



# BANDERA ROAD GROUND WATER PLUME SITE

San Antonio, Bexar County, Texas

July 2009

## This Fact Sheet will tell you about.....

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### Current Activities

As part of the U.S. Environmental Protection Agency's (EPA) ongoing investigation, eight ground water monitoring wells were installed earlier this year. These wells include six Austin Chalk wells installed to a depth of approximately 175 feet and two deeper Edwards Aquifer wells. These wells were installed to further define the extent of ground water contamination in the area. Geophysical well logging, performed by the Edwards Aquifer Authority, was conducted on these new wells to better define the area's local geology. Ongoing work to measure the ground water flow velocity and identify ground water flow directions, hydraulic connections, and the pattern of water movement is being planned.

In addition to installing eight new wells, five existing water wells in the area were plugged and abandoned this year. Four of these wells were determined to be acting as pathways for contaminants to migrate from overlying water bearing formations into the Edwards Aquifer. The deteriorated condition of the surface casing of the fifth well was such that this well needed to be plugged and abandoned.

### Site Description/Background

The Bandera Road Ground Water Plume site is situated in Bexar County, in the City of Leon Valley, in the northwestern section of the City of San Antonio, Texas. The current estimated site area is approximately one mile long by one-half mile wide. 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 investigation may affect the estimated extent of contaminated ground water.

The site consists of a ground water plume contaminated with tetrachloroethene, trichloroethene and cis-1, 2-dichloroethene.

The site was identified through assessment activities conducted by the Texas Commission on Environmental Quality Voluntary Cleanup Program. The investigation identified the presence of tetrachloroethene and/or trichloroethene concentrations above the Federal Drinking Water Standard of 5.0 parts per billion. 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 continue to be sampled by EPA on a monthly basis to ensure these municipal water wells have not been impacted by the contamination.

### For more information on the site, please contact:

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**All media calls should be made to the External Affairs office at 214.665.2200.**

A Site Status Summary for this site can be found at <http://www.epa.gov/earth1r6/6sf/6sf-tx.htm>.

The site Information Repository is located at the Leon Valley Public Library, 6425 Evers, Leon Valley, TX 78238.

**To receive a Spanish translation of this fact sheet call U.S. EPA at 1.800.533.3508 (toll-free).**

**Para recibir una traducción en español de esta hoja de datos, comunicarse con la Agencia de Protección del Medio Ambiente de los EEUU (la EPA) al número de teléfono 1.800.533.3508 (llamada gratis).**