Data file description

January 11, 2012

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 (2007 MPI - Newark Bay Phase II Oversight.zip) are the laboratory analytical data associated with sediment core samples collected from locations in Newark Bay and Kill van Kull in October through December 2007 at depths ranging from 0.5 feet (ft) to 29.5 ft below the surface. The data include laboratory results for both normal environmental (N) and field duplicate (FD) samples, as indicated in the column titled "sample_type." The sediment samples were analyzed by the laboratory for percent moisture, percent solids, volatile organic carbons (VOCs), total petroleum hydrocarbons (TPH), dioxins and furans, polychlorinated biphenyls (PCBs), pesticides, metals, and polycyclic aromatic hydrocarbons (PAHs). All of the results were considered to be reportable and included both concentrations detected above their respective laboratory reporting limits and non-detects. The data included initial, dilution, re-analysis, and re-injection results, as indicated in the column titled "test_type." Dilutions were required by the laboratory for several results, as indicated in the column titled "dilution_factor." All of the data were subjected to data validation. Select samples were subjected to Contract Laboratory Program (CLP) validation, while other results were subjected to Level 2 or partial Level 4 validation, as identified 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 are provided for each sample location and additional information about individual results is provided in the column titled "result_remark."

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.