



Maricopa County - Queen Creek Landfill Remediation Project

Weekly Update for the period ending 2/17/2023

Below is a summary of activity at the closed Queen Creek Landfill from the last two weeks, and a look ahead at scheduled activities.

Source Remediation

No activities conducted

Drilling Operations

A site visit was completed with representatives from the Town of Queen Creek, HGC, Cascade drilling and Maricopa County to finalize the drilling locations (latitude/longitude coordinates) and access for the 4 off-site monitoring wells and to discuss any potential issues regarding public access adjacent to drilling operations.

Well surveying was performed to determine latitude/longitude coordinates and vertical measuring point elevations for the newly installed landfill wells MW-6, MW-7, and MW-8.

Drill cutting and IDW liquid waste profiles were submitted and accepted. Drill cuttings were transported for disposal from the site during the week of 2/6. IDW liquid waste drums were transported and disposed of during the week of 2/13.

Drilling is scheduled to start the week of March 20 for the 4 off-site well locations: 1) northeast corner of HPEC (MW-9), 2) and 3) along the Sonoqui wash trail (MW-10 and MW-11), and 4) far east end of Natalie Way (MW-12) where it dead-ends into the wash. The HPEC well location is being moved slightly to the south where trees will be removed, and a swale will be filled/graded prior to drilling.

Communications

Met with representatives from ADEQ to discuss final issuance of the pending Consent Order for the QCLF.

Received the Consent Order that was signed by Maricopa County Supervisor Hickman on 1/19/23 and signed by ADEQ on 2/15/23. The Consent Order has been uploaded to the QCLF website under the documents section, <https://www.maricopa.gov/5850/Documents-Reports>.

Sampling

During the week of 2/13, groundwater sampling was performed at landfill wells MW-6 through MW-8 for analysis of the full 40 CFR 258 Appendix II list. Samples were already collected for VOCs at the end of January, so this analysis will not be repeated.

Upcoming soil vapor sampling is anticipated for the week of February 20 in the new wells and in three of the perimeter monitoring wells.

Reporting

No activities conducted

Permitting

The Town of Queen Creek is drafting an easement agreement between the Town and the County for the four well locations. A ToQC encroachment permit will be obtained for the well location on Natalie Way, as this is a roadway. Right-of-Way and flood plain use permit applications with Maricopa County will be obtained for the two Sonoqui Wash trail well locations.

Please visit [Maricopa.gov/5848](https://www.maricopa.gov/5848) for additional information or email landfillprojects@maricopa.gov.