg/l no limitation

TABLE 3

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PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE TO SURFACE WATER PERMITS
(continued)

No.	Facility Name	Facility Address	Business Activity (SIC Code)	NJPDES ID No.	Disch. Class.	Avg. Flow (MGD, unless otherwise specified) & Sewer District	Status	Permit Requirements	Permit Limitations	
									Monthly Avg. (mg/l)	Daily Max. (mg/l)
4	Newark Refrigerated Warehouse	Avenue C/Vanderpool Street Newark, NJ	Refrigerated Warehousing Storage (4222)	NJ0000329	Thermal Surface Water Discharge	Avg. 4 Max. 4 (10/94) Adams	Effective 2/1/95 Expiration 1/31/00	COD pH TSS Hydrocarbons in water nitrogen, ammonia Cr (total) Cu (total) Zn (total) flow	-- -- -- -- -- -- -- -- --	50 6-9 20 100 no limitation .5 1 1 no limitation
5	Federal Express	Newark Regional Hub Building 347 Newark, NJ	Direct Mail Advertis. Serv. (7331)	NJ0072699	Industrial/ Commercial Surface Water Discharge	No DMRs Available Waverly	Adm. Close 7/10/91	Permit Administratively Closed.	NA	NA
6	City of Elizabeth	50 Winfield Scott Plaza Elizabeth, NJ	Sewerage Systems (4952)	NJ0020648	Sanitary Surface Water Discharge	Not Reported	Effective 6/1/87 Expired 5/31/92 Renewal Application Pending (1/13/92)	Disch.Pt.001A: pH TSS oil & grease BOD flow	 -- -- -- -- --	 6-9 no limitation no limitation no limitation no limitation
								Disch.Pt.002A	same as Disch.Pt.001A	
								Disch.Pt.005A	same as Disch.Pt.002A	
								Disch.Pt.020A	same as Disch.Pt.005A	
								Disch.Pt.032A	same as Disch.Pt.020A	
								Disch.Pt.029A	same as Disch.Pt.032A	
								Disch.Pt.024A	same as Disch.Pt.029A	
								Disch.Pt.038A	same as Disch.Pt.024A	
								Disch.Pt.041A	same as Disch.Pt.038A	
7	City of Newark	920 Broad St. Newark, NJ	Sewerage Systems (4952)	NJ0024724	Sanitary Surface Water Discharge	No DMRs Available	Effective 7/1/86 Expired 6/30/91 Renewal Application Pending (4/15/91)	Permit Pending	--	--

TABLE 4

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE TO SURFACE WATER PERMITS - STORMWATER RUNOFF

No.	Facility Name	Facility Address	Sewer District	Business Activity (SIC Code)	NJPDES ID No.	Status	Permit Requirements	Permit Limitations	
								Monthly Avg. mg/l	Daily Max. mg/l
1	Browning-Ferris Industries	714 Division Street Elizabeth, NJ	Alina	Local Trucking without Storage (4212)	NJ0062057	Effective 10/1/86 Expired 9/30/91 Renewal Application Pending (2/26/91)	COD BOD pH TSS oil & grease flow	-- -- -- -- 10 --	100 40 6-9 50 15 no limitation
2	Young Recycling	960 Frelinghuysen Ave. Newark, NJ	Alina	Scrap Waste & Materials (5093)	NJ0106992	Appl. New Permit Pending (5/1/94)	Permit Pending.	NA	NA
3	Cookson Pigments/Heubach, Inc.	256 Vanderpool Street Newark, NJ	Adams	Inorganic Pigments (2816)	NJ0028207	Terminated 12/4/84	Permit Terminated.	NA	NA
4	Colantuono & Klurman	225-227 Clifford Street Newark, NJ	Adams	Scrap & Waste Materials (5093)	NJ0107131	Appl. New Permit Pending (5/1/94)	Permit Pending.	NA	NA
5	Sciabo Corporation	8 Nobel Street Newark, NJ	Queen	Scrap & Waste Materials (5093)	NJ0107093	Appl. New Permit Pending (5/1/94)	Permit Pending.	NA	NA
6	Anheuser Busch Co.	200 U.S. Highway 1 Newark, NJ	Waverly	Beer (2082)	NJ0002071	Effective 12/1/94 Expiration 11/1/97	TPHC BOD TSS pH	10* 30* 30* 6-9*	15 45 45 --
7	Avenue A Transfer & Recycling (aka Waste Management of New Jersey)	100 Avenue A Newark, NJ	Wheeler	Tires & Tubes (5014)	NJ0082244	Effective 1/1/93 Revoked 9/23/94 - New Permit (NJ0088315) issued 11/3/94	COD pH TSS Hydrocarbons in water flow	-- 6-9 -- -- --	100 -- 50 15 no limitation

* Values represent daily averages.

TABLE 5

PORT AUTHORITY OF NEW YORK & NEW JERSEY
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

