

West Central Phoenix West Grand Avenue Water Quality Assurance Revolving Fund Site - April 2010

The Arizona Department of Environmental Quality (ADEQ) is investigating groundwater contamination at the West Central Phoenix (WCP) West Grand Avenue 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. This site is bounded approximately by West Osborn Road to the north, 31st Avenue to the east, Thomas Road to the south and 35th Drive to the west.

WHAT ARE THE CONTAMINANTS AT THE SITE?

The main contaminant of concern at this site is trichloroethene (TCE). TCE is commonly used as a chlorinated cleaning solvent. Contaminants of concern at the site may change as new data become available.

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 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 Phoenix Water Services Department at (602) 262-6251. If you have a private well near the site, please contact the ADEQ Project Manager at (602) 771-4186. There is currently no known threat of direct exposure to the public from the contamination at the site.

SITE HISTORY

ADEQ has been conducting an investigation in the WCP area to learn more about potential soil and groundwater contamination since it was made a state superfund site under WQARF in 1987. The West Grand Avenue Site was placed on the WQARF Registry in 1998 with a score of 17 out of a possible 120 and was re-scored in 2000 with a score of 22 out of 120. Field investigation activities at the

site were conducted between 1989 and 2002. The investigation indicated that the source of soil and groundwater contamination at the site is the Layke Incorporated facility. The Layke facility began operations in 1967 that included the manufacturing of various metal parts. TCE was the primary solvent used for parts cleaning/degreasing and a vapor degreaser had been used at the facility from 1969 to approximately 1989. Used chemicals were stored in 55-gallon drums in the waste storage area or in an underground storage tank (UST) prior to disposal. At various times, it appears that the UST overflowed, causing the waste inside the tank to leak out. The UST was removed in October 1990. Volatile organic compounds were first detected in groundwater in the WCP area in July 1982.



Underground Storage Tank at the Layke Facility.

INVESTIGATION/CLEANUP ACTIONS

Between 1990 and 1997, an early response action was conducted by Layke which included the installation of a soil vapor extraction (SVE) system in 1995 after the excavation of the waste oil UST indicated that soils had been contaminated with TCE. Between 2001 and 2002, soil samples were collected by ADEQ in the area of the UST to determine the effectiveness of the SVE system in cleaning up the soils. The soil data indicated that the contamination had been effectively remediated by the SVE system. Based on this, ADEQ granted a No Further Action request in December 2002. ADEQ received a request from Layke to permanently shut down the SVE system and was granted

permission in April 2004. A new groundwater monitoring well was installed in 2008. There are no cleanup actions being taken by ADEQ at this time.

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 groundwater sampling and monitoring 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, AZ.

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.

Technical Information:

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*In Arizona, but outside of the Phoenix area, call toll-free at (800) 234-5677 Ext. 771- 4186.

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