

Payson PCE Water Quality Assurance Revolving Fund Site July 2009

SITE DESCRIPTION

ADEQ has completed its investigation of groundwater contamination at the Payson PCE WQARF Site. The ADEQ WQARF program (also known as state Superfund) investigates and cleans up contaminated groundwater and soil at sites across the state. The Payson PCE Site is located in Payson, Arizona, and is bounded approximately by Main Street to the north, Beeline Highway (State Route 87) to the east, Cedar Lane to the south and McLane Road to the west.

WHAT ARE THE CONTAMINANTS AT THE SITE?

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

HEALTH/WATER QUALITY

Any risks associated with exposure to contaminated groundwater are principally through drinking the contaminated water.

NOTE: If your drinking water is provided by the Town of Payson, it meets all regulatory drinking water standards.

The Town of Payson is required by law to provide water that meets all state and federal drinking water standards. To ensure compliance with drinking water standards, the Town collects water samples on a monthly basis from the system prior to discharging the treated water to the municipal drinking water system.

For more information concerning your drinking water quality, please contact the Town of Payson Water Department at (928) 474-5242 ext. 4. If you are using a private well located within the boundaries of Payson PCE WQARF site, please call Danita Hardy, ADEQ Project Manager, at (602) 771-4191 or, toll free at (800) 234-5677.

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.



The Expanded Groundwater Treatment System (EGTS) Carbon Vessels.

SITE HISTORY

In 1990, Town of Payson officials discovered two wells that were contaminated with PCE. After further investigation by ADEQ, the site was added to the priorities list in 1993. After years of investigation and coordination with the Town of Payson, two groundwater treatment systems were installed. In September 1996, the Interim Groundwater Treatment System (IGTS) was constructed to remediate groundwater at the source area. From 1996 to 1998, ADEQ installed groundwater monitor wells to define the extent of groundwater contamination. The IGTS captured and contained the source of the contamination. In August 1997, the Expanded Groundwater Treatment System (EGTS) construction began to remediate groundwater downgradient of the source area. The Site was added to the WQARF Registry in 1998. A soil vapor extraction (SVE) system was constructed to remediate contaminated soils in the source area in 2001 and was operated until October 2002. In June 2002, volatile organic compound (VOC) concentrations decreased significantly and the IGTS was shut down in 2003.

The EGTS continues to capture and contain the remainder of the contamination.

CLEANUP ACTION/ RECORD OF DECISION

In 2002, the Remedial Investigation (RI) Report was completed which identified the extent and nature of the contamination. The Remedial Objectives (RO) Report, which identified foreseeable land and water uses, was also completed as part of the RI.

The Feasibility Study (FS) identified and evaluated cleanup methods that met the objectives of the site and was completed in May 2003. In August 2003, the Proposed Remedial Action Plan (PRAP), which detailed the proposed cleanup action, was completed. In June 2007, the Record of Decision (ROD) that determines the choice of cleanup method was signed and presented to the Community Advisory Board (CAB).

The selected cleanup remedy (the EGTS), which is operated by the Town and ADEQ, continues to operate and is successfully removing contaminated groundwater at the site.

WHAT ARE ADEQ'S FUTURE PLANS AT THIS SITE?

The site is currently in the operations and maintenance phase of the ROD. It is anticipated that the EGTS will operate until approximately 2033 or until the PCE concentrations in groundwater are consistently below the 5.0 micrograms per liter ($\mu\text{g}/\text{l}$) Aquifer Water Quality Standard (AWQS).

FOR MORE INFORMATION:

Technical Information:

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

Interested parties can review all site information by contacting 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, AZ. Please contact (602) 771-4380 to schedule an appointment to review these documents.

Documents can also be viewed at the Payson Public Library. Please call (928) 474-9260 for hours.

For more information on this WQARF site or others sites in Arizona, please visit the ADEQ Web site at: 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.