KNOWN CONTAMINATED SITES IN NEW JERSEY

No.	Facility Name	Facility Address	Sewer District	Lead/Contact	ID #
1	Exxon Service Station	845 Spring St., Elizabeth, NJ	Alina	BUST	NJD981193635
2	Orbis Products Corp.	55 Virginia St., Newark, NJ	Alina	BFO-M	NJD010910099
3	Papetti Hygrade Egg Products	847 North Ave., Elizabeth, NJ	Alina	BUST	NJC876006875
4	Pharmacaps Inc.	1111 Jefferson Ave., Elizabeth, NJ	Alina	BEECRA	NJD002193829
5	Shell Service Station	592 Spring St., Elizabeth, NJ	Alina	BUST	NJD986587293
6	AMC Autobody	250 South St., Newark, NJ	Adams	BEECRA	NJL000061861
7	Arrow Typographics	2-14 Liberty St., Newark, NJ	Adams	BAC	NJL000058792
8	Canrad, Inc.	100 Chestnut St., Newark, NJ	Adams	BEECRA	NJD049860687
9	Chase Chemical Co.	273 East Kinney St., Newark, NJ	Adams	BAC	NJD982728123
10	Chase Chemical Co.	280 Chestnut St., Newark, NJ	Adams	BEECRA/BAC	NJD986595171
11	Chemos Corp.	225 Emmet St., Newark, NJ	Adams	BEECRA	NJD033497975
12	Chem Fleur, Inc.	200 Pulaski St., Newark, NJ	Adams	BAC	NJD986572865
13	Conrail Oak Island	91 Bay Ave., Newark, NJ	Adams	BSCM	NJD980769525
14	Container Components, Inc.	405 South St., Newark, NJ	Adams	BEECRA	NJL500007513
15	Cookson America, Inc.	256 Vanderpool St., Newark, NJ	Adams	BEECRA	NJD002190627
16	Craig Adhesive Co.	30 Wheeler Point Road, Newark, NJ	Adams	BEECRA	NJD000308817
17	Dynamic Chemical Products	Foot of Emmet St., Newark, NJ	Adams	BEECRA	NJD045448032
18	Heller Truck Body Corp.	222 Thomas St., Newark, NJ	Adams	BEECRA	NJC876013665
19	Hudson Tool & Die Co., Inc.	18 Malvern St., Newark, NJ	Adams	BEECRA	NJD002142453
20	National Magnetics	250 South St., Newark, NJ	Adams	BEECRA	NJL500022405

TABLE 5

PORT AUTHORITY OF NEW YORK & NEW JERSEY
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

KNOWN CONTAMINATED SITES IN NEW JERSEY
(continued)

No.	Facility Name	Facility Address	Sewer District	Lead/Contact	ID #
21	Polarome Manufacturing Co., Inc.	361 South St., Newark, NJ	Adams	BEECRA	NJD000765123
22	Tenax Finishing Products Co.	390 Adams St., Newark, NJ	Adams	BUST	NJD002141596
23	Theurer Holding, Inc.	225 Parkhurst St., Newark, NJ	Adams	BEECRA	NJD000541011
24	Theurer Holding, Inc.	174 Clifford St., Newark, NJ	Adams	BEECRA	NJL500031877
25	Theurer Holding, Inc.	303 South St., Newark, NJ	Adams	BEECRA	NJL500031869
26	Theurer Holding, Inc.	199-200 Clifford St., Newark, NJ	Adams	BEECRA	NJC876021478
27	Thomas Popola & Son, Inc.	72 Delancey St., Newark, NJ	Adams	BUST	NJL600212013
28	Wilson Imperial Co.	115 Chestnut St., Newark, NJ	Adams	BUST	NJD002136216
29	Angelica Health Care Services	12 Clifton St., Newark, NJ	Peddie	BUST	NJD982789968
30	Arnold Industries	733 11th St. South, Newark, NJ	Peddie	BEECRA	NJL500002712
31	Climate Control Systems, Inc.	301 Badger St., Newark, NJ	Peddie	BUST	NJL600053219
32	Cooper Wess	33 Littleton Ave., Newark, NJ	Peddie	BEECRA	NJD085656205
33	Dooner & Smith Chemical Co.	20 Toler Place, Newark, NJ	Peddie	BUST	NJD000898924
34	Exxon Service Station	387-397 Springfield Ave., Newark, NJ	Peddie	BUST	NJD982742041
35	Hollander Home Fashions, Inc.	66-78 Morris Ave., Newark, NJ	Peddie	BEECRA	NJL500015037
36	LaCross Division Del Labs	682 17th St. South, Newark, NJ	Peddie	BUST	NJD982727265
37	New Jersey Bell Telephone	Frelinghuysen Ave. & East Peddie St., Newark, NJ	Peddie	BFO-M	NJD981484249
38	New Jersey Bell Telephone	95 William St., Newark, NJ	Peddie	BUST	NJD061073409
39	Newark Town Center Project	Springfield & South Orange Aves., Newark, NJ	Peddie	BFO-M	NJL000031690

TABLE 5

PORT AUTHORITY OF NEW YORK & NEW JERSEY
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

KNOWN CONTAMINATED SITES IN NEW JERSEY
(continued)

