Customer: Wharton Smith, Inc.
Project Name: Zachary Area Transmission Network Improvements Phase II
Project Location: East Baton Rouge Parish
Project Dates: 2013-2014
Client Contact: Mr. Scott Guerin
(225) 754-0550

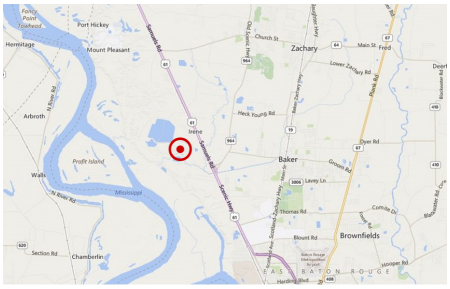
Project Description

SEMS was contracted by Wharton-Smith, Inc. to manage suspected contaminated wastes generated during network improvements throughout the area known as the Baton Rouge Bayou in Zachary, East Baton Rouge Parish, Louisiana.

Network Improvements were part of the Zachary Area Transmission Network Improvements Project (ZATNIP) – Phase 2 of the Parish of East Baton Rouge Sanitary Sewer Overflow (SSO) Program, and included the installation of new forcemain through the area designated as the Baton Rouge Bayou. The Baton Rouge Bayou alignment contains suspected contamination resulting from historical operations of the disposal site known as the Petro-Processors of Louisiana, Inc. (PPI) Scenic Site/NPC Services, Inc. currently managed as a Superfund Site. In 1992, the United States EPA reported contamination at the Baton Rouge Bayou included chlorinated volatile organic compounds, polynuclear aromatic hydrocarbons, and metals as a result of historical operations from the nearby Superfund Site.

The project was located in a semi-wooded area of relatively low relief in Zachary, Louisiana. The scope of work included development of a Site-Specific Health and Safety Plan and environmental management throughout the designated area. SEMS conducted air monitoring during excavation activities and managed suspected contaminated wastes including, waste profiling, manifesting, and transportation and disposal to the appropriate disposal facility. The project was conducted in two separate mobilizations which resulted in modifying the Waste Management Plan. Initially excavated wastes were placed into roll-off boxes, a composite sample was collected from each box for waste characterization, and analytical data was submitted for disposal into the appropriate regulated facility. Soil analytical results confirmed generated wastes as non-hazardous material, and allowed for wastes to be pre-characterized for the second mobilization. Waste generated during July to August 2014 were stockpiled and/or direct loaded into trucks equipped with end dump containers for off-site disposal.

Approximately 5,430T of excavated material and 5,700 gallons of contact water were generated and disposed during the Zachary Area Transmission Network Improvements Project for the installation of new forcemain through the area designated at the Baton Rouge Bayou.



Site Location