

Project Name: Groundwater Monitoring Program,
Groundwater Recovery Program,
and RFI

Project Location: Baton Rouge, Louisiana and
Pasadena, Texas

Project Completion Date: Ongoing

Project Duration: 5 years

Client Name: Ethyl Corporation

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Project Description

SEMS provides a wide range of environmental, remediation, engineering, and management services for the Ethyl Corporation. A majority of the fieldwork has been performed at the Baton Rouge, Louisiana and Houston, Texas facilities. Both of these sites have groundwater and soil impacted from chlorinated organics.

Ethyl Corporation, Baton Rouge, Louisiana facility is currently under RCRA Facility Investigation (RFI), which includes 80 solid waste management units (SWMUs), and 7 areas of concerns (AOCs). SEMS has written all of the work plans for the RFI and investigated each of the SWMUs and AOCs. This has included the installation of 20 groundwater monitor wells ranging from a total depth of 25 feet bgs to 110 feet bgs. SEMS provided professional oversight of the well installation and development, managed the professional land surveying of the wells, and prepared the LDOTD registration forms. In addition over 100 soil borings have been advanced utilizing direct push technology (Geoprobe^J) or by hand augering. As a portion of the RFI, SEMS has performed groundwater monitoring and sampling activities as well as sludge, rainfall runoff, and stormwater sampling.

SEMS also performs Ethyl's Groundwater Monitoring, Sampling, and Reporting Program for the Baton Rouge facility. This program includes the monitoring and sampling of 130 groundwater monitor wells on a semi-annual basis. Semi-annual and annual reports are also prepared and submitted to the LDEQ. This also includes well inspection and routine maintenance. SEMS also performs semi-annual landfill inspections and quarterly recovery system inspections.

At the Ethyl Corporation - Houston Plant, located in Pasadena, Texas, SEMS performs the Groundwater Monitoring, Sampling, and Reporting Program. This program includes the monitoring and sampling of 55 groundwater monitoring wells. SEMS prepares quarterly, semi-annual, and annual reports for the Houston Plant, which are submitted, to the TNRCC.