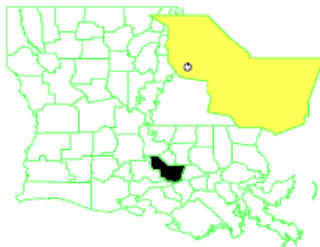


Bayou Sorrel Site (Iberville Parish) Louisiana

EPA ID# LAD980745541
Site ID: 0600573



EPA REGION 6 CONGRESSIONAL DISTRICT 06

Contact:
Laura Stankosky 214-665-7525

Updated: May 2009

Current Status

- Five-Year Review status – The site was inspected by the EPA and the Louisiana Department of Environmental Quality to start the Five-Year Review evaluation of the remedy on March 28, 2008. Notices for the completion of the Five-Year Review were published in the Baton Rouge Advocate on September 19, 2008, and in the Iberville Parish Post South on September 25, 2008. The Five-Year Review was signed final on August 22, 2008. The remedy remains protective of human health and the environment.
- The site is currently in operation & maintenance status. The routine annual ground water monitoring will continue to ensure protectiveness of the EPA cleanup actions. Additionally, annual inspections of the cap are conducted to ensure integrity. Because waste is contained in a clay cap system, the site is not suitable for general reuse.

Benefits

- Over 1 million cubic feet of waste have been contained in a slurry-walled, multi-layered clay cap system. All contaminants have been contained and exposure potential has been eliminated.
- The remedy ensures protection of nearby sensitive environmental areas as well as protection of underlying aquifer used by thousands of people in the Parish.
- The remedy includes extensive monitoring to ensure protectiveness is maintained.
- The EPA continues to monitor the site to ensure that the site is safe and no longer poses a threat to public health or the environment.

National Priorities Listing (NPL) History

NPL Inclusion Proposal Date: December 30, 1982
NPL Inclusion Final Date: September 8, 1983
NPL Deletion Proposal Date: June 4, 1997
NPL Deletion Final Date: September 29, 1997

Site Description

Location: 20 miles SW of Baton Rouge, six miles north of the Town of Bayou Sorrel. Section 40-43, Township 10 South, Range 10 East, in Iberville Parish, Louisiana.

Population: Approximately 100 year round residents within 5 miles of site.

Setting: 50 acres of the 256 total site acreage used for wastes dumping. Site is surrounded by remote back swamp environment.

Hydrology: 75-125 feet of clays & silts beneath site. Below clays - sand, gravels & silts possibly to 700 ft.

below land surface. This sand, silt and gravel layer is the Plaquemine aquifer. Ground water withdrawal from the Plaquemine aquifer is minimal, due to low population density and poor ground water quality.

Wastes And Volumes

Primary Contaminants:

Process wastes from pesticide/herbicide manufacturing.

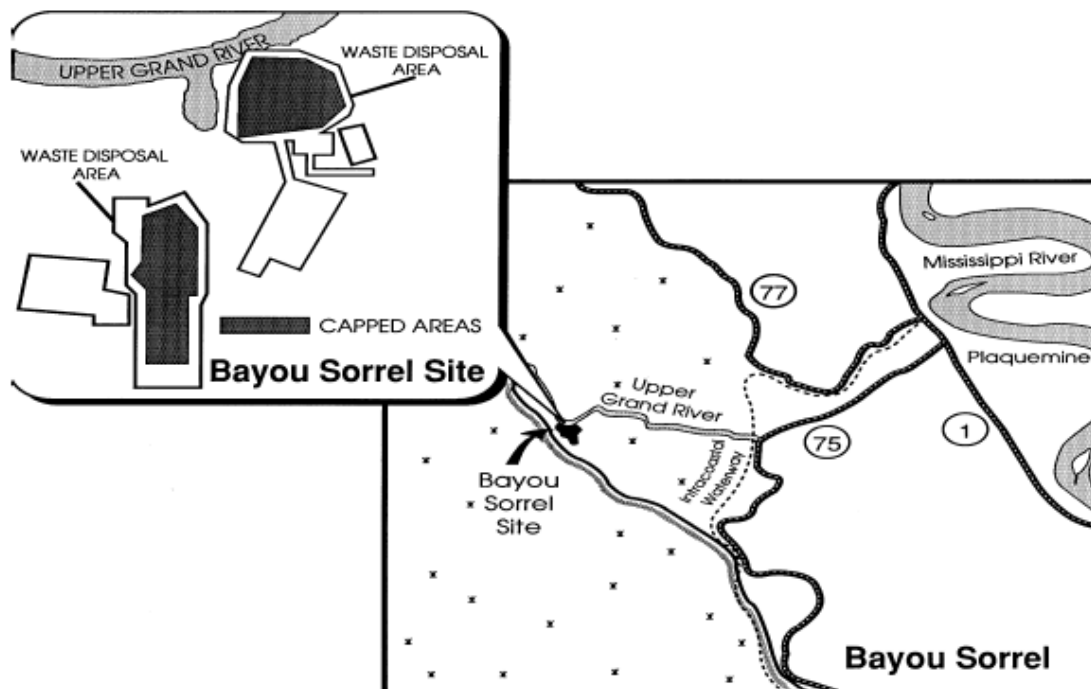
Sulfide containing wastes from hydrocarbon processing and exploration.

Spent wash from boiler and process-equipment cleaning.

Volume:

Approximately 1,000,000 cubic feet of contaminated soil and sediments.

Site Map



Health Considerations

Direct Contact: Human exposure to contaminated soil/sediment.

Ground Water: Human ingestion of contaminated source.

Surface Water: Human ingestion of contaminated source.

Same risks as above with respect to aquatic organisms and on site game animals.

Record of Decision (ROD)

EPA signed the Record of Decision on November 16, 1986.

The ROD's remedy called for Geomembrane cap with slurry walls, gas venting systems, and ground water monitoring.

Remedy cost estimate: \$28,700,000.

The EPA will inspect the site at least once every five years.

Site Contacts

EPA Remedial Project Manager:	Laura Stankosky	214-665-7525 or 800-533-3508
EPA Site Attorney:	Edwin Quinones	214-665-8035 or 800-533-3508
LDEQ Louisiana State Contact:	Laurie Peacock	225-219-3415
EPA Public Liaison	Donn R. Walters	214-665-6483 or 800-533-3508