

## 56th Street and Earll Water Quality Assurance Revolving Fund Site July 2009

### SITE DESCRIPTION

ADEQ is investigating groundwater contamination at the 56th Street and Earll WQARF Site. The ADEQ WQARF program (also known as state Superfund) investigates and cleans up contaminated groundwater and soil sites across the state. The 56th Street and Earll WQARF Site is located in East Phoenix. The groundwater contamination plume is bounded by Earll Drive to the north, Loop 202 – Red Mountain Freeway to the south, 56th Street to the east and 32nd Street to the west.

### WHAT ARE THE CONTAMINANTS AT THE SITE?

Groundwater at the site is contaminated with the following volatile organic compounds (VOCs): tetrachloroethene (PCE), a commonly used solvent in the dry cleaning process and trichloroethene (TCE), a solvent primarily used in the metal degreasing and cleaning operations. Contaminants of concern at the site may change as new data become available.

### HEALTH/WATER QUALITY

Risks associated with exposure to contaminated groundwater are encountered principally through drinking the contaminated water. The groundwater under the site is not used in the public drinking water system.

**NOTE:** If your drinking water is provided by the City of Phoenix, it meets all regulatory drinking water standards and it is not affected by the groundwater contamination at the site.

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) 262-6251.

If you are using a private well located within the boundary of the 56th Street and Earll WQARF Site, please call Danita Hardy, ADEQ Project Manager at (602) 771-4191 or, toll free at (800) 234-5677.



*Monitoring Well Drilling.*

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

Historically, the 14-acre industrial facility located at the northwest corner of 56th Street and Earll was used for electronic manufacturing from 1951 until 1982, when it was converted into administrative offices. During manufacturing operations, solvents were released into the environment, primarily through a septic system used in the earliest period of operations before the facility was connected to the City sewer system. Impacted soil has been removed. Other operations in the study area may

also have contributed to the groundwater contamination. A preliminary investigation was completed in 2003 and the 56th Street and Earll WQARF Site was listed on the WQARF Registry in June 2004. In late 2004, Motorola Inc. broke off its semiconductor business forming Freescale Semiconductor Inc. (Freescale).

### **SITE INVESTIGATION/CLEANUP ACTION**

Freescale has agreed to implement an early response action (ERA) to address the TCE and PCE in the groundwater. The most recent sampling results indicated that TCE and PCE levels present in the groundwater have remained relatively stable from year to year.



*Finished Monitoring Well.*

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

Freescale has plans to construct a groundwater pump and treat system as part of their ERA. Freescale and Salt River Project (SRP) are working on an agreement for SRP to accept the treated water into the Grand Canal system for non-potable beneficial re-use as irrigation water.

When the RI is completed, final cleanup options will be developed and analyzed in a feasibility study report. These reports have public comment periods associated with them, and notification will be provided.

### **FOR MORE INFORMATION:**

A community advisory board (CAB) for the site was established in 2004. The primary purpose of the CAB is to advise ADEQ and the public of issues and concerns related to the remediation of the site. The CAB consists of a diverse cross-section of the community. Details of CAB meeting agendas and minutes can be viewed at the ADEQ Web site. All CAB meetings are open to the public.

#### **Technical Information:**

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#### **Community Involvement:**

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

Complete public files regarding this site are located at ADEQ. With 24 hours notice, an appointment to review related documentation is available, Monday through Friday from 8:30 a.m. to 4:30 p.m. at ADEQ, Records Management Center, 1110 West Washington Street, Phoenix, Arizona. Please contact (602) 771-4380 to schedule an appointment to review site documents.

For more information on this WQARF site or others sites in 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 Superfund/WQARF. Look for site information and map link.

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