



Protecting Groundwater for Future Generations

Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 5/8/2022

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)

- Continued construction of the wastewater reservoir including:
 - Stripping formwork from the interior of the wastewater reservoir.
 - Hunter began grouting penetrations from formwork in the wastewater reservoir.
- Continued work on the wastewater reservoir discharge to sewer line including:
 - A City of Phoenix (COP) inspector performed an inspection of the wastewater reservoir discharge line on 05/04/2022 and approved the construction.
 - Finished installation of the 6-inch ductile iron pipe (DIP) from the sewer manhole towards the site.
 - Began placing lifts of engineered backfill, as requested by the COP as shading for the discharge line.
 - A Wood materials technician performed in-situ density testing of shading material on 05/06/2022 with passing results.
- Hunter began trenching for installation of secondary electrical lines from the transformer to service entrance section.
- Upcoming work in the next 2 weeks includes:
 - Complete construction of the wastewater reservoir discharge line.
 - Hunter to perform initial pressure testing of the wastewater reservoir discharge line.
 - COP to observe pressure testing of the line (05/16/2022).
 - Backfill trench for wastewater reservoir discharge line.
 - Install formwork and rebar for the electrical gear pad and pour pad.
 - Set electrical gear (service entrance section and motor control center).
 - Strip formwork and remove scaffolding from the wastewater reservoir.
 - Clean wastewater reservoir.
 - Begin hydrotesting of the wastewater reservoir per design specifications.
 - Backfill wastewater reservoir.
 - Excavate for injection well vault.
 - Fine grade and place rebar and forms for injection well vault slab.

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SVE Operations (Source Remediation)

- The soil vapor extraction (SVE) system operated throughout the period.
- Wood submitted a profile renewal application for the SVE system vapor phase carbon to the County for review and approval on 05/05/2022.

Drilling Operations

- No drilling related work took place during the period.
- A meeting between representatives of the Dove Valley Ranch (DVR) Golf Club and Wood was conducted on 05/04/2022 to discuss site restoration requirements following drilling and installation of groundwater monitoring wells MW-14 and MW-15.

Communications

- Wood provided Maricopa County and ADEQ with a project update via email on 05/02/2022.
- ADEQ conducted a site visit on 05/04/2022.

Sampling

- No sampling occurred during the reporting period.

Reporting

- No reporting took place during the period.

Permitting

- The COP Wastewater Section transmitted a Draft Class A Wastewater Discharge Permit (Discharge Permit) to Wood for review.
- A call was conducted between Wood and the COP Wastewater Section on 05/06/2022 to discuss the Draft Discharge Permit.