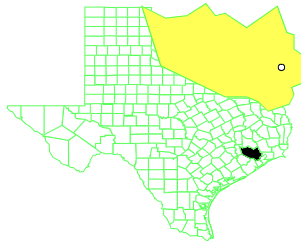


BRIO REFINING SUPERFUND SITE

Harris County, Texas



EPA REGION 6 CONGRESSIONAL DISTRICT 22

Contact:
Gary Miller 214-665-8318

EPA ID# TXD980625453
Site ID: 0602601

Updated: August 2010

Current Status

The site is currently in an operations and maintenance phase. The Third Five Year Review was completed on April 25, 2008. The review found that the remedy at the site is currently protective of human health and the environment. Elevated ground water contaminant concentrations have been reported in the Fifty-Foot Sand water bearing zone (FFSZ) at one well within the Brio Site boundary. The Brio Site Task Force is completing the field work for an investigation of the FFSZ groundwater at multiple locations on site in order to assess the need for further remedial action.

The site was deleted from the National Priorities List in December 2006. The next Five-Year Review Report is scheduled for completion by April 25, 2013.

Benefits

The completion of the construction of the containment remedy in 2004 will provide long-term reduction of risk to human health. The installation of the subsurface barrier wall and the groundwater control system will ensure that contaminated groundwater is contained underneath the site and will not discharge into surface water. The multi-layer cover system over the site reduces the risk from direct contact with the residual wastes at the site.

The site is currently ready for anticipated use (non-residential).

National Priorities Listing (NPL) History

Proposed Date: 10/05/1984
Final Date: 3/31/1989

Deletion Proposal Date: 06/23/2006
Final Deletion Date: 12/28/2006

Site Description

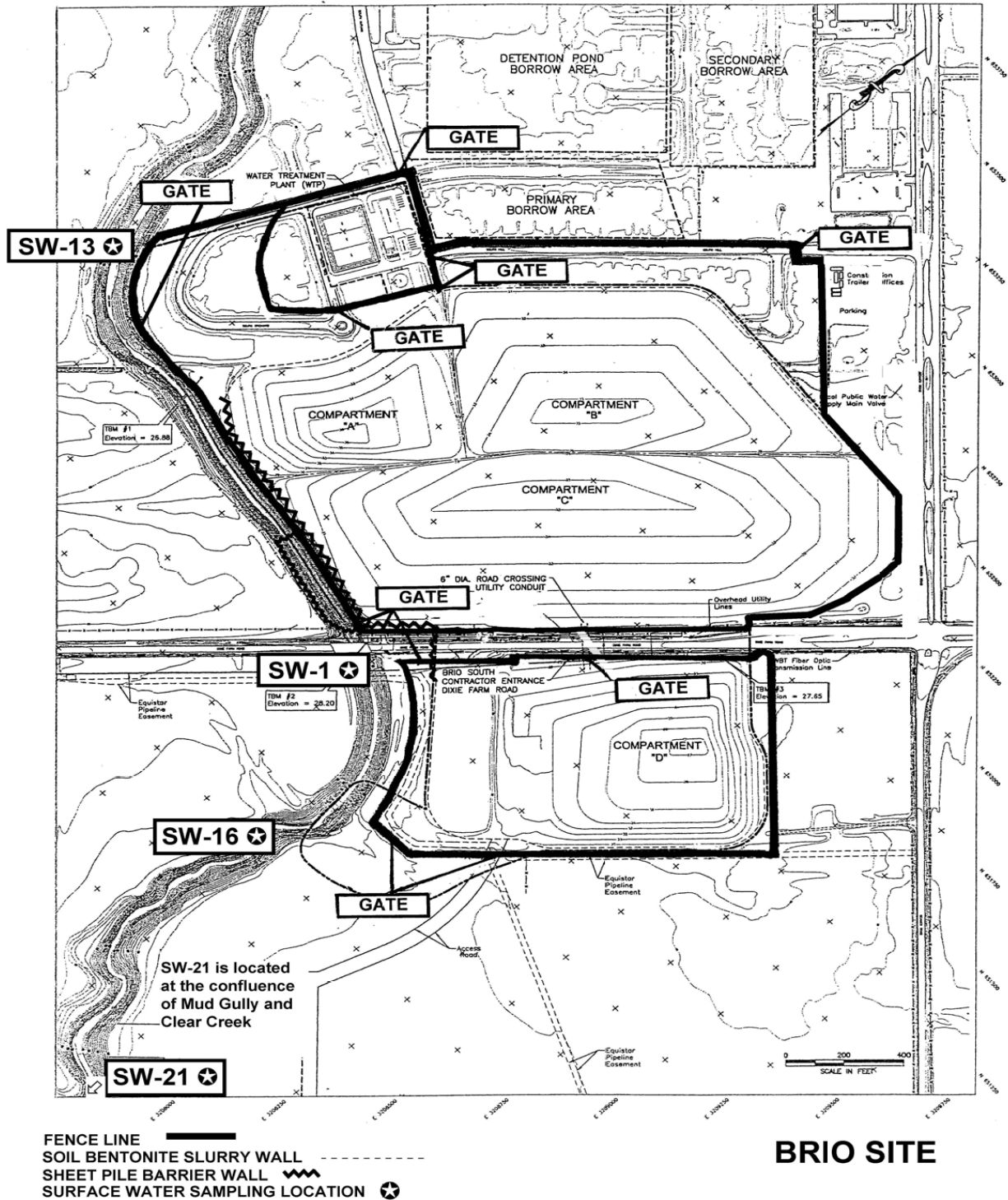
Location: The site is located almost 20 miles south of Houston at 2501 Dixie Farm Road in southern Harris County, Texas.

