# Gulf Coast Vacuum Services Vermilion Parish, Abbeville, Louisiana EPA ID# LAD980750137 Site ID: 0600592

## **Current Status**

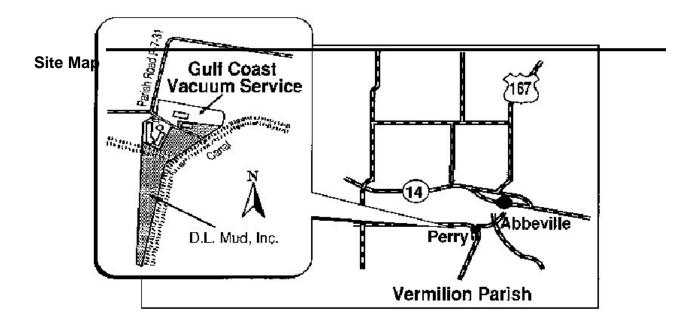
- The site is currently in the operation and maintenance phase of the Superfund process. Groundwater monitoring is being conducted annually and the remedial action performance is being assessed every five years;
- After Hurricanes Rita & Katrina, the site was inspected and two ground water wells were sampled in October 2005, to assess potential impacts or storm damage. The site's remedy was not impacted by the hurricanes;
- The Responsible Party Group (RPG) submitted the Annual 2007 Remedial Ground Water Monitoring Report for the site on April 2, 2008.
- The 3rd Five-Year Review to document remedial action performance was completed on September 16, 2008. The protectiveness determination was deferred until further information is obtained. Work will be conducted by the RPG with EPA and State oversight; a more favorable protectiveness statement is expected by September 2009.

## Benefits

The completion of OU2 activities eliminated the threat of overflow of accumulated rainwater contaminated by the sludge pits, thereby reducing the direct contact threat to nearby residents and the threat to the local drinking water supplies. Cleanup has returned approximately 8-acres to unlimited use. The remainder of the site will have limitations on its use.

## National Priority Listing (NPL) History -

Proposed Date Final Date:	: June 24, 1988 March 31, 1989
Location:	Approximately 2.5 miles southwest of Abbeville, Vermilion Parish 1.5 miles west of the Vermilion River Adjacent to the south is the D.L. Mud, Inc. Superfund site
Population:	Approximately 2,600 people live within 3 miles of the site.
Setting:	Approximately 2,600 people obtain drinking water and about 1,000 acres are irrigated by private wells within three miles of the site. The site is surrounded by agricultural and residential land.
Hydrology:	The site is located above the shallow sand of Abbeville Unit of the Upper Chicot aquifer. The Abbeville Unit is the primary source of drinking water. Surface water drainage is to the LeBoeuf Canal or to the north drainage, which flows to the Coulee Galleque.
Principal Pollutants:	The sludge and shallow aquifer contaminants include benzene, toluene, mercury, lead, chromium, arsenic, barium, and various organic compounds. The contaminants in `the site soil included arsenic and barium.



## Health Considerations:

Cleanup of the principal pollutants removed direct human contact and upstream risks, as well as a potential ground water threat and contamination to the Vermilion River.

## **Record of Decision**

RODs Signed on September 30, 1992

Operable Units 1 & 2

Amended ROD Signed on May, 5, 1995

Operable Unit 1

The remedy for Operable Unit 1 included on-site biological treatment of organic-contaminated sludge and soil, as well as stabilization of inorganic soils.

The remedy for Operable Unit 2, the interim action to the ground water, included source control, such as dewatering and consolidation and ground water monitoring.

#### **Site Contacts**

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