

East Central Phoenix 40th Street and Osborn Road Water Quality Assurance Revolving Fund Site - July 2010

The Arizona Department of Environmental Quality (ADEQ) is investigating groundwater contamination at the East Central Phoenix (ECP) 40th Street and Osborn Road Water Quality Assurance Revolving Fund (WQARF) site. The ADEQ WQARF Program, which is also known as the State Superfund Program, investigates and cleans up contaminated groundwater and soil sites throughout the state. The site boundaries approximate a circle about 800 feet in diameter centered on Salt River Project (SRP) Well 17.9E-7.5N. The actual center of the circle is approximately 400 feet west of 40th Street and 50 feet south of Osborn Road.

WHAT ARE THE CONTAMINANTS AT THE SITE?

The main contaminants of concern at this site are tetrachloroethene (PCE) and trichloroethene (TCE). PCE is a manufactured chemical widely used for dry cleaning and metal degreasing. TCE is a colorless liquid used as a solvent, metal degreasing agent, and in other industrial applications. TCE has only been detected above the Aquifer Water Quality Standard (AWQS) of 5.0 micrograms per liter ($\mu\text{g}/\text{l}$) one time in November 1996 at the SRP well. TCE has not been detected at any other time over the AWQS from the initial sampling event in 1983 until present. Contaminants of concern at the site may change as new data become available.

WHAT IS THE HEALTH/WATER QUALITY?

Any risks associated with exposure to contaminated groundwater are principally through drinking the contaminated water. **The groundwater under this site is not used in the public drinking water system.** If you are connected to a public drinking water system, your public water provider is required by law to provide water that meets all state and federal drinking water standards. The City of Phoenix (COP) conducts regular testing of your drinking water to ensure the standards are met and to ensure safe drinking water is delivered to the community. For more information on your water quality, contact the COP Water Services Department at (602) 262-6251. If you have a pri-

vate well near the site, please contact the ADEQ project manager at (602) 771-4414. There is currently no known threat of direct exposure to the public from the contamination at the site.

SITE HISTORY

The 40th Street and Osborn Road Site is part of the larger ECP study area, which was placed on the WQARF Priority List in 1987. Activities for the ECP sites have included researching facilities that used hazardous substances, installing and sampling groundwater monitoring wells, and distributing questionnaires concerning the use of contaminants of concern. This site was placed on the WQARF Registry in May 2000 with a score of 30 out of a possible 120. During routine monitoring in 1998, PCE was detected in SRP Well 17.9E-7.5N at levels above the regulatory standard. The industrial survey was expanded to include the area northwest of the SRP well bounded by 40th Street, Indian School Road, 44th Street and Osborn Road. The findings indicate that several dry cleaning establishments are/were located upgradient of the site.

INVESTIGATION/CLEANUP ACTIONS

In 2003, a groundwater monitor well was installed by ADEQ in the Osborn Road alignment, west of 40th Street. In June 2007, ADEQ initiated the remedial investigation for the site. Wells BMW-2 and BMW-3 were installed in 2008, northeast of the SRP well. Both wells had PCE concentrations in the groundwater above the regulatory standard.

WHAT ARE ADEQ'S FUTURE PLANS AT THIS SITE?

Due to current budget constraints, all work at the site has been temporarily suspended. ADEQ plans to continue site investigations when funding is made available.

FOR MORE INFORMATION

Interested parties can review site information at the ADEQ main office located at 1110 W. Washington Street, Phoenix. Please contact (602)

771-4380 or (800) 234-5677 to schedule an appointment with 24-hour notice to review these documents. Once all documents requested have been collected, you will be contacted for a review Monday through Friday from 8:30 a.m. to 4:30 p.m. at the ADEQ Records Management Center, 1110 W. Washington Street in Phoenix.

For further information on this site or other WQARF sites, please visit ADEQ's Web site at www.azdeq.gov. Click on Waste Programs, then Superfund/WQARF, and follow the prompts for the information you need.

ADEQ CONTACTS

Michael Beasley
Site Project Manager
(602) 771- 4414*
E-mail: mb11@azdeq.gov

*In Arizona, but outside of the Phoenix area, call toll free at (800) 234- 5677 Ext. 771-4414.

Para información en español sobre este sitio, comuníquese con Felicia Calderon al (602) 771-4167.