



Protecting Groundwater for Future Generations

Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 9/10/2022

Below is a summary of activity that took place at the Cave Creek Landfill last week and a lookahead of GWTS Phase 3 construction work taking place in the next 2 weeks.

Phase 3 GWTS (Injection Well and Infrastructure)

- Hunter continued making piping connections to field equipment and instrumentation.
- Hunter excavated and set the structural steel for the radio antenna base.
- Keller ran conduit to the radio antenna base.
- Wood paid an application fee to the City of Phoenix (COP) on 09/09/2022 to establish potable water service to the site; installation of the water meter by the COP should occur within the next 20 days.
- Wood received an email from APS on 09/08/2022 confirming that a transformer has been allocated to the project and will be set and wire pulled to the site the week of 10/03/2022.
- Upcoming work in the next 2 weeks includes:
 - Complete work making piping and electrical connections to the injection wellhead vault and wastewater reservoir.
 - Install meter for potable water service (COP).
 - Install radio antenna for communications between the GWTS Phase 1 and Phase 3 systems.
 - Install the canopy for the electrical gear.
 - Complete site grading.
 - Set the injection well pump and flow control valve.
 - Coordinate with APS to install the transformer and pull wire from switchgear to the transformer.

SVE Operations (Source Remediation)

- The soil vapor extraction (SVE) system operated throughout the period.
- A carbon change occurred on 09/09/2022.

Drilling Operations

- Layne (drilling subcontractor) completed drilling the borehole for MW-15 and began constructing the well.
- Upcoming work in the next two weeks for MW-15 includes:
 - Use drill rig to pump off heavy drilling fluids from the three nested probes installed in the borehole.
 - Demobilize drill rig from the MW-15 drill pad.
 - Mobilize pump rig to the drilling pad to develop the three nested probes.
 - Begin demobilization from the drill pad following development.

Email: landfillprojects@maricopa.gov

Communications

- Wood provided Maricopa County and ADEQ with a project update via email on 09/06/2022.

Sampling

- The 3rd Quarter 2022 Soil Vapor sampling event was completed during the reporting period.

Reporting

- Wood submitted the 2nd Quarter 2022 Progress Report to Maricopa County for review on 09/09/2022.

Permitting

- No permitting related activities occurred during the reporting period.

Email Change

- Please note that the email for contacting the County regarding this project has changed to: landfillprojects@maricopa.gov