



Protecting Groundwater for Future Generations

Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 9/17/2021

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

Phase 3 GWTS (Injection Well and Infrastructure)

- Wood received approval from the City of Phoenix (COP) Planning and Development Department (PDD) for the revised GWTS Phase grading and drainage plan set on 09/15/2021.
- Construction of the GWTS Phase 3 is scheduled to begin 10/04/2021 with completion anticipated in May of 2022.
- Wood reviewed and responded to several equipment and materials submittals and requests for information (RFIs) from Hunter Contracting (construction subcontractor).

SVE Operations (Source Remediation)

- The SVE system operated throughout the period.
- The connection to well MW-09 with the SVE system was completed 09/10/2021.
 - Vapor extraction from MW-09 will begin the week of 09/20/2021.
 - A vapor sample from MW-09 will be collected twenty four hours after the start of extraction and will be analyzed for VOCs via EPA Method TO-15.

Drilling Operations

- MW-17
 - Layne bailed the well to a depth of 761 feet below ground surface (ft bgs) on 09/17/2021 (Total well depth is 785 ft bgs).
 - MW-17 was pumped on 09/18/2021 until turbidity fell below 10 NTUs.
 - A video log of the well was completed on 09/17/2021 with inconclusive results to due to low visibility in groundwater.
 - Starting 09/17/2021 Layne added 18,000 gallons of potable water mixed with Aqua-Clear PFD to the well to improve clarity of the water and will run a second video log of the well on 09/20/2021.
- EW-02 & EW-03
 - Mobilization of equipment to the EW-03 well site will begin following the completion of work at MW-17.

Communications

- Wood provided Maricopa County and ADEQ with a project update via email on 09/13/2021.

Reporting

- Wood is preparing the 2021 3rd Quarter SVE Performance Report for submission to the Maricopa County Air Quality Department the week of 09/20/2021.

Email: cavecreeklandfill@mail.maricopa.gov

Permitting

- No permitting activities were completed during the period.