

Central and Camelback Water Quality Assurance Revolving Fund Site March 2013

SITE DESCRIPTION

ADEQ is investigating groundwater and soil contamination at the Central and Camelback WQARF Site. The ADEQ WQARF program, which is also known as state superfund, investigates and cleans up contaminated groundwater and soil sites across the state.

The Central and Camelback WQARF Site is located in central Phoenix. The area of study is bounded by Missouri Avenue to the North, Pierson Street to the South, Third Avenue to the West and First Street to the East.

WHAT ARE THE CONTAMINANTS AT THE SITE?

Groundwater at the site is contaminated with the following: tetrachloroethene (PCE), a commonly used solvent in the dry cleaning process; trichloroethene (TCE), a solvent primarily used in metal degreasing and cleaning operations; cis-1,2-dichloroethene (cis-1,2-DCE), used to produce solvents and in chemical mixtures, benzene, a component of gasoline, and 1,2-dichloroethane (1,2-DCA), a lead scavenger which was used in leaded gasoline to reduce the effects of lead oxide formation in automobile engines.

HEALTH/WATER QUALITY

Any risks associated with exposure to contaminated groundwater are principally through drinking water. The groundwater under the site is not used in the public drinking water system. Without a direct route of exposure, such as drinking the groundwater, there should be no risk to you.

NOTE: If your drinking water is provided by the City of Phoenix, it meets all regulatory drinking water standards.

The City of Phoenix 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 that standards are met and to ensure that safe drinking water is delivered to the community. For more information concerning your drinking water quality, please contact the City of Phoenix Water Services at (602)



Central and Camelback Groundwater Treatment Plant.

262-6251. If you are using a private well located within the boundary of the Central and Camelback WQARF site and are concerned about the water quality, please call Kevin Snyder, ADEQ Project Manager, at (602) 771-4186 or, toll free at (800) 234-5677, Ext: 771-4186.

For more information about possible health issues, please call the Department of Health Services, Office of Environmental Health, (602) 364-3118 or (800) 367-6412.

SITE HISTORY

The Central and Camelback WQARF Site was listed on the WQARF registry in 2000 due to the presence of PCE in groundwater. Historically, several dry cleaners operated in the area. Several other businesses are known to have sold petroleum fuel in the area and experienced leakage from underground storage tanks. An early response action (ERA) was initiated at the site with the installation of four groundwater extraction wells intended to prevent the plume from spreading. A groundwater pump and treat system began operating in 2003, initially pumping 90 gallons per minute. A soil vapor extraction (SVE) system was installed in November 2007, to treat soil contamination at the former Maroney's Dry Cleaner location (southwest corner of Central Avenue and Camelback Road).