Project Profile

Diversified Contractors, Inc.

Description: Remedial Investigation and Feasibility Study

Location: Houston, Texas

Contract Value: $100,000

Major Activities

- Site Characterization
- Remedial Engineering and Design
- Waste Management

Phase II and Phase III environmental assessments were conducted at this abandoned 18 acre former manufacturing facility. Specific responsibilities included:

- An extensive soil boring program to delineate the extent of lead contaminated fill materials;
- A Feasibility Study for 10,000 cubic yards of lead contaminated fill. Remedial measures evaluated include various types of caps, fixation/solidification and excavation/off-site disposal or incineration;
- Installation of monitoring wells and groundwater sampling to determine the impact of lead contaminated fill materials on groundwater;
- Investigation and inventory of various 55-gallon drums and other containers left on site;
- Volume estimation and sampling of hydrocarbon stained soils;
- Investigation and sampling of a previously unknown underground storage tank; and
- An asbestos survey of the 18 buildings on site.

The Feasibility Study included the following items:

- Discussions with remediation contractors to obtain cost estimates;
- Conceptual designs of various cap types to obtain quantity estimates for comparison of costs; and
- Discussion of relative advantages and disadvantages of each alternate, including likelihood of acceptance by the state regulatory agency.

Notification of the presence of hazardous waste on the site was made to the Texas Water Commission (TWC). Upon receipt of a response from the TWC, a decision will be made regarding remedial activities to be conducted. Subsequent to the notification to the TWC, project counsel was assisted in evaluating the impact to this project of new TWC site cleanup regulations.