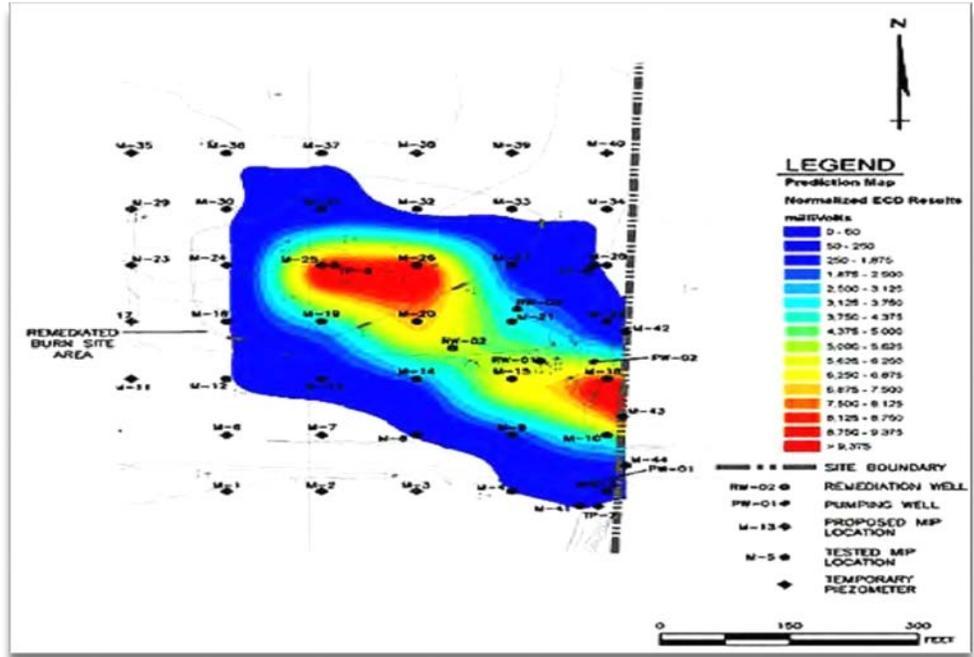




Field & Technical Services, LLC
 200 Third Avenue
 Carnegie, PA 15106
 412-429-2694
www.f-ts.com



Implemented a Conversion of Client Groundwater Sampling Data:

- 1.5 million records from multiple formats to EQiS

Data Management & Reporting

FTS will create, maintain, and update your electronic database.

Data managers expertly format data to suit your reporting needs and are adept at statistical evaluations and graphical presentations utilizing programs which include GISKey and EQiS. FTS optimizes the data management process by electronically collecting field data, rapidly transferring data from the field to the office, managing laboratory analytical turnaround, and maintaining a comprehensive electronic database. This allows for time to be better allocated to data analysis and review resulting in on time deliverables that address regulatory drivers specific to each job and ultimately assure that overall project compliance goals are achieved.

Data Management

Data collection is the primary objective of many environmental projects as part

of site investigation, site remediation, waste management, and/or long-term monitoring. The volume of data is typically extensive and complex in that it requires electronic database management. Every piece of data has a cost associated with it, and maintaining an up-to-date and complete database is a priority.

It is also imperative that data is appropriately presented in reports, clearly showing results so that our clients and the regulators can quickly and easily understand site conditions. FTS data managers are adept at statistical evaluations and graphical presentations. FTS performs data validation according to the National Functional Guidelines as well as state-specific guidelines. Data qualifiers are assigned to indicate the usability of the data.

Standard databases currently used by FTS include GISKey, Environmental Quality Information System (EQiS) and Access.

FTS Services

- EQUS is a database system that also manages chemistry and geology data for environmental projects. The chemistry package supports traditional analytical data and all QA/QC information. EQUS also interfaces with our custom electronic field data collection system.

Data Validation

FTS has considerable experience validating data in accordance with the USEPA National Functional Guidelines for Organic and Inorganic Review as well as specific Regional guidelines including Regions I, II, III, IV, and V. Additionally, client specific validation is performed using specific guidelines and forms set by the client.

FTS also performs quality assurance checks of data supplied by the laboratory and oversight of the laboratories' proper reporting of data. Laboratory-generated electronic data deliverables are formatted and submitted in multiple different database formats with the correct reference codes provided as per the specific Electronic Data Deliverable Valid Reference Manual (Region II MEDD, NYDEC, WDNR, etc.).

FTS prepares standalone Data Usability Assessment reports based upon validations completed. The reports assess precision, accuracy/bias contamination, overall accuracy/bias, sensitivity, representativeness, comparability and completeness and draw conclusions based upon their results.

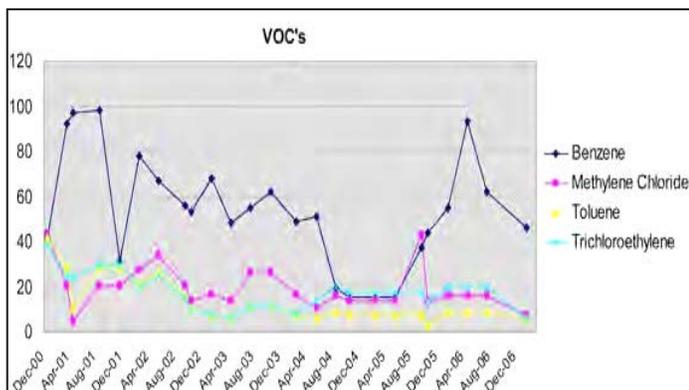
Our Data Manager has served as the Quality Assurance Contractor and Data Verification/Validation Contractor for high profile Pre-design and Pilot Studies in Newark Bay and the Lower Passaic River.

Reporting

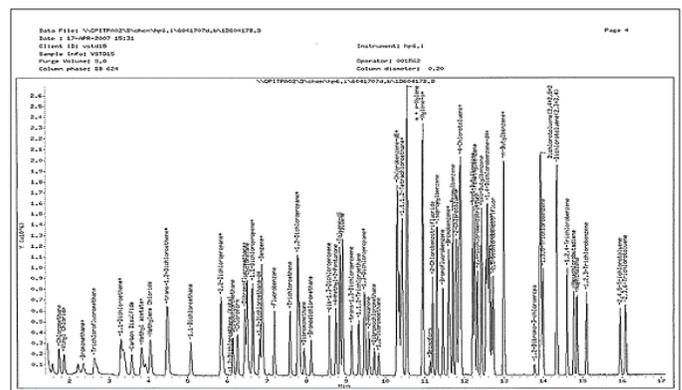
FTS provides a systematic approach to reporting premised on prompt scheduling of data collection, immediate data evaluation, use of State-of-the-Art technology, and expert review and management. Elements of your report are assigned to personnel with the required knowledge to complete the task efficiently. Cohesive interaction between the data collection and reporting teams keeps monitoring and reporting on schedule.

Examples of current reporting programs include:

- RCRA Post-Closure Care Permit Reporting
- Operations & Maintenance Reporting
- Discharge Monitoring Reports (DMRs) related to NPDES and POTW permit requirements



Trend Analysis Over Time



Chromatogram Analysis During QA

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