

Data file description

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These data were extracted from the Passaic River-Newark Bay EQUIS database by CDM Smith for use on the public website OurPassaic.org.

Contained in this file (2005 MPI - Newark Bay Phase I Oversight.zip) are the laboratory analytical data associated with sediment core samples collected from locations in Newark Bay in November and December 2005 at depths ranging from zero to 6.5 feet below the surface. The data include laboratory results for normal environmental (N) samples as indicated in the column titled "sample_type." The sediment samples were analyzed by the laboratory for percent moisture, percent solids, dioxins and furans, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), pesticides, metals, total organic content (TOC), and semi-volatile organic compounds (SVOCs), including polycyclic aromatic hydrocarbons (PAHs). All of the results were considered to be reportable and results included those associated with initial analysis, dilutions, and re-analysis as indicated in the column titled "test_type." Additionally, dilutions were required by the laboratory for several results, as indicated in the column titled "dilution_factor." The laboratory results included both concentrations detected above their respective laboratory reporting limits and non-detects. Varying levels of data validation were conducted, as indicated in the column titled "validated_yn." Select samples were subjected to Contract Laboratory Program (CLP) validation or partial Level 4 validation, while other samples did not undergo validation as indicated in the column titled "validation_level." The qualifiers as provided by both the laboratory and the validator, where applicable, are presented. The data set includes target results as provided by the laboratory as well as calculated results completed following receipt of the data from the laboratory, as identified in the column titled "result_type_code." Latitude and longitude coordinates at which samples were collected are provided for each sample location.

The data are contained in a Microsoft Access database on the Analytical Results table. There are also a series of reference tables starting with "rt" that describe certain values used in the data set. Users have the ability to create their own queries for reviewing and analyzing these data. Please be aware that there are no relationships between the tables, since all of the data are contained on the Analytical Results table and the "rt" tables are provided simply for data definition.