

NPL Site Narrative for Indian Refinery- Texaco Lawrenceville

INDIAN REFINERY-TEXACO LAWRENCEVILLE Lawrenceville, Illinois

Conditions at Proposal (July 28, 1998): Indian Refinery-Texaco Lawrenceville is located in the southeast section of Lawrenceville, Illinois. The facility is approximately 940 acres in size and is currently owned by American Western Refining Company, Indian Refining Company, and the City of Lawrenceville. American Western owns the refinery portion of the facility. The remainder of the facility consists of the northeast portion of the facility, which is known as Indian Acres, and a land treatment area located on the northwest portion of the property. Indian Acres and the land treatment unit are owned by the Indian Refining Company. However, a small northern section (approximately 20 acres) of Indian Acres was sold to the City of Lawrenceville for the construction of a wastewater treatment plant. The Indian Refinery-Texaco Lawrenceville site is bordered to the south and to the west by wetlands, agricultural lands, and residential areas. Residential areas are also located north of the site. The Embarras River forms the eastern boundary of the facility.

The facility began operations in 1907. A variety of operations occurred on the property as part of the crude oil refining process. The northeastern portion of the site, referred to currently as Indian Acres and Indian Acres North, was dedicated to lube oil refining and production. The lube oil production facility was abandoned and demolished some time after World War II and the area was used for land disposal. Typical refinery wastes deposited within this area included: lube oil filter clay sludge; acid sludge; and spent filter clays. The current refining facility is located in the central portion of the site and consists of a wastewater treatment area, process units, refinery equipment, settling basins, API separators, tanks, and disposal areas. The western portion of the site contains land treatment units and tanks. The southern portion consists mainly of tanks, wetlands, and a pond.

In 1983 and 1984, a CERCLA Preliminary Assessment and a Screening Site Inspection were conducted at the refinery while the facility was still active and owned by Texaco. There is no documentation that samples were collected. In 1985, Texaco Refining and Marketing Inc. suspended operation and shut down the refinery units. Through various stock transfers and change in ownerships, the following companies have all owned the facility: Indian Refining Company, Texaco Refining and Marketing, Texaco Refining and Marketing Inc. Holdings, Oil Producers Association Inc., Capserrco Inc., Indian Refining Limited Partnership (a subsidiary of Castle Energy Corporation), and American Western Refining, L.P. In 1986 the Illinois EPA conducted a Preliminary Review and visual site inspection in which 33 solid waste management units were identified. In 1996, the Illinois EPA's Site Assessment Unit conducted a CERCLA Site Team Evaluation Prioritization (STEP) investigation of the refinery and property surrounding the complex. Environmental sampling was undertaken in July and December of 1996. During this inspection, several sources were characterized for purposes of Hazard Ranking System scoring. These sources include the Indian Acres (wastepile); Heliport (landfill); B&O Pond (surface impoundment); C-Pond (surface impoundment), Hickory Street property (wastepile); and the 4th Street property (wastepile).

The surface water overland flow/flood migration pathway and the soil exposure pathway were scored for this site. An observed release to the Embarras River and two wetlands were documented. Three individuals reside at areas of observed contamination with Level I concentrations of contamination.

Status (December 2000): EPA is considering various alternatives for this site.

For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at [ATSDR - ToxFAQs](http://www.atsdr.cdc.gov/toxfaqs/index.asp) (<http://www.atsdr.cdc.gov/toxfaqs/index.asp>) or by telephone at 1-888-42-ATSDR or 1-888-422-8737.