Population: Approximately 3600 people live within the 2000 census tract surrounding the site.

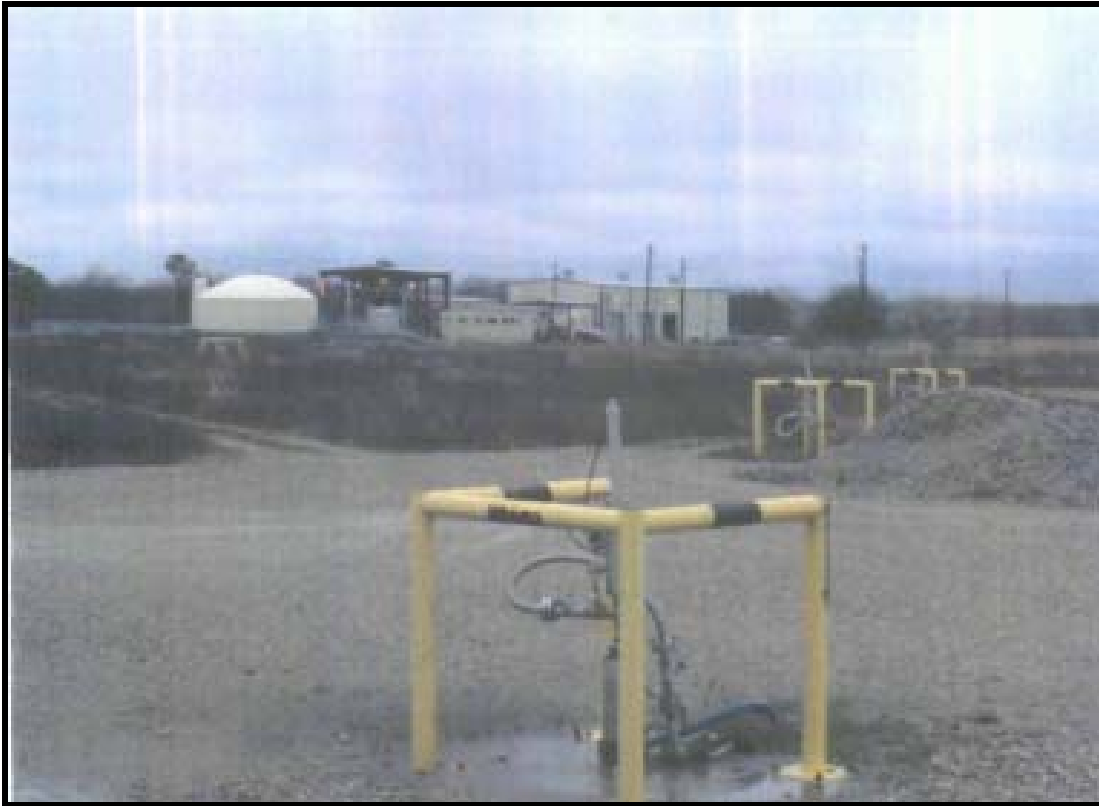
Setting: The site occupies approximately 58.1 acres. Dixie Farm Road divides the site into two parcels. The current land use of the surrounding area is residential to the northeast across Beamer Road. A buffer of undeveloped land exists to the north, west, and south of the site. The property to the south is being used as a wetland and forest habitat as part of a Natural Resource Restoration Project implemented by the Brio Site Task Force.

Hydrology: The Numerous Sand Channel Zone (NSCZ) and the Fifty-Foot Sand are the two uppermost water bearing units at the site. The upper zone, the NSCZ at 14-feet to 32-feet below ground surface, lies below the upper clay and flows toward and discharges into Mud Gully to the west. The Fifty-Foot Sand is separated from the NSCZ by the Middle Clay Unit, which varies between 8 and 20-feet thick. The fifty-Foot Sand occurs at a depth of 52-feet to 61-feet below ground surface and ranges in thickness from 35-feet to 45-feet. Groundwater in the Fifty-Foot Sand flows in a south-southeastern direction.

Site Map



Site Pictures



Site Contacts

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State Community Relations	Bruce McAnally	512-239-2141
EPA Site Attorney:	Anne Foster	214-665-2169
EPA State Coordinator:	Kathy Gibson	214-665-7196
EPA Toll-Free Telephone Number:		1-800-533-3508