No.	Facility Name	Facility Address	Sewer District	Lead/Contact	ID #
40	Unknown	246-252 Bruce St., Newark, NJ	Peddie	BUST	NJL600234199
41	Unknown	274-316 Fairmount Ave., Newark, NJ	Peddie	BSCM	NJL000069039
42	Bessemer Processing Co., Inc.	135 Haynes Ave., Newark, NJ	Queen	BEECRA	NJD07517221
43	Colloids, Inc.	384-400 Frelinghuysen Ave., Newark, NJ	Queen	BEECRA	NJD002155505
44	Federal Storage Warehouses	320 Elizabeth Ave., Newark, NJ	Queen	BUST	NJD986601532
45	New Woodbridge Barrel & Drum	28 Peerless Place, Newark, NJ	Queen	BEECRA	NJD011743762
46	Patent Scaffolding	429 Frelinghuysen Ave., Newark, NJ	Queen	BUST	NJD062025515
47	Seidler Chemical & Supply Co., Inc.	27 Haynes Ave., Newark, NJ	Queen	BEECRA	NJL500038900
48	White Chemical Corp.	660 Frelinghuysen Ave., Newark, NJ	Queen	EPA/BSM	NJD980755623
49	Hub Recycling & Scrap Metal Co., Inc.	International Way, Newark, NJ	Queen	BFO-M	NJD000010843
50	Koppers Co.	Frelinghuysen Ave., Newark, NJ	Queen	BEECRA	NJD000542282
51	Anheuser Busch, Inc.	200 Route 1/9, Newark, NJ	Waverly	BUST	NJD002455418
52	Avis Rent a Car	Building 25, Newark Airport, Newark, NJ	Waverly	BUST	NJL600003560
53	Buckeye Pipeline Co.	Route 1, Newark Aiport, Elizabeth, NJ	Waverly	BEECRA	NJD876022294
54	Building 79	Newark Airport, Newark, NJ	Waverly	BUST	NJL600194286
55	Continental Airlines	Hangar 55, Newark Airport, Elizabeth, NJ	Waverly	BUST	NJD600213151
56	G & S Investors	768 Frelinghuysen Ave., Newark, NJ	Waverly	BUST	NJL600191191
57	Leggett & Platt, Inc.	70 Frelinghuysen Ave., Newark, NJ	Waverly	BUST	NJL600126924
58	Penick Corp.	158 Mount Olivet Ave., Newark, NJ	Waverly	BEECRA	NJD991291642

TABLE 5

PORT AUTHORITY OF NEW YORK & NEW JERSEY
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

KNOWN CONTAMINATED SITES IN NEW JERSEY
(continued)

No.	Facility Name	Facility Address	Sewer District	Lead/Contact	ID #
59	Substation 40 Waverly	Mount Olivet Ave., Newark, NJ	Waverly	BUST	NJL600193613
60	Tricore Corp.	Route 1/9, Newark, NJ	Waverly	BFO-M	NJL800032047
61	United Airlines	Newark Airport, Newark, NJ	Waverly	BUST	NJL600178446
62	Zantop International Airlines	Newark, NJ	Waverly	BUST	NJL600198634
63	Federal Express Metroplex	Building 847, Newark Airport, Elizabeth, NJ	Waverly	BUST/BFO-M	NJD986582799
64	Hangar 55 C	Newark Airport, Elizabeth, NJ	Waverly	BAC	NJD000050963
65	Hertz Rent-A-Car	Building 23, Newark Airport, Elizabeth, NJ	Waverly	BUST	NJD980755243
66	Hill Manor Apartments	611 Dr. Martin Luther King Blvd., Newark, NJ	Wheeler	BUST	NJL600130876
67	Igoe Brothers, Inc.	234 Poinier St., Newark, NJ	Wheeler	BEECRA	NJD002141810
68	New Jersey Institute of Technology	323 Dr. Martin Luther King Blvd., Newark, NJ	Wheeler	BUST	NJD075162990
69	Rutgers University	University Ave., Newark, NJ	Wheeler	BUST	NJD103803417
70	Clover Enterprises	155 Washington St., Newark, NJ	Wheeler	BUST	NJD039947080
71	New Jersey Turnpike Maintenance Area (at mile 104.7)	Newark, NJ	--	ISEE	NJL600210116
72	New Jersey Turnpike Authority Maintenance District 5	New Jersey Turnpike at Milemarker 101.7, Elizabeth, NJ	--	BFO-M	NJD986586618

TABLE 6

PORT AUTHORITY OF NEW YORK & NEW JERSEY
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE TO GROUNDWATER PERMITS

No.	Facility Name	Facility Address	Sewer District	ID #
1	Naya Plastics Corp.	Elizabeth, NJ	Alina	NJ0087211
2	Service Machine Co.	Elizabeth, NJ	Alina	NJ0076627
3	Shell Service Station - Elizabeth	Elizabeth, NJ	Alina	NJ0087467
4	Exxon Service Station #4285	845 Spring St., Elizabeth, NJ	Alina	NJ0065641
5	Oak Island Landfill	245 Thomas St., Newark, NJ	Adams	NJ0060119
6	Chem Fleur	Newark, NJ	Adams	NJ0081698
7	United Airlines Hangar #14	Newark, NJ	Waverly	NJ0076252
8	Newark City (V.Ottilio) SLF	No specific town/address	--	NJ0056057
9	T&J Landfill (SLF)	No specific town/address	--	NJ0056324

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TABLE 7

PORT AUTHORITY OF NEW YORK & NEW JERSEY
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, LIABILITY, INFORMATION SYSTEM & NATIONAL PRIORITIES LIST

