



FACT SHEET

Queen Creek Landfill, Maricopa County, Arizona

Current Situation

During routine monitoring of the closed Queen Creek Landfill (QCLF), tetrachloroethene (PCE) was detected at concentrations above the Arizona Department of Environmental Quality's (ADEQ) Aquifer Water Quality Standard of 0.005 mg/L or 5 parts per billion (ppb).

History of the landfill

The Queen Creek Landfill is a former municipal solid waste landfill located at 20224 East Riggs Road in Queen Creek, Arizona. The QCLF occupies approximately 80 acres of land owned by Maricopa County, and is currently managed by the Maricopa County Environmental Services Department. The QCLF began operations in 1972, stopped accepting waste in 2007 and was formally closed in 2010. Post-closure activities are conducted as specified in an ADEQ-approved closure plan. Most recently, the QCLF has been utilized for low-intensity public recreational use in cooperation with the neighboring Horseshoe Park and Equestrian Center.

Actions underway

Maricopa County has engaged the services of an environmental consultant to assess and characterize the potential contamination. As part of that effort, a Corrective Measures Assessment (CMA) has been prepared to evaluate several possible remediation approaches. Additional data collection and analysis will be used to identify the most effective and efficient corrective measures to implement. Maricopa County intends to implement remedial actions as quickly and efficiently as possible while minimizing the impact on the community near the QCLF.

County commitment to the resolution of the issue

Maricopa County is working with the environmental consultant, the Town of Queen Creek and ADEQ to ensure that the selected corrective measures meet the following objectives:

- Be protective of human health and the environment;
- Meet or exceed the criteria defined in the ADEQ Aquifer Water Quality Standard;
- Control the source of releases to reduce or eliminate, to the maximum extent possible, further releases of contaminants into the environment; and
- Be a good member of the QCLF neighborhood and a good steward of the environment.

For More Information

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