Data file description

December 21, 2011

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

Contained in this file (2006 USEPA-MPI LOW RESOLUTION CORE.zip) are the laboratory analytical data associated with sediment samples collected from locations in the Lower Passaic River in January 2006 at depths ranging from zero to 399 centimeters (cm) 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 grain size and sediment composition, volatile organic compounds (VOCs), dioxins and furans, polychlorinated biphenyls (PCBs), pesticides, metals, and polycyclic aromatic hydrocarbons (PAHs). All of the results were considered to be reportable and each result was an initial result as indicated in the column titled "test_type." However, 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. The sediment data were subjected to varying levels of data validation, including Contract Laboratory Program (CLP), Level 2 or 4, or partial Level 2 or 4 validation. The qualifiers as provided by both the laboratory and the validator 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.

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.

A detailed description of the sampling program can be found on the OurPassaic.org website using this link: http://passaic.sharepointspace.com/Public%20Documents/2007-11-30%20Low%20Resolution%20Narrative.pdf