

ADEQ Water Quality Report Analysis

2025 Q4 - October 1 - December 31

- During quarter 4, the northernmost monitoring well (POC-2) has remained on accelerated monitoring due to the arsenic exceedance observed in the groundwater monitoring well. EFRI reported the exceedance to ADEQ at the time of discovery and there is no evidence to indicate that facility operations have caused or contributed to the exceedance. EFRI submitted a minor amendment application on November 18, 2025, to address the inconsistent and ongoing exceedances reported by groundwater monitoring at POC-2. The amendment meets the criteria for a minor amendment under A.A.C. R18-9-A211(C)(7).
- ADEQ received an unlikely present in the discharge demonstration on November 3, 2025, requesting disinfection byproducts to be removed from the scope of baseline monitoring for the new/updated Aquifer Water Quality Standards rule effective November 4, 2025. Baseline monitoring shall be conducted for arsenic at the compliance monitoring wells to determine appropriate alert levels to incorporate the updated aquifer water quality standards in compliance monitoring tables.
- No other exceedances have been observed at the remaining two Coconino monitoring wells or the Redwall-Muav well.
- Water that collects in the sump continues to be pumped to and stored within the lined on-site non-stormwater impoundment.
- ADEQ performed an inspection of the facility on October 23, 2025 and found the facility to be in compliance.
- The mine shaft pump operated for all 92 days in the quarter, averaging approximately 13,900 gallons per day.
- Mining operations continue at the facility.
- Uranium content in samples collected from the outflow shaft of the mine shaft into the lined non-stormwater impoundment has increased relative to previous samples.
- The facility's onsite water treatment for arsenic and uranium continues to operate and provides water for beneficial reuse onsite including dust suppression.