



Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 4/17/2022

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:
 - No work related to the wastewater reservoir was completed during the period.
- Began work on the wastewater reservoir discharge to sewer line including:
 - Completed trenching across Sleepy Ranch road for installation of discharge line (open trench was plated at the end of each day); traffic controls are in place to maintain access to resident properties during the completion of the work.
 - Placed first lift of bedding material in trench for discharge line.
 - A Wood materials technician performed density testing of the bedding material on 04/11/2022 with passing results.
- Upcoming work in the next 2 weeks includes:
 - Complete work for the wastewater reservoir discharge line tie in.
 - Install formwork and rebar for the electrical gear pad.
 - Pour concrete for the wastewater reservoir deck on 04/18/2022.

SVE Operations (Source Remediation)

- The soil vapor extraction (SVE) system operated throughout the period.

Drilling Operations

- No drilling related work took place during the period.
- Wood continued evaluation of pump test data from EW-02 and will report the results in the Annual Well Completion Report.

Communications

- Wood provided Maricopa County and ADEQ with a project update via email on 04/11/2022.

Sampling

- No sampling occurred during the reporting period.
- The preliminary analytical results from the initial groundwater sample from groundwater monitoring well MW-16 located southwest of the landfill were received and were non-detect from both sample intervals (714 feet below ground surface [ft bgs] and 739 ft bgs).

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Reporting

- Wood began drafting a technical memorandum to establish and document the approach for evaluation of plume capture by the GWTS once the full system (all three extraction well) are online.

Permitting

- Wood received a Draft Permit Determination document from the City of Phoenix Industrial Discharge section of the water department listing the permit conditions and requirements on 04/15/2022.