

OLD INGER OIL REFINERY ASCENSION PARISH LOUISIANA



EPA REGION 6
CONGRESSIONAL DISTRICT 03

Contact:
Bart Cañellas 214-665-6662

EPA ID# LAD980745533
Site ID: 0600572

Updated: November 2009
Other Names: Darrow Oil

Current Status

- The State evaluated current ground water conditions after the removal of the original lagoons, the construction of the LTU, excavation and treatment of contaminated soils, and site backfilling with the treated soils (current closure). These studies required the installation of monitoring wells and several rounds of sampling to establish if further action is needed.
- Results of the ground water evaluation support issuing an Explanation of Significant Differences (ESD) and a Final Close Out Report (FCOR) on September 12, 2006. The site moves now to the construction completion list.
- In 2007, the EPA completed a Five-Year remedy review and found the remedy protective of public health and the environment. A public notice was published in a local newspaper and a fact sheet was mailed in March 2007.
- During 2008 the EPA prepared a deletion package for this site. A Notice of Intent to Delete was published in the Federal Register on June 13, 2008. The public comment period closed July 14, 2008. No adverse comments were received; deletion became effective August 12, 2008.
- Photos: [Before and After](#) [1990](#) [1998](#) [2002](#)

Benefits

The immediate removal actions taken to reduce the contamination in the pits and lagoons and to limit site access reduced the potential for contact with site contamination and the further spread of contaminated materials. These initial cleanup actions reduced possible exposure pathways and further environmental impact while long-term cleanup remedial activities proceeded.

Approximately 63,398 tons of contaminated material was treated, some 218,088 gallons of tank oils were properly disposed and approximately 30 million gallons of water were treated and discharged.

National Priorities Listing (NPL) History

Proposed Date: December 30, 1982
Final Date: September 8, 1983

Location: Between Highway 75 and the Mississippi River, Ascension Parish, midway between Baton Rouge and New Orleans. 4.5 miles north of Darrow.

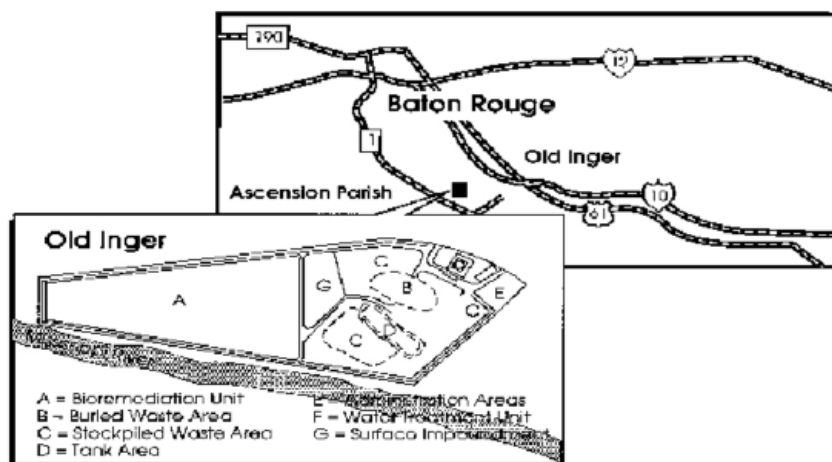
Population: 367 people live with 2 miles of the site.
19,500 people live within 10 miles of site.

Setting: Rural, adjacent to the Mississippi River levee.

Nearest residence is 0.3 miles south of the site.
Nearest drinking water well is 0.5 miles south of the site.
Area is generally flat and subject to water-ponding during heavy rains.

Principal Pollutants: Polynuclear aromatic compounds (ex; 49,000 parts per billion (ppb) phenanthrene in sediment). Heavy metals (ex; 130 ppm zinc - sediment).

Site Map



Health Considerations

- Ground water in area used for drinking.
- Surface water used for irrigation.

Record of Decision (ROD)

Signed: September 25, 1984

The original remedy included the following:

- Close and seal an ungrouted on site well. *
- Pump and treat shallow ground water via carbon absorption. *
- Carbon adsorption treatment and discharge off site of contaminated surface waters on site.
- In situ containment and capping of slightly contaminated soils & sludge.
- On site land treatment of contaminated soils and sludge Treatment will include synthetic liner (per 10-29-87 HQ decision).
- Disposal of contaminated wood.
- Land Use Restrictions

* The Explanation of Significant Differences (ESD), signed on September 12, 2006, documents that these actions are not required after implementation of other elements of the remedy.

<u>Other Remedies Considered</u>	<u>Reason Not Chosen</u>
1. Deep well disposal of contaminated fluids	Cost
2. Off site disposal	Cost; non-permanent remedy
3. On site landfill	Possibility of major release if levee fails
4. No action	Poses threat to public health and the environment

Site Contacts

EPA Remedial Project Manager:	Bartolome J Cañellas	214-665-6662
EPA Site Attorney:	Gloria Small-Moran	214-665-3193
EPA Regional Public Liaison:	Donn R. Walters	214-665-6483
EPA Toll Free Number		1-800-533-3508
LDEQ State Contact:	Todd Thibodeaux	225-219-3225