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 CPG LPR WATER COLUMN MONITORING DEC.zip) are both the field measurements and laboratory analytical data associated with surface water samples collected between October and December 2009 at depths ranging from 1 foot to 21 feet 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." Field measurements were recorded for salinity, NaN, temperature, and turbidity. The water samples were analyzed by the laboratory for SigmaTheta, dissolved organic carbon, and particulate organic carbon. All of the results were considered to be reportable and included both concentrations detected above their respective laboratory reporting limits and non-detects. All of the results were 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." Data validation was not conducted as indicated in the validated_yn column. The laboratory qualifiers where applicable, are presented. The data set includes only target results as provided by the laboratory; none of the data provided was based on calculations 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.