No.	Facility Name	Facility Address	ID #
1	Adams St. Dump	Adams St., Newark 07105	NJ0980528673
2	Aloyco, Inc.	879 North Ave., Elizabeth 07021	NJD080601156
3	Anheuser-Busch, Inc.	200 US Highway 1, Newark 07101	NJD002455418
4	Boyko Metal Finishing Co., Inc.	85-87 Poinier St., Newark 07114	NJD009718420
5	CDI Dispersions	27 Haynes Ave., Newark 07114	NJD002177640
6	Conrail-Oak Island	91 Bay Ave., Newark 07101	NJD980769525
7	D&J Disposal	Ave. A & Poinier, Newark 07114	NJD096052870
8	General Color Co.	24 Ave. B, Newark 07114	NJD000542258
9	Healey & Muspyg	686-688 S. 16 St., Newark 07103	NJD986570968
10	Heubach, Inc.	256 Vanderpool St., Newark 07114	NJD002190627
11	J L Armitage & Co.	245 Thomas St., Newark 07101	NJD002141711
12	Jenson & Mitchell, Inc.	400 New St., Newark 07103	NJD008912917
13	Koppers Co., Inc.	480 Frelinghuysen Ave., Newark 07114	NJD002149789
14	Orbis Products Corp.	55 Virginia St., Newark 07114	NJD010910099
15	Penick Corp.	158 Mt. Olivet Ave., Newark 07114	NJD991291642
16	Polarome Manufacturing Co., Inc.	361 South St., Newark 07105	NJD000765123
17	Stirrup Metal Prod. Corp.	215 Emmet St., Newark 07114	NJD002136661
18	Thomas Street Warehouse	140 Thomas St., Newark 07101	NJD980769467
19	Weston Div. Ametek	614 Frelinghuysen Ave., Newark 07114	NJD002141794
20	White Chemical Corp. (NPL)	660 Frelinghuysen Ave., Newark 07040	NJD980755623
21	Zamilski Scrap	307-315 Frelinghuysen Ave., Newark 07114	NJD000605329
22	GMC WHS & Distribution Div.	780 Dowd Ave., Elizabeth 07201	NJD061072948
23	Hudsar, Inc.	373 South St., Newark, 07105	NJD002151538
24	Waverly Yards	Haynes Ave., Newark 07114	NJD986603678
25	Browning Ferris	714 Division St., Elizabeth 07207	NJD058117079

TABLE 8

PORT AUTHORITY OF NEW YORK & NEW JERSEY
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

USEPA EMERGENCY RESPONSE NOTIFICATION SYSTEM

No.	Date	Facility & Address	Discharge	ID #
1	2/12/88	No specific town/address	700 gal. #2 diesel fuel	DID: 51855
2	8/22/89	No specific town/address	200 gal. benzyl chloride	DID: 118883
3	9/25/89	No specific town/address	5,190 gal. sodium hydroxide 1.15%	DID: 123724
4	7/6/89	No specific town/address	10,000 gal. creosote	DID: 113668
5	4/7/89	No specific town/address	900 gal. trichloroethane	DID: 105865
6	12/18/89	No specific town/address	1,000 gal. #6 fuel oil	DID: 130471
7	6/15/87	No specific town/address	15,000 gal. transformer oil	DID: 6657
8	2/20/87	No specific town/address	500 gal. industrial wastewater	DID: 1636
9	4/28/87	No specific town/address	1,500 gal. process wastewater	DID: 4332
10	3/14/88	Highway 1/9 opposite United Airline Freight Building, Newark, NJ	unknown quantity green liquid in open storm sewer	DID: 53262
11	4/21/88	Southbound side, Exit 14 NJ Turnpike, Newark, NJ	1,300 gal. 1,1,1-Trichloroethane + 250 gal. perchloroethylene	DID: 54971
12	7/22/88	No specific address, Newark	1,000 gal. automotive gasoline	DID: 63186
13	1/13/89	South 16th St. & 19th Ave., Newark, NJ	100 gal. #2 fuel oil	DID: 100624
14	2/6/88	No specific address, Newark	2,000 gal. formaldehyde 50% solution	DID: 51594
15	11/22/89	No specific address, Newark	800 gal. mineral oil	DID: 128530
16	12/29/89	No specific address, Newark	400 gal. xylene	DID: 131926
17	1/6/92	91 Bay Avenue (north of airport), Newark, NJ	800 gal. diesel fuel	DID: 252187
18	1/6/92	91 Bay Ave. (near airport), Newark, NJ	800 gal. oil: diesel and water	DID: 250275
19	2/22/93	1 Penn Plaza East, Newark, NJ	unknown quantity unknown oil	DID: 305700
20	6/5/89	No specific town/address	3,200 lbs. sulfuric acid	DID: 110756
21	7/18/89	No specific town/address	300,000 bbl. #6 fuel oil	DID: 114766
22	7/24/89	No specific town/address	unknown quantity aluminum chloride and hydrogen chloride in sewer	DID: 115349
23	12/6/89	No specific town/address	1,000 gal. #2 fuel oil	DID: 129558
4	6/6/88	No specific town/address	unknown quantity gasoline	DID: 58168
25	5/7/89	No specific town/address	210 lbs. ammonia	DID: 108919

TABLE 8

PORT AUTHORITY OF NEW YORK & NEW JERSEY
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

USEPA EMERGENCY RESPONSE NOTIFICATION SYSTEM
(continued)

No.	Date	Facility & Address	Discharge	ID #
26	1/25/89	No specific town/address	2,000 lbs. sodium hydroxide	DID: 101170
27	1/17/89	No specific town/address	700 gal. sodium hydroxide (50% solution)	DID: 100786
28	5/15/88	No specific town/address	6,000 lbs. methylene chloride	DID: 56072
29	4/18/89	No specific town/address	50 gal. coal tar dye	DID: 106542
30	1/27/89	No specific town/address	100 gal. vinyl resin body sealer	DID: 101307
31	3/22/89	No specific town/address	25,000 gal. processed wastewater	DID: 104422
32	6/14/87	No specific town/address	6,000 gal. chlorosulfonic acid	DID: 6552
33	7/24/87	No specific town/address	unknown quantity (at least 100 lbs.) hazardous waste organic effluent	DID: 8500
34	10/22/87	No specific town/address	2,000 gal. sodium hypochlorite	DID: 14043
35	10/1/87	No specific town/address	2,200 lbs. sulfuric acid	DID: 11766
36	2/28/91	NJ Turnpike South, Milemarker 99.8, Elizabeth, NJ	20 gal. #2 fuel oil	DID: 205290
37	9/20/89	NJ Turnpike Interchange 14S, Elizabeth, NJ	50 gal. diesel fuel	DID: 121741
38	8/2/89	East Kinney and Broad Sts., Newark, NJ	unknown quantity oil - city truck dumping into storm drain	DID: 116153
39	5/16/89	500 Block of Frelinghuysen Ave., Newark, NJ	unknown quantity yellow substance coming out of sewer	DID: 133720
40	1/28/89	130 Court St., Elizabeth, NJ	180 lbs. petroleum ether	DID: 102864
41	6/1/87	Nabisco-Lifesaver, Newark, NJ	10,000 gal. food process wastewater	DID: 15418
42	3/11/88	Mile 101 NJ Turnpike North truck lane, Elizabeth, NJ	unknown quantity acetic acid/hydrochloric acid	DID: 53169
43	12/21/90	14 Sayre St., Newark, NJ	200 gal. #2 fuel oil	DID: 189621
44	2/2/93	Newark Airport/Carnival Airlines, Newark, NJ	2,239 gal. jet fuel was released to make emergency landing	DID: 303387
45	11/27/90	Newark Airport (Terminal A), Newark, NJ	20 gal. jet fuel	DID: 187388
46	10/20/92	Newark Airport (US Air, Terminal A), Newark, NJ	2 lbs. mercury	DID: 290509
47	9/26/93	Newark Airport (Terminal B), Newark, NJ	50 gal. "A" jet fuel	DID: 349613

