Data file description

December 22, 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 (2009 USEPA-MPI TISSUE OVERSIGHT.zip) are the laboratory analytical data associated with fish and invertebrate tissue samples collected at locations in the Lower Passaic River between August and December 2009 from several species, including the following:

- American eel
- Brown bullhead
- Carp
- Channel catfish
- Blue crab
- Smallmouth bass
- White catfish
- White perch
- White sucker
- Worm

Samples were collected of carcasses, fillets, whole body, and muscle tissue. The data include laboratory results for both normal environmental (N) and field duplicate (FD) samples as indicated in the column titled "sample_type." The tissue samples were analyzed by the laboratory for dioxins and furans, polychlorinated biphenyls (PCBs), volatile organic compounds (VOCs), pesticides, metals, and polycyclic aromatic hydrocarbons (PAHs). All of the results were considered to be reportable and results included those associated with initial analysis, dilutions, re-analysis, and re-extractions, 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. All data was validated and subjected to partial Level 4 validation. 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.

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.