

Data file description

December 22, 2011

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

Contained in this file (2005 MPI SPMD DEPLOYMENT.zip) are the both field measurements and laboratory analytical data associated with surface water samples collected in September, October, and November 2005 during semi-permeable membrane device (SPMD) deployment. The data are limited to the normal environmental (N) and field duplicate (FD) samples as indicated in the column titled "sample_type." Surface water samples were collected from depths between 30 and 70 centimeters (cm) and from 0 to 60 meters (m) below the surface. Field measurements included pH, salinity, temperature, and dissolved oxygen. Laboratory analyses included dioxins and furans, pesticides, polychlorinated biphenyls (PCBs), and polycyclic aromatic hydrocarbons (PAHs). Data are provided for all parent samples and their associated duplicates, where applicable. All of the results were considered to be reportable and results from both initial samples and subsequent dilutions when required by the laboratory are provided. The laboratory results included both concentrations detected above their respective laboratory reporting limits and non-detects. The data set further includes target results as provided by the laboratory as well as calculated results for Total DDT, 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.