

UNITED CREOSOTING (MONTGOMERY COUNTY) CONROE, TEXAS

EPA REGION 6
CONGRESSIONAL
DISTRICT 08

EPA ID# TXD980745574
Site ID: 0602803



Contacts:
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Updated: June 28, 2010

Current Status

The TCEQ has the lead for operations and maintenance of the ground water monitoring system. EPA completed the second Five-Year Review in September 2005. The review determined that the completed soil remedial action remains protective of human health and the environment because the cleanup goals were achieved in the industrial and residential portions of the site. The residential and industrial cleanup goals for the soil remain unchanged from the decision documents and there have not been any changes in the land use. The Five-Year Review also determined that the ongoing ground water remedial action remains protective of human health and the environment because the site is within the service area of the Conroe municipal water supply, there are no private water supply wells within the affected area, an exposure pathway does not exist for the contaminated ground water, and the ground water does not discharge into a surface water body. The cleanup goals for the ground water remain unchanged from the decision document.

Benefits

The soil cleanup has allowed redevelopment of the property for both residential and commercial use. The ongoing monitoring of the ground water as part of the monitored natural attenuation remedy will prevent accidental exposure to the contaminated ground water and monitor any changes in the area ground water usage.

National Priorities Listing (NPL) History

NPL Inclusion Proposal Date: September 8, 1983
NPL Inclusion Final Date: September 21, 1984

Site Description

The Site is located in Conroe, Montgomery County, approximately 30 miles north of Houston, Texas. Approximately 15,000 people live within two miles of the site. The nearest drinking water well is 1.8 miles southeast of the Site, screened 160 feet below the ground surface. The Site is now partially residential, and partially commercial and approximately 100 residences are located on the former Site property. The Site is approximately 100 acres in size.

The shallow water-bearing zone is 60 feet deep and is currently not being used. The first water-bearing zone used for domestic supply is 125 feet deep. The City of Conroe water supply is 400 to 1000 feet below ground surface.

Wastes and Volumes

The cleanup goal for pentachlorophenol (PCP) in the ground water is 1 ppb. The current PCP plume defined by the 1 ppb limit is approximately ½ mile in length extending from north to south in the general direction of ground water flow. The highest PCP concentration measured in the shallow water-bearing zone is 340 ppb.

Record of Decision (ROD)

The interim Record of Decision was signed on September 30, 1986. The site-wide ROD was signed on September 29, 1989, and the ROD Amendment was signed on October 14, 1998

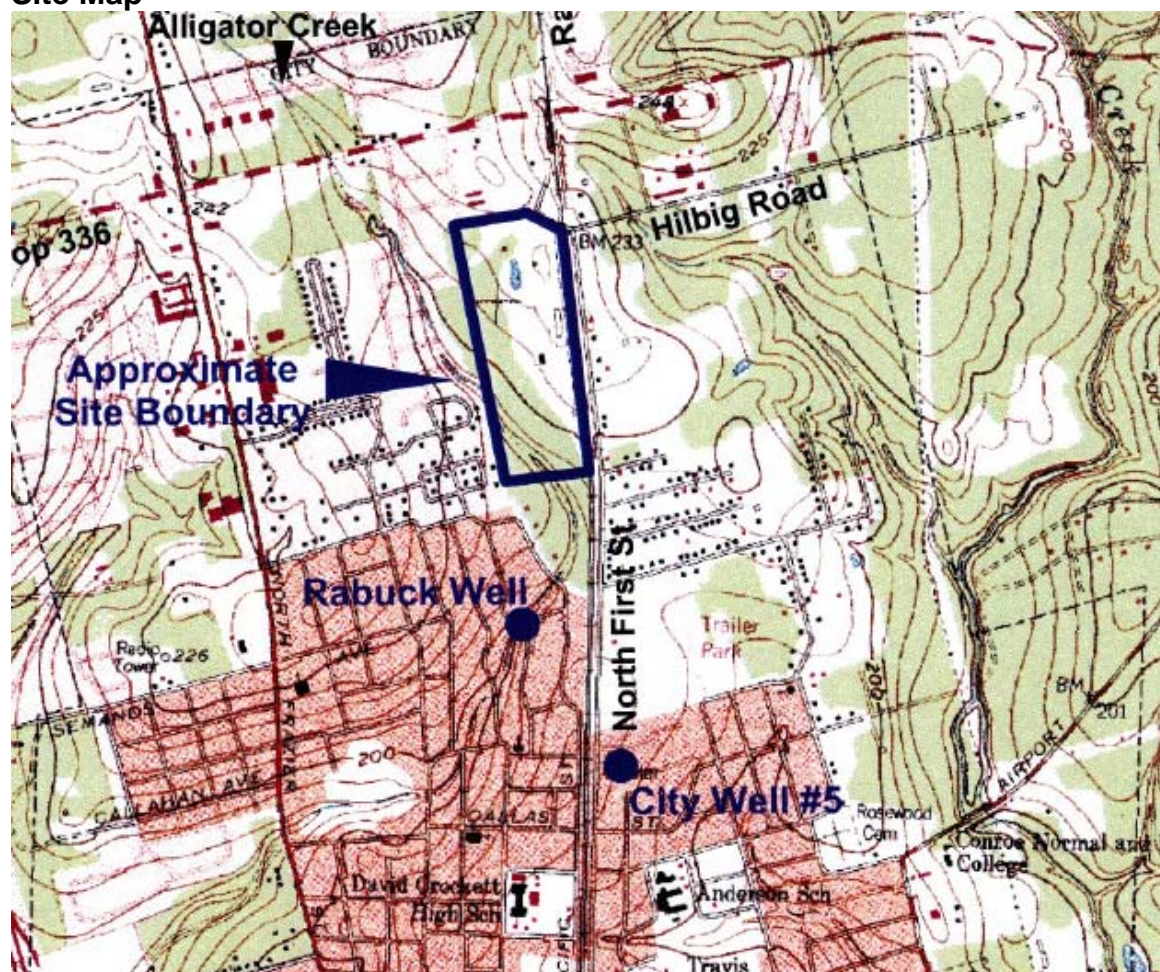
Site Contacts

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TCEQ Project Manager	Jeff Patterson	512-239-2489

EPA Superfund Region 6 Toll Free Number: 1-800-533-3508

Information Repository: Montgomery County Memorial Library, 104 I-45 North, Conroe, TX 77301, (936) 539-7814

Site Map



The following illustration depicts the extent of the PCP contamination in the shallow ground water above the 1 ppb limit. For orientation purposes, north is to the left of the map.

