



Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 10/15/2021

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

Phase 3 GWTS (Injection Well and Infrastructure)

- Construction of the GWTS Phase 3 continued with the following activities:
 - Excavation of the wastewater reservoir is ongoing.
 - Samples of native fill from the base of the wastewater reservoir excavation and proposed engineered fill material (aggregate base) were collected and analyzed by the Wood materials lab to determine soil properties necessary for in-situ density testing.
 - In-situ density testing was completed at three locations of the base of the wastewater reservoir excavation on 10/15/2021; all tests met the density specification.
 - A Wood geotechnical engineer performed a special inspection of the reservoir excavation base on 10/15/2021.

SVE Operations (Source Remediation)

- The SVE system was offline for the period pending delivery of fresh carbon for the system; carbon replacement is scheduled for 10/18/2021.

Drilling Operations

- EW-03
 - Drilling of the EW-03 pilot hole had reached a total depth of 852 feet below ground surface (ft bgs) as of the end of the period.
 - Once the total depth of 960 ft bgs has been reached, geophysical logging will be performed to establish lithological conditions and final well design will be performed.
 - Following final well design, the pilot borehole will be reamed to the specified boring diameter and the well will be constructed followed by development and testing.
- EW-02
 - Final grading of the wellhead pad will be completed the week ending 10/22/2021.

Communications

- Wood provided Maricopa County and ADEQ with a project update via email on 10/11/2021.
- A complaint was lodged with the County regarding back up alarms noted before 07:00 from the EW-03 drilling location; Wood is working with Layne (drilling subcontractor) to minimize the use of backup alarms between 17:00 and 07:00.

Email: cavecreeklandfill@mail.maricopa.gov

Reporting

- No new reporting occurred during the period.

Permitting

- No permitting activities were completed during the period.