TABLE 8

PORT AUTHORITY OF NEW YORK & NEW JERSEY
PERIPHERAL DITCH TRIBUTARY DISCHARGE IDENTIFICATION

USEPA EMERGENCY RESPONSE NOTIFICATION SYSTEM
(continued)

No.	Date	Facility & Address	Discharge	ID #
48	1/23/93	Newark Airpot (Bldg. 116), Newark, NJ	200 gal. "A" jet fuel	DID: 303412
49	8/9/91	Hangar 51, Newark Airport	200 gal. ethylene glycol base	DID: 235451
50	6/15/94	Newark Airport at Runways 11 and 29	unknown quantities of manganese, iron and cadmium	DID: 382011
51	4/10/90	Koppers Industries, Newark, NJ	200 gal. creosote, coal tar	DID: 157764
52	4/5/90	Koppers Industries, Newark, NJ	400 gal. creosote, coal tar	DID: 157527
53	1/18/93	Interchange 15E of NJ Turnpike, Newark, NJ	7,500 gal. #2 fuel oil	DID: 301544
54	5/11/89	295 S. Pen St., Newark, NJ	250 gal. #2 fuel oil	DID: 133755
55	7/9/91	246 Van Der Poole St., Newark, NJ	on-going release methylene	DID: 235423
56	7/20/87	240 King Blvd., Newark, NJ	500 gal. paint residues, oxidizers + 50 gal. laboratory reagents	DID: 16016
57	10/30/91	Frelinghuysen Ave., Newark, NJ	112 gal. bromine	DID: 239156
58	5/11/89	295 South Penn St., Newark, NJ	250 gal. #2 fuel oil	DID: 133648
59	5/9/89	Walnut & Lang Streets, Newark, NJ	1,000 gal. mineral oil	DID: 133632
60	3/26/88	Oak Island Railyard, Newark, NJ	2,000 gal. #6 fuel oil	DID: 62053
61	1/7/93	470 Frelinghuysen Ave., Newark, NJ	unknown quantity nickel sulfate and sulfuric acid	DID: 319744
62	4/14/92	32 Tompkins Point Road, Newark, NJ	50 gal. petroleum naphtha	DID: 262139
63	4/3/90	608-22 Spring Street, Elizabeth, NJ	unknown quantity automotive gasoline	DID: 157286
64	3/19/90	NJ Turnpike, Southbound Newark Ramp	6,500 gal. vinyl acetate	DID: 162488

TABLE 9

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL VIOLATIONS

No.	Facility Name	Average Daily Flow (MGD) & Sewer District	Permit Requirements	Permit Limitations				Permit Violations											
				4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l	05/89	12/89	01/90	05/90	03/91	04/91	12/91	01/92	09/92	02/93	03/93	06/94	12/94
1	Globe Metal Finishing, Inc. 8 Avenue B Newark, NJ 07114	0.009 Adams	Cd	0.7	--	--	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--
			Pb	0.4	--	--	0.6	--	--	0.5	--	--	--	--	--	--	--	--	--	--
			CN	2.7	--	--	5.0	--	--	--	--	--	--	--	--	--	--	--	--	--
			TTO	--	--	--	4.57	--	--	--	--	--	--	--	--	--	--	--	--	--
			BOD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			TSS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			pH	--	--	--	5 - 10.5	--	--	--	--	--	--	--	--	--	--	--	--	--
2	Dreher Leather Mfg. 49 Vessey Street Newark, NJ 07105	0.056 Adams	Sulfide	--	--	--	24.0	--	--	60	--	61	--	--	--	35	--	--	--	--
			Cr(T)	--	--	8.0	12.0	--	--	--	16.68	--	--	--	--	--	--	--	--	19.97
			BOD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5
			TSS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			pH	--	--	--	5 - 10.5	--	--	--	--	--	--	--	--	--	--	--	--	--
3	Craig Adhesives Company 488 Mulberry Street Newark, NJ 07105	0.001 Adams	TPHC	--	--	--	100	--	--	--	--	--	--	272	508	--	800	160	106.29	--
			BOD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			TSS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			pH	--	--	--	5 - 10.5	--	--	--	--	--	--	--	--	--	--	--	--	--

(1) The facility has received several pH complaints and/or minor violations.
No DMRs available prior to 07/91.
(3) Exceedances noted for chloroform (0.038 ppm), toluene (0.018 ppm), and bromodichloroethane (0.0081 ppm).
(4) Several LEL complaints noted. No values provided.

