



Protecting Groundwater for Future Generations

Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 5/15/2022

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:
 - Completed stripping formwork from the interior of the wastewater reservoir.
 - Hunter continued grouting penetrations from formwork in the wastewater reservoir.
 - Hunter cleaned the inside of the wastewater reservoir.
- Waiting on 4-inch ductile iron pipe (DIP) to finish installation of wastewater discharge line inside of perimeter wall.
- Hunter completed trenching for installation of secondary electrical lines from the transformer to service entrance section.
- Keller Electrical (electrical subcontractor) received the service entrance section (SES) and motor control center (MCC) in their shop and are retrofitting the equipment with the necessary air conditioner.
- 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 pending successful self-testing of line.
 - Backfill trench for wastewater reservoir discharge line.
 - Install formwork and rebar for the SES and MCC pad and pour pad.
 - 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.

SVE Operations (Source Remediation)

- The soil vapor extraction (SVE) system operated throughout the period.
- Evoqua Water Technologies (Carbon supply and service vendor) performed a carbon replacement on 05/11/2022.

Drilling Operations

- No drilling related work took place during the period.

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Communications

- Wood provided Maricopa County and ADEQ with a project update via email on 05/09/2022.

Sampling

- No sampling occurred during the reporting period.

Reporting

- Wood continued work on a draft technical memorandum detailing the proposed approach for assessing the effectiveness of the GWTS to capture and contain the groundwater plume.

Permitting

- No permitting activities occurred during the reporting period.