

**Bandera Road
Ground Water Plume
BEXAR COUNTY
LEON VALLEY, TEXAS**



EPA REGION 6
CONGRESSIONAL DISTRICT 20

Contact:
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EPA ID# TXN000606565
Site ID: 0606565

Last Updated: June 9, 2015

**Effective October 1, 2015 this Site Status Summary will be replaced with a new site profile.
The new site profile will be available at: www.epa.gov/superfund/bandera-road-ground-water-plume**

Current Status

The Bandera Road Ground Water Plume Superfund Site Record of Decision (ROD) was issued on September 30, 2013, and selected the Preferred Alternative identified in the Proposed Plan to address contaminated vapor, soil and ground water at the Site. The final ROD was based on information presented in the Remedial Investigation/Feasibility Study and considered input on the Proposed Plan provided during the public comment period (July 18, 2011 – October 15, 2011). The Texas Commission on Environmental Quality (TCEQ) provided their input and concurrence on the Proposed Plan and ROD.

Enforcement: The EPA is proceeding to negotiation of the design and implementation of the remedy selected by the 2013 ROD. Special Notice Letters have been issued to Potentially Responsible Parties (PRPs) to inform them of potential liability for contamination at the Site. Informational meetings have taken place between EPA and PRPs in advance of Remedial Design/Remedial Action (RD/RA) Consent Decree negotiations.

Background

The Bandera Road Ground Water Plume Superfund Site (Site) is located in the City of Leon Valley, Bexar County, Texas. The Site encompasses an area of approximately 1 mile long by ½ mile wide. The site was identified as a result of assessment activities conducted pursuant to the Texas Commission on Environmental Quality Voluntary Clean-up Program. The investigation identified the presence of tetrachloroethene (PCE) and trichloroethene (TCE) in concentrations above the Maximum Contaminant Level within the Edwards Aquifer. The Maximum Contaminant Level for both is 5 parts per billion. The Edwards Aquifer is the sole-source drinking water aquifer for central Texas.

Benefits

The purpose of EPA's remedial investigation is to identify the nature and extent of ground water contamination and potential vapor intrusion exposure pathways. This information will be used in

developing remediation strategies to address potential risks posed by the impacted soils and ground water.

National Priorities Listing (NPL) History

NPL Inclusion Proposal Date: September 26, 2006
NPL Inclusion Final Date: March 7, 2007

Site Description

The Site is centered in a business area, with some homes nearby, between Poss Road and Grissom Road, southwest of Bandera Road. Ongoing sampling and the investigation may affect the estimated plume extent. Two City of Leon Valley public water supply wells are within one mile of the center of the contamination plume. These two public water supply wells are routinely sampled by EPA to ensure public safety.

Wastes and Volumes

The site is being evaluated as a ground water plume containing PCE, TCE and cis-1,2-dichloroethene (cis-1,2-DCE). To date, fourteen wells were found to be contaminated with PCE and/or TCE at or above the 5.0 parts per billion. Three of these wells were Edwards Aquifer wells which have been plugged and abandoned. An additional well which was located at an automotive repair facility was also plugged and abandoned.

The most impacted well is an Austin Chalk monitoring well located by a former dry cleaning facility in which PCE concentrations as high as 11,700 ppb have been detected.

Health Considerations

Human exposure to contaminated ground water is currently prevented by providing access to a public water supply for residences whose wells were found to be contaminated with PCE/TCE above the Federal drinking water standards. Water well sampling is continuing to ensure additional wells are not being impacted. As discussed previously, vapor mitigation efforts have been taken to address vapor intrusion in the area around a former dry cleaning facility.

Record of Decision (ROD)

A Record of Decision (ROD) was issued on September 30, 2013, following completion of the Remedial Investigation/Feasibility Study and public input on the Proposed Plan. The community and interested parties were encouraged to review the data and comment on the preferred remedy identified by the EPA. The final ROD considered both community comments and input and concurrence from the Texas Commission on Environmental Quality. The ROD is available on the Region 6 Superfund Decision Documents webpage <http://www.epa.gov/region6/6sf/6sf-decisiondocs.htm>. The Bandera Road Ground Water Plume ROD is in two parts: the first is the text only; the second includes the figures, tables, and supporting data. The ROD and supporting documents are also available at the following information repository:

Leon Valley Public Library
6425 Evers Road
Leon Valley, Texas, 78238
210-684-0720

Hours: Tues-Fri, 10:00 am – 6 pm; closed Monday.

Site Contacts

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TCEQ Project Manager	Marilyn Long	512-239-0761

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

Site Figure

The following figure shows the maximum PCE detections in ground water for samples collected from September 2010 through May 2012. The “U” flagged values indicate that PCE was not detected at the laboratory reporting limit. Samples were collected from four categories of wells, as designated:

Legend

-  Anacacho Limestone Well
-  Austin Chalk Well
-  Buda Limestone Well
-  Municipal Well

