



# FREQUENTLY ASKED QUESTIONS

## Queen Creek Landfill, Maricopa County, Arizona

**What is a Corrective Measures Assessment (CMA)?** A CMA is a process to identify, develop and evaluate potential corrective measures that could be implemented to prevent further releases and to remediate impacts.

**What is the Situation?** Tetrachloroethene (PCE) has been observed in a Queen Creek Landfill (QCLF) compliance monitoring well at concentrations above the Arizona Department of Environmental Quality's (ADEQ) Aquifer Water Quality Standard (AWQS) of 0.005 mg/L or 5 parts per billion (ppb).

**What has the County done about the situation?** As PCE was detected at a level exceeding the Aquifer Water Quality Standards defined under 40 CFR 258.55, the County initiated an assessment of corrective measures. The County continues to perform groundwater monitoring in accordance with the assessment monitoring program.

**Has the PCE impacted the drinking water?** PCE contamination has been detected in one of five monitoring wells around the perimeter of the former landfill that are used to sample a shallow portion of the aquifer. Domestic drinking water wells use a separate, deeper portion of the aquifer. Samples collected from the deeper portion of the aquifer, the one used by domestic wells, were analyzed and did not detect PCE.

**Has the County chosen a remedy?** No, the County's contractor identified several corrective measures and has retained four for further evaluation and consideration.

**When would corrective measures be implemented?** The County will select a remedy after the public meeting. It will be implemented after approval is obtained from ADEQ. We anticipate remediation work will begin within six months of approval. Although remediation activities won't begin immediately, you may see other work occurring on the landfill related to the addition of monitoring wells to collect more data.