



Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 6/19/2022

Below is a summary of activity that took place for the Cave Creek Landfill project last week.

NOTE: The Weekly Update now includes a look ahead at the activities planned in the next two weeks at the Phase 3 (Injection Well) site on Sleepy Ranch Road. Activities are subject to change.

Phase 3 GWTS (Injection Well and Infrastructure)

- Hunter completed backfilling the wastewater reservoir.
- Hunter completed draining the wastewater reservoir following hydrostatic testing.
- Hunter continued work on the electrical gear pad including:
 - Placing conduit from electrical gear pad to the APS transformer pad and field equipment and instrumentation.
 - Finisher construction of formwork.
 - Darcor (electrical engineering subcontractor) performed a special inspection of the conduit and formwork for the electrical gear pad on 06/13/2022 and approved of the work.
 - The City of Phoenix (COP) electrical inspector performed an inspection of the conduit and formwork for the electrical gear pad on 06/13/2022 and approved the work.
 - Slurry backfill was poured for the electrical gear pad subbase and conduit trench on 06/14/2022.
- The COP civil inspector approved a field change to the site grading plan to raise the grade around the wastewater reservoir on 06/14/2022.
- Hunter continued excavation of the IW-01 wellhead.
- Wood received a response from the COP real estate department that consideration of an amendment to an existing sewer easement to allow the APS electrical line will not occur until after the City Council returns from summer recess on 08/30/2022.
- Wood is waiting on a clarification from APS regarding construction of the redesigned APS line north of 40th street.
- Upcoming work in the next 2 weeks includes:
 - Install rebar for the electrical gear pad.
 - Pour the electrical gear pad.
 - Finish excavation of the injection well head vault.
 - Fine grade and place rebar and forms for injection well vault slab.
 - Set the injection well vault; this work will require the use of a subcontracted crane and is scheduled to occur on 06/29/2022.
 - Set well vault and connect exterior piping to vault.
 - Excavate, place forms and rebar for the filter skid pad.

Email: cavcreeklandfill@maricopa.gov

SVE Operations (Source Remediation)

- The soil vapor extraction (SVE) system operated throughout the period.
- Performed Quarterly landfill gas monitoring on 06/15/2022.

Drilling Operations

- A saguaro in the work area for groundwater monitoring well MW-15 was relocated on 06/14/2022.

Communications

- Wood provided Maricopa County and ADEQ with a project update via email on 06/13/2022.
- Wood participated in a call with ADEQ on 06/15/2022 to discuss the GWTS Capture Zone Analysis technical memorandum.

Sampling

- Wood staff completed the 2nd Quarter 2022 Groundwater Monitoring event during the period.
- Wood staff began the 2nd Quarter 2020 Soil Vapor Monitoring event during the period.

Reporting

- Wood submitted the 1st Quarter 2022 Quarterly Progress Report to ADEQ on 06/15/2022.
- Wood submitted the 2nd Quarter 2022 SVE Performance Report to the Maricopa County Air Quality Department on 06/17/2022.

Permitting

- No permitting activities occurred during the reporting period.