

# NPL Site Narrative for Petro-Chemical Systems, Inc. (Turtle Bayou)

## PETRO-CHEMICAL SYSTEMS, INC. (TURTLE BAYOU) Liberty County, Texas

**Conditions at proposal (October 15, 1984):** The Petro-Chemical Systems, Inc. (Turtle Bayou) Site covers 312 acres approximately 7 miles north of Interstate 10 in Liberty County, Texas. In 1971, Liberty Trash Service and French, Ltd. delivered waste oils and at least 4,000 cubic yards of other petrochemical sludges to the site. Additional materials were applied as road oil to the dirt road in the vicinity of the site. In 1971, Petro-Chemical Systems, Inc., was issued a permit by the State to dispose of waste at the site. Subsequently, a court injunction negated the authority of the permit. In 1974, the permit was revoked.

Drinking water for about 200 people in this rural area comes from 51 shallow wells approximately 25 feet deep.

According to analyses conducted by the State, soil is contaminated with a number of toxic organic chemicals.

**Status (June 10, 1986):** Under a cooperative agreement with EPA, the State is planning a remedial investigation/feasibility study to determine the type and extent of contamination at the site and identify alternatives for remedial action. The State's contractor submitted a workplan, which the State and EPA approved on July 22, 1985. Field work for the off-site portion of the site is underway.

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.