

## Western Avenue Water Quality Assurance Revolving Fund Site July 2009

### SITE DESCRIPTION

The Arizona Department of Environmental Quality (ADEQ) is investigating groundwater contamination at the Western Avenue Water Quality Assurance Revolving Fund (WQARF) Site. The ADEQ WQARF program, which is also known as state Superfund, investigates and cleans up contaminated groundwater and soil sites throughout the state.

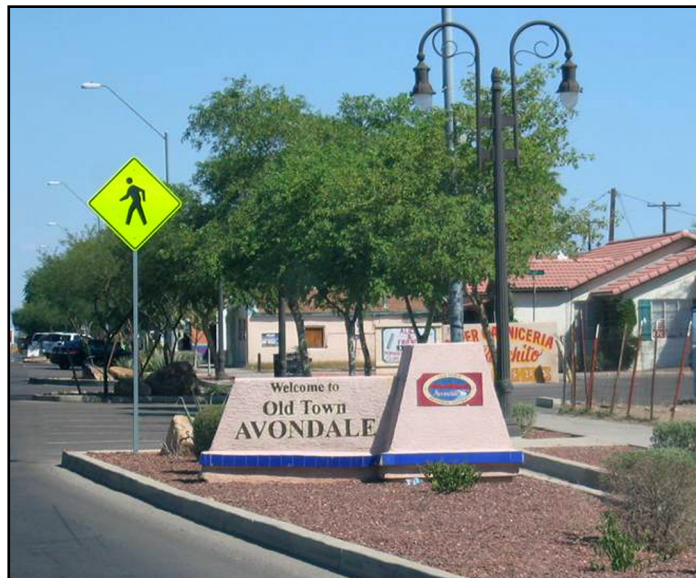
The Western Avenue WQARF Site is located between the City of Avondale and the City of Goodyear. The groundwater contamination plume is bounded approximately by Hill Drive (north of Western Avenue) to the north, Third Street to the east, State Route 85 to the south and the Phoenix-Goodyear Airport (PGA) to the west.

### WHAT ARE THE CONTAMINANTS AT THE SITE?

Groundwater at the site is contaminated with tetrachloroethene (PCE), a solvent commonly used in dry cleaning. Contaminants of concern at the site may change as new data become available.

### HEALTH/WATER QUALITY

No one is known to be at risk of exposure to PCE. The contaminated groundwater is not used for



*Old Town Avondale*

drinking water purposes. Groundwater beneath the site exists in three units termed Subunit A, Subunit B and Subunit C. The Western Avenue WQARF Site PCE contaminated groundwater only exists in Subunit A. Subunit A is located between the ground surface and approximately 130 feet below ground surface (bgs). Public drinking water supplied to the area is extracted from greater bgs depths and is regularly tested to ensure compliance with regulatory standards.

If you have a private well near the site, please call André Chiaradia, ADEQ project manager, (602) 771-2296 or toll free at (800) 234-5677.

### SITE INVESTIGATION/CLEANUP ACTION

The site was placed on the WQARF Registry in December 1998. In July 2001, ADEQ began a Remedial Investigation (RI) at the site. In October 2008, a Draft Industrial Survey Report was completed as part of the RI to focus on any potential source areas. The data obtained from the Industrial Survey indicated that additional source investigations would not be required as part of the RI.

In 2008, a new monitoring well (MW #8) was installed on the corner of Los Robles Drive and East



*City of Goodyear Well No. 1*

La Cienega Avenue in Old Goodyear. This well has helped define the Western Avenue WQARF plume boundaries and further enhanced the monitoring well network. Groundwater sampling in January 2009 indicated that the highest concentration of PCE in groundwater was 4.5 micrograms per liter ( $\mu\text{g/L}$ ). The Aquifer Water Quality Standard (AWQS) for PCE is 5.0  $\mu\text{g/L}$ .

On May 20, 2009, the Remedial Objectives (RO) Report was finalized and the availability of the Final RI Report was also announced.

### **WHAT ARE ADEQ'S FUTURE PLANS AT THIS SITE?**

Groundwater monitoring at selective wells within the project site well network will continue. The PCE contaminated groundwater at the site is currently being remediated by the PGA South Site treatment system.

### **FOR MORE INFORMATION:**

A community advisory group (CAG) has been formed that represents both the Western Avenue WQARF Site and the PGA North and South Federal Superfund Sites. The purpose of this CAG is to advise ADEQ, the U.S. Environmental Protection Agency, the public and other interested parties about the issues and concerns of the community related to the investigation and cleanup of the WQARF and Federal Superfund sites. Details of CAG meeting agendas and minutes can be viewed at the ADEQ Web site at: [www.azdeq.gov](http://www.azdeq.gov). CAG meetings are open to the public.

### **Technical Information:**

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### **Community Involvement:**

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Hearing-impaired individuals may call our TDD line at (602) 771-4829.

Interested parties can review select site documents at the Avondale Public Library located at 495 E. Western Ave. in Avondale. The phone number is (623) 333-2665.

The complete site file can be reviewed at the ADEQ Main Office located at 1110 W. Washington St., Phoenix. With 24-hour notice, an appointment to review related documentation is available Monday through Friday from 8:30 a.m. to 4:30 p.m. at the ADEQ Records Management Center, 1110 W. Washington St. in Phoenix. Please contact (602) 771-4380 or (800) 234-5677 to schedule an appointment to review these documents. Hearing impaired persons may call our TDD line at (602) 771-4829.

For more information on this WQARF site or other WQARF sites in the State of Arizona, please visit the ADEQ Web site at: [www.azdeq.gov](http://www.azdeq.gov). In the left-hand column, click on Waste Programs, then on Superfund/WQARF. Look for the Site Information and Maps Link.

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