

PETRO-PROCESSORS OF LOUISIANA, INC. EAST BATON ROUGE PARISH LOUISIANA



EPA REGION 6
CONGRESSIONAL DISTRICT 06

Contact:
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EPA ID# LAD057482713
Site ID: 0600442

Updated: December 2009

Current Status

- Recovery of Non Aqueous Phase Liquids (NAPLs) was discontinued at the Brooklawn and Scenic sites based in the current low recovery rates and recent modeling that has shown that further recovery attempts are not required to protect the 400-foot aquifer. Pipe rack demolition, plugging of abandoned wells, and dismantling equipment no longer used was recently completed. See recently posted Brooklawn photos.
- Site long-term monitoring activities and inspection will continue under approved work plans.
- The EPA in coordination with the LDEQ and NPC Services conducted a Five-Year Review of the remedy and found that the remedy is protective of public health and the environment. A fact sheet was mailed in March 2005 and the final report was signed in December.
- Additional investigations, characterization and testing is currently ongoing on the property west of the Scenic site to enhance bioremediation and the ongoing ground water Natural Attenuation processes.
- Pilot testing of enhanced natural attenuation started at the Scenic site in December 2008 with the installation of injection and extraction wells.

Benefits

- The rerouting of Bayou Baton Rouge and the engineered clay caps covering the Brooklawn and Scenic Sites reduced the migration of site contaminants and prevented air emissions from the source areas and exposure to nearby industries and residences.
- Continued research by LSU, site assessment and modeling efforts by Battelle Laboratories at the sites ensures that remedy implementation is successful.
- Risk Assessment work at the site (air risk assessment completed, indirect risk assessment for incinerator completed, and the ecological and human health assessments for the surrounding wetlands environment recently completed) ensures that technologies being implemented are protective of human health and the environment.
- Approximately 136 million gallons of water (1,134 million pounds) were recovered, treated and properly disposed, and approximately 956,000 gallons (10.76 million pounds) of organic fluids were recovered, treated and properly disposed.

National Priorities Listing (NPL) History

Proposed Date: September 8, 1983
Final Date: September 21, 1984

Location: - The Petro Processors Inc. site consists of two locations near Scotlandville, East Baton Rouge Parish, Louisiana, about ten miles north of the City of Baton Rouge.
- The Scenic Highway location is just west of US Highway 61 and north of the intersection of

Scenic Highway 964 and US Highway 61.

- The Brooklawn location is west, southwest of the Scenic Highway location.
- Adjacent to the Brooklawn location are portions of Devil's Swamp and Bayou Baton Rouge.

Population: - The community is predominantly rural with a few houses located about 800 to 1000 feet from the border of Scenic Highway location. Approximately 435 people live within 2 miles of the Brooklawn location.

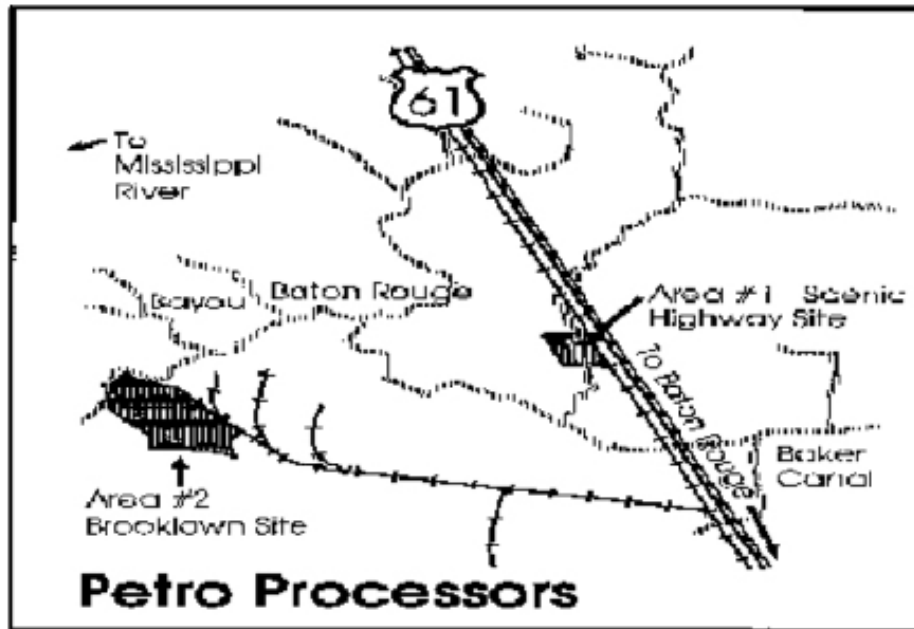
Setting: - Nearest residence is about 3,000 feet from the site.
- Nearest drinking water well is 3,000 ft. up gradient of the site.
- The Petro Processors site comprises two former petrochemical disposal areas situated about 1.5 miles apart: the Scenic Highway and Brooklawn areas, totaling 77 acres.

Photos: [Brooklawn Site 1 of 2](#)
[Brooklawn Site 2 of 2](#)
[Scenic Site](#)
[Swap Remediation \(October 2002\)](#)

Principal pollutants are petrochemical wastes including the following:

- Chlorinated Hydrocarbons
(Hexachlorobutadiene and Hexachlorobenzene are predominant contaminants)
- Polycyclic Aromatic Hydrocarbons (PAHs)
- Heavy Metals
- Oils

Site Map



Health Considerations:

- In the past, spontaneous ignition of the waste resulted in fires in the upper lagoon on several occasions.
- In 1969, a spill from the lagoons contaminated portions of a nearby ranch and 30 cattle were killed.
- Site is located over the "400-foot sands", a major drinking water aquifer.

Record of Decision (ROD)

Signed: Consent Decree 1984
Amended: Consent Decree 1989

- The existing 1984 Consent Decree and 1989 Amendment is a framework for a Source Control and Ground water Containment Remedial Action (RA) for the Petro Processors Site.
- The SRAP, incorporated by reference into the CD, calls for a system of about 200 recovery and containment wells at the Brooklawn Site, following capping of the contaminated lagoons. A similar system has been designed for Scenic and was be used in addition to the Natural Attenuation processes occurring in the ground water and Natural Recovery in stream sediments.

Site Contacts

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