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.

Email: cavecreeklandfill@maricopa.gov
**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.