

## **East Central Phoenix (ECP) 38th Street and Indian School Road** Water Quality Assurance Revolving Fund ([WQARF](#))

### **Boundaries:**

The [ECP 38th Street and Indian School Road Site](#) (Site) is bounded approximately by Indian School Road to the north, 38th Street to the east, Picadilly Road to the south and 36th Street to the west.

### **Site Status Update:**

The Arizona Department of Environmental Quality ([ADEQ](#)) continues to conduct groundwater sampling using [passive diffusion bag samplers](#) in the [monitor wells](#) on a semi-annual basis. The highest concentration of [tetrachloroethene](#) (PCE) during the October 2007 sampling event was 57 micrograms per liter ( $\mu\text{g/L}$ ).

ADEQ installed a monitoring well (RMW-2) on the Gaslight Square retail facility immediately west of RMW-1. The results from the initial sampling event indicate the vertical extent of the plume has been assessed in this area.

### **Community Involvement Activities:**

A [community advisory board](#) (CAB) was selected in November 2007. These meetings will be open to the public. CAB members are only selected from [applications](#) that are received. Details of meeting agendas and minutes for future meetings can be viewed at the [ADEQ Web site](#). A [site-wide fact sheet](#) was distributed to all residences in the site mailing area in June 2007 and can be found on the ADEQ Web site.

### **Site History:**

**1989:** This site was part of the East Central Phoenix (ECP) study area, which was bounded by Camelback Road to the north, 48th Street to the east, Thomas Road to the south, and 24th Street to the west. Soil gas surveys were conducted at multiple facilities throughout the ECP study area to determine if a release of hazardous substances had occurred.

**1992:** Four groundwater monitor wells were installed.

**1998:** The Site was placed on the [WQARF Registry](#) with a score of 20 out of a possible 120.

**1994-2002:** During 1994 and 1995, [a soil vapor extraction \(SVE\)](#) system operated intermittently at 3727 E. Indian School Road. This was to remediate tetrachloroethene (PCE) contaminated vapors due to a release of contaminants to the subsurface from past dry cleaning operations. A total of approximately 7.67 pounds of PCE were removed, at which time the SVE system was shut down permanently.

**2003:** In March, this SVE system was dismantled and removed from the Site.

**2006:** PCE concentrations in groundwater during the October 2006 sampling event ranged from non-detect to 38 µg/L.

**2007:** ADEQ sent out notices in June 2007 per A.R.S. §49-287.03 initiating the [remedial investigation](#) (RI) for the Site. The highest concentration of PCE during the October sampling event was 51 µg/L.

### **Contaminants:**

The current contaminant of concern in groundwater is [tetrachloroethene](#) (PCE). Contaminants of concern at the Site may change as new data become available.

### **Public Health Impact:**

There is currently no known threat of direct exposure to the public from the contamination at the Site.

### **Site Hydrogeology:**

The Site is located within the West Salt River Valley sub-basin of the [Phoenix Active Management Area](#) (AMA). The Salt River Valley is an [alluvial](#) filled basin located in the Basin & Range physiographic province.

The Site is underlain by sandy and gravelly silt with some sand and gravel lenses from ground surface to approximately 95 feet below ground surface (bgs). [Bedrock](#) is encountered at approximately 95 feet bgs.

Based on measurements during October 2006 from monitoring wells, groundwater is encountered at approximately 45 feet bgs and groundwater flows to the west- southwest.

### **Contacts:**

Name	Phone/Fax	Email
Mike Beasley, ADEQ Project Manager	(602) 771-4414*/ (602) 771-4272(fax)	<a href="mailto:mb11@azdeq.gov">mb11@azdeq.gov</a>
Delfina Olivarez, ADEQ Community Involvement	(602) 771-4710*/ (602) 771-4138(fax)	<a href="mailto:dco@azdeq.gov">dco@azdeq.gov</a>

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

## **Information Repository:**

Interested parties can review site information at the ADEQ Main Office located at 1110 W. Washington Street, 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 Street in Phoenix, Arizona. Please contact (602) 771-4380 or (800) 234-5677 to schedule an appointment to review these documents.