TABLE 9

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL VIOLATIONS
(continued)

No.	Facility Name	Average Daily Flow (MGD) & Sewer District	Permit Requirements	Permit Limitations				Permit Violations											
				4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l	05/89	12/89	01/90	05/90	03/91	04/91	12/91	01/92	09/92	02/93	03/93	06/94	12/94
4	Krementz & Company 375 McCarter Highway Newark, NJ 07114	0.009 Waverly	TTO	--	--	--	2.13	NO VIOLATIONS NOTED											
			Cd	--	--	0.26	0.69												
			Cr	--	--	1.71	2.77												
			Cu	--	--	2.07	3.38												
			Pb	--	--	0.43	0.69												
			Ni	--	--	2.38	3.98												
			Ag	--	--	0.24	0.43												
			Zn	--	--	1.48	2.61												
			CN(T)	--	--	0.65	1.20												
			BOD	--	--	--	--												
			TSS	--	--	--	--												
			pH	--	--	--	5 - 10.5												
5	Penick Corporation[1,4] 158 Mt. Olivet Avenue Newark, NJ 07114	0.177 Waverly	CN	--	9.4	--	33.5	NO VIOLATIONS NOTED											
			BOD	--	--	--	--												
			TSS	--	--	--	--												
			pH	--	--	--	5 - 10.5												
6	Stirrup Metal Products Corp. 215 Emmet Street Newark, NJ 07114	0.002 Adams	Cd	0.7	--	--	1.2	NO VIOLATIONS NOTED											
			Pb	0.4	--	--	0.6												
			CN	2.7	--	--	5.0												
			TTO	--	--	--	4.57												
			BOD	--	--	--	--												
			TSS	--	--	--	--												
			pH	--	--	--	5 - 10.5												

(1) The facility has received several pH complaints and/or minor violations.
No DMRs available prior to 07/91.
Exceedances noted for chloroform (0.038 ppm), toluene (0.018 ppm), and bromodichloroethane (0.0081 ppm).
(4) Several LEL complaints noted. No values provided.

TABLE 9

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL VIOLATIONS
(continued)

No.	Facility Name	Average Daily Flow (MGD) & Sewer District	Permit Requirements	Permit Limitations				Permit Violations											
				4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l	05/89	12/89	01/90	05/90	03/91	04/91	12/91	01/92	09/92	02/93	03/93	06/94	12/94
7	Steel Craft Fluorescent Company 191 Murray Street Newark, NJ 07114	0.01 Adams	TTO	--	--	--	--	NO VIOLATIONS NOTED											
			Cd	--	0.26	--	0.69												
			Cr	--	1.71	--	2.77												
			Cu	--	2.07	--	3.38												
			Pb	--	0.43	--	0.69												
			Ni	--	2.38	--	3.98												
			Ag	--	0.24	--	0.43												
			Zn	--	1.48	--	2.61												
			CN(T)	--	0.65	--	1.20												
			BOD	--	--	--	--												
			TSS	--	--	--	--												
			pH	--	--	--	5 - 10.5												
8	Chase Laboratories, Inc.[1] 280 Chestnut Street Newark, NJ 07105	0.113 Adams	CN	--	9.4	--	33.5	NO VIOLATIONS NOTED											
			BOD	--	--	--	--												
			TSS	--	--	--	--												
			pH	--	--	--	5 - 10.5												

(1) The facility has received several pH complaints and/or minor violations.
No DMRs available prior to 07/91.
(3) Exceedances noted for chloroform (0.038 ppm), toluene (0.018 ppm), and bromodichloroethane (0.0081 ppm).
(4) Several LEL complaints noted. No values provided.

TABLE 9

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL VIOLATIONS
(continued)

No.	Facility Name	Average Daily Flow (MGD) & Sewer District	Permit Requirements	Permit Limitations				Permit Violations											
				4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l	05/89	12/89	01/90	05/90	03/91	04/91	12/91	01/92	09/92	02/93	03/93	06/94	12/94
9	Handy Store Fixtures, Inc. 337 Sherman Avenue Newark, NJ 07114	0.012 Peddie	TTO	--	--	--	2.13	SEE ATTACHED TABLE 9A											
			Cd	--	--	0.26	0.69												
			Cr	--	--	1.71	2.77												
			Cu	--	--	2.07	3.38												
			Pb	--	--	0.43	0.69												
			Ni	--	--	2.38	3.98												
			Ag	--	--	0.24	0.43												
			Zn	--	--	1.48	2.61												
			CN(T)	--	--	0.65	1.20												
			TPHC	--	--	--	100												
			BOD	--	--	--	--												
			TSS	--	--	--	--												
			pH	--	--	--	5 - 10.5												
10	The EGL Company, Inc. 730 South 13th Street Newark, NJ 07103	0.01 Peddie	TTO	--	--	--	2.13	SEE ATTACHED TABLE 9B											
			Cd	--	0.26	--	0.69												
			Cr	--	1.71	--	2.77												
			Cu	--	2.07	--	3.38												
			Pb	--	0.43	--	0.69												
			Ni	--	2.38	--	3.98												
			Ag	--	0.24	--	0.43												
			Zn	--	1.48	--	2.61												
			CN	--	0.65	--	1.20												
			TPHC	--	--	--	--												
			BOD	--	--	--	--												
			TSS	--	--	--	--												
			pH	--	--	--	5 - 10.5												

(1) The facility has received several pH complaints and/or minor violations.
No DMRs available prior to 07/91.
Exceedances noted for chloroform (0.038 ppm), toluene (0.018 ppm), and bromodichloroethane (0.0081 ppm).

