

South Mesa Water Quality Assurance Revolving Fund Site Fall 2009

SITE DESCRIPTION

The Arizona Department of Environmental Quality (ADEQ) is investigating groundwater contamination at the South Mesa 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 site is located in the City of Mesa and Town of Gilbert and is bounded approximately by 10th Avenue to the north, Stapley Drive to the east, and the railroad south of Baseline Road to the south and west.

CONTAMINANTS AT THE SITE

The current contaminants of concern (COCs) detected in the groundwater samples include tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (DCE). PCE was the only volatile organic compound (VOC) detected above the Arizona Aquifer Water Quality Standards (AWQS).



South Mesa SVE System.

HEALTH/WATER QUALITY

No drinking water wells have been impacted by the groundwater contamination at the site. The nearest drinking water well is approximately one-quarter mile from the downgradient plume edge. All municipal drinking water supplies are regularly tested to ensure that the water meets or exceeds all safe drinking water standards. If you have a private well near the site, please call Danita Hardy, ADEQ Project Manager, at (602) 771-4191 or toll free at 1-800-234-5677, Ext. 771-4191.

SITE INVESTIGATION/CLEANUP ACTION

The site was placed on the WQARF Registry in August 1998. In June 2004, a nested soil vapor extraction (SVE) well was installed to address subsurface PCE contamination beneath the west side of the former Applied Metallics facility located at 1545 N. McQueen.

An early response action of the former Applied Metallics facility was initiated in September 2004 to address remaining subsurface contamination at the facility.

The SVE system operated from 1995-1997 and September 2004 through mid-October 2007. More than 168 pounds of PCE were removed from underneath the former Applied Metallics facility. Once the soil was remediated, the system was shut down and removed from the site in May 2008. Indoor air quality sampling was done on November 21, 2007. The detected VOCs concentrations were well below established health standards and indicated no health concerns for workers in the building.



Former Applied Metallics Facility.

WHAT ARE ADEQ'S FUTURE PLANS AT THIS SITE?

The Draft Remedial Investigation Report for the site is currently being completed by ADEQ. When the remedial investigation is completed, the remedial objectives for cleanup will be developed and analyzed in a feasibility study report. These reports have public comment periods associated with them, and notification will be provided.



Monitoring well No. 9

FOR MORE INFORMATION:

A community advisory board (CAB) has been formed for the site. The purpose of the CAB is to advise ADEQ, the public and other interested parties about the issues and concerns of the community related to the investigation and cleanup of a WQARF site. Details of the most recent CAB meeting agendas and minutes can be viewed at the ADEQ Web site www.azdeq.gov/environ/waste/sps/phxsites.html#s_mesaa. CAB meetings are open to the public.

Technical Information:

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Interested parties can review selected site documents in the Mesa Room of the Mesa Public Library located at 64 E. First Street, Mesa. The hours to review site documents are from 10 a.m. to 5:30 p.m. The phone number is (480) 644-3730.

The complete site file can be reviewed by contacting ADEQ. 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 ADEQ Records Management Center, 1110 W. Washington Street, 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. 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, se puede contactar a Felicia Calderon al (602) 771-4167.