

Site 48th Street and Indian School Rd.
Registry Report
Phoenix, Maricopa County, Arizona
September 16, 1998

Site Description

This site is one of several releases located in the former East Central Phoenix (ECP) Water Quality Assurance Revolving Fund (WQARF) study project, that were discovered through soil gas sampling conducted by the Arizona Department of Environmental Quality (ADEQ) in October of 1989. The site is located in the 4700 block of east Indian School road. Attached to this report is a site boundary map. The released hazardous substance is tetrachloroethylene (PCE).

Groundwater has been reported at 19 feet below the surface of the ground (bgs), and flows west-southwesterly. Bedrock is from about 100 feet to 160 feet bgs, and slopes downward to the northeast.

Site History

ADEQ installed three monitor wells at this site. Recent sample data for these wells is given below. Historical groundwater contamination has been as high as 6,200 ug/l of PCE in monitor well SMW1.

The monitor wells were sampled in March 1996 and May 1997 with the following results:

		PCE ug/l	
	<u>Position</u> (from the facility)	<u>March 1996</u>	<u>May 1997</u>
SMW2	up gradient 800'	ND	ND
SMW1	down gradient 40'	4,000	4,300
SMW3	down gradient 800'		
	Upper zone	ND	3.3
	Lower zone	7.5	ND

Public Health

No drinking water wells are threatened, the nearest City of Phoenix well (COP #5) is approximately 5 miles to the west from the 48th Street and Indian School Road plume location. The plume threatens a nearby SRP irrigation well, and because of the contamination SRP has discontinued use of the well.

The E&E score for the site is 27.

Limitations

This Site Registry Report (SRR) is based upon information available as of the date shown. The SRR is

intended as a historical document meeting the public notification requirements of ARS § 49-287.01 (B) and (D). Site boundaries depicted on the attached Site Boundary Maps represent ADEQ's interpretation of data available at the time the maps were constructed. The maps are intended to provide the public with basic information as to the estimated geographic extent of known contamination as of the date of the SRR. The actual extent of contamination may be different. Therefore the geographic boundaries for this site may change in the future as new information becomes available.

An updated SRR and associated Site Boundary Map will not be issued. As new information becomes available it will be made available for public review through placement in the public file.