(4) Several LEL complaints noted. No values provided.

TABLE 9

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL VIOLATIONS
(continued)

No.	Facility Name	Average Daily Flow (MGD) & Sewer District	Permit Requirements	Permit Limitations				Permit Violations											
				4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l	05/89	12/89	01/90	05/90	03/91	04/91	12/91	01/92	09/92	02/93	03/93	06/94	12/94
11	Drum Service of Newark, Inc.[1] 51 Stanton Street Newark, NJ 07114	0.002 Peddie	TPHC BOD TSS pH	-- -- -- --	-- -- -- --	-- -- -- --	100 -- -- 5 - 10.5	SEE ATTACHED TABLE 9C												
12	Mara Polishing & Plating 105 West Peddie Street Newark, NJ 07112	0.004 Peddie	Cd Pb CN TTO BOD TSS pH	0.7 0.4 2.7 -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	1.2 0.6 5.0 4.57 -- -- 5 - 10.5	NO VIOLATIONS NOTED												
13	Keystone Automotive Industries[1,2] 24 Legal Street Newark, NJ 07114	0.002 Queen	Cd Pb CN TTO BOD TSS pH	0.7 0.4 2.7 -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	1.2 0.6 5.0 4.57 -- -- 5 - 10.5	-- -- -- -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	[3] -- -- -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --	-- -- -- -- -- -- --
14	Cummins Metro Power Route 1 & 22 Newark, NJ 07114	0.002 Queen	TPHC BOD TSS pH	-- -- -- --	-- -- -- --	-- -- -- --	100 -- -- 5 - 10.5	2138 203 -- --	-- -- -- --	-- -- -- --	-- -- -- --	220.46 -- -- --	159.3 8 -- --	-- -- -- --	-- -- -- --	-- -- -- --	-- -- -- --	103.15 -- -- --	-- -- -- --	-- -- -- --

(1) The facility has received several pH complaints and/or minor violations.
(2) No DMRs available prior to 07/91.
(3) Exceedances noted for chloroform (0.038 ppm), toluene (0.018 ppm), and bromodichloroethane (0.0081 ppm).
(4) Several LEL complaints noted. No values provided.

TABLE 9

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

PASSAIC VALLEY SEWERAGE COMMISSION
INDUSTRIAL VIOLATIONS
(continued)

No.	Facility Name	Average Daily Flow (MGD) & Sewer District	Permit Requirements	Permit Limitations				Permit Violations											
				4 day Avg. mg/l	30 day Avg. mg/l	Monthly Avg. mg/l	Daily Max. mg/l	05/89	12/89	01/90	05/90	03/91	04/91	12/91	01/92	09/92	02/93	03/93	06/94	12/94
15	Auric Fidelity Chemical Products Corp.[1] 470 Frelinghuysen Avenue Newark, NJ 07114	0.002 Queen	Cu	--	1.1	--	3.2	NO VIOLATIONS NOTED											
			Ni	--	2.1	--	6.4												
			Se	--	0.53	--	1.6												
			BOD	--	--	--	--												
			TSS	--	--	--	--												
			pH	--	--	--	5 - 10.5												
16	Bon-Art International, Inc. 99 Evergreen Avenue Newark, NJ 07114	0.009 Waverly	TTO	--	--	--	--	NO VIOLATIONS NOTED											
			Cd	--	0.26	--	0.69												
			Cr	--	1.71	--	2.77												
			Cu	--	2.07	--	3.58												
			Pb	--	0.43	--	0.69												
			Ni	--	2.38	--	3.98												
			Ag	--	0.24	--	0.43												
			Zn	--	1.48	--	2.61												
			CN	--	0.63	--	1.20												
			BOD	--	--	--	--												
			TSS	--	--	--	--												
			pH	--	--	--	--												

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(1) The facility has received several pH complaints and/or minor violations.
(2) No DMRs available prior to 07/91.
(3) Exceedances noted for chloroform (0.038 ppm), toluene (0.018 ppm), and bromodichloroethane (0.0081 ppm).
(4) Several LEL complaints noted. No values provided.

TABLE 9A

HANDY STORE FIXTURES, INC.
337 SHERMAN AVENUE
NEWARK, NEW JERSEY

PVSC VIOLATIONS[1]

Date of Violation	TPHC Violations	Zinc Violations
	Daily Max. 100 mg/l	Daily Max. 2.61 mg/l
06/90	545	--
09/90	798	--
10/90	263.16	--
12/90	752	--
03/91	3791	--
04/91	272	--
09/91	435.75	19.40 / 37.33 / 18.92
02/92	179.93	--
03/92	116.66	--
04/92	121.05	--

(1) No other violations noted.

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TABLE 9B

THE EGL COMPANY, INC.
730 SOUTH 13TH STREET
NEWARK, NEW JERSEY

PVSC VIOLATIONS[1]

Date of Violation	Nickel Violations	
	Daily Max. 3.98 mg/l	Daily Max. 2.38 mg/l
09/91	76.0	--
10/91	50.0	50.1
11/91	7.92	7.92
12/91	12.10	9.36
01/92	--	3.18
02/92	--	3.31
03/92	4.40	4.40
04/92	--	2.60
06/92	--	2.54
04/93	6.80	--

(1) No other violations noted.

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TABLE 9C

DRUM SERVICE OF NEWARK, INC.
51 STANTON STREET
NEWARK, NEW JERSEY

PVSC VIOLATIONS[1]

Date of Violations	TPHC Violations Daily Max. 100 mg/l
05/91	437.31
05/91	437.31
06/91	2600
07/91	8000
10/91	4300
11/91	850/338/910
12/91	2750/2250/1750
01/92	800/5017
02/92	1800/350/525/380/714.03
03/92	300/400
04/92	110
04/92	110/170/625
05/92	3950/550/150/2200
06/92	1550/750/1200/2000
07/92	3908
08/92	571
08/92	134
10/92	1000/200/4485
11/92	125/100

(1) No other violations noted.

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TABLE 10

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE TO SURFACE WATER VIOLATIONS

No.	Facility Name	Sewer District	Permit Requirements	Permit Limitations		Permit Violations				
				Monthly Avg. mg/l	Daily Max. mg/l					
						12/91				
1	Exxon Service Station 845 Spring St. Elizabeth, NJ	Alina	ph	6-9	N/A	--				
			TSS	--	40	21				
			TPHC	10	15	--				
			TOC	--	20	--				
			Lead	--	--	--				
			Toluene	--	--	--				
			Benzene	--	7 µg/l	--				
			Xylene	--	--	--				
			Naphthalene	22 µg/l	59 µg/l	--				
						4/89-6/89	6/89-9/89	10-89/11-89	3/90-5/90	6/91-8/91
2	General Spray Drying 1001 Newark Ave. Elizabeth, NJ	Alina	BOD	--	40	--	115	55	--	--
			pH	--	6-9	--	--	--	--	--
			TSS	--	50	86	--	78	2006	--
			TPHC	--	15	--	--	--	--	--
			TOC	--	--	--	--	--	--	--
			Surfactants	--	.5	--	--	--	--	--
3	Chem Fleur International 200 Pulaski St. Newark, NJ	Adams	TSS	--	--	DMRs reviewed 07/94 and 08/94 No discharges reported				
			TPHC	10	15					
			pH	6-9	N/A					
			As	50 µg/l	100 µg/l					
			Zn	100 µg/l	200 µg/l					
			Benzene	7 µg/l	7 µg/l					
			Ethylbenzene	32 µg/l	108 µg/l					
			B(a)A	--	10 µg/l					
			Toluene	26 µg/l	80 µg/l					
			B(a)P	--	20 µg/l					
			B(b)F	--	10 µg/l					
			Chrysene	--	20 µg/l					
			Fluoranthene	25 µg/l	68 µg/l					
			Naphthalene	22 µg/l	59 µg/l					
			Phenanthrene	22 µg/l	59 µg/l					
			Pyrene	25 µg/l	67 µg/l					
			Pyridine	22 µg/l	59 µ/l					

TABLE 10

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE TO SURFACE WATER VIOLATIONS
(continued)

No.	Facility Name	Sewer District	Permit Requirements	Permit Limitations		Permit Violations
				Monthly Avg. mg/l	Daily Max. mg/l	
4	Newark Refrigerated Warehouse Avenue C/Vanderpool St. Newark, NJ	Adams	TPHC BOD TSS pH Nitrogen Ammonia Cr(T) Cu(T) Zn(T)	-- -- -- -- -- -- -- --	100 50 20 6-9 -- .5 1 1	No DMRs reviewed
5	City of Elizabeth Elizabeth, NJ	N/A	BOD TSS pH Oil & Grease	-- -- -- --	-- -- 6-9 --	N/A
6	City of Newark Newark, NJ	N/A	None	--	--	N/A

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No.	Facility Name	Sewer District						
1	Browning Ferris Industries 714 Division Street Elizabeth, NJ	Alina						
2	Anheuser Busch Co. 200 US Highway 1 Newark, NJ	Waverly	005	004	005	004	005	005	005
			12/91	1/92	1/92	2/92	2/92	9/93	11/93
			-- -- 81* --	-- 160* 220* --	-- 180* 210* --	-- 42* 190* --	-- 110* 86* --	-- 44.4 5* --	-- 32* 42* --
3	Avenue A Transfer Recycling (aka Waste Management of NJ) 100 Avenue A Newark, NJ	Wheeler	002A	001A	001A	001A	002A		
			2/94	3/94	4/94	9/94	9/94		
			-- 112 88 --	-- -- 59 --	-- 199 203 --	-- 188 141 --	-- 170 132 --		

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* daily average

TABLE 12

PORT AUTHORITY OF NY & NJ
PERIPHERAL DITCH STUDY TRIBUTARY DISCHARGE IDENTIFICATION

CITY OF ELIZABETH
DISCHARGE MONITORING REPORTS
ALINA (OUTFALL 001)

Monitoring Period	6/1/89-8/31/89*	9/1/89-11/30/89**	12/89-2/28/90	3/1/90-5/31/90	6/1/90-8/31/90	9/1/90-11/30/90**	12/1/90-2/28/91	3/1/91-5/31/91	6/1/91-8/31/91	9/1/91-11/30/91	12/1/91-2/29/92	3/1/91-5/31/92	1/6/92-8/31/92
Parameter:													
pH	--	--	6.3	7.33	7.43	--	6.5	4.94	7.06	7.51	7.23	8.15	7.13
BOD	--	--	6.6	110	34	--	130	26	26.4	164	12	15	20
TSS	--	--	110	170	13	--	220	49	16	20	4	12	32
Oil & grease	--	--	11	27	ND	--	26	6.8	6.5	3.6	1.8	<1	4.9
Fecal coliform	--	--	TNTC	TNTC	Confluent growth	--	TNTC	TNTC	130,000	8,200	260	2,200	250,000

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TNTC Too Numerous to Count
* Outfall under water
** No discharge reported
pH values are standard measure.
BOD, TSS, and oil & grease values are in mg/l.
Fecal coliform values represent # organisms per 100 ml.
All values represent monthly averages.