



Protecting Groundwater for Future Generations

Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 02/03/2023

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 3 weeks.

Phase 3 GWTS (Injection Well and Infrastructure)

- APG (equipment provider and controls programmer) completed programming, debugging, and testing the Phase 3 logic.
- APG installed ethernet radios and established communications between Phase 1 and Phase 3.
- Mehall Contracting (remote telemetry installer) began installation of the remote telemetry hardware at Phase 3.
- Upcoming work in the next 3 weeks includes:
 - Complete reprogramming, debugging and testing of the Phase 1 primary logic controller (PLC).
 - Complete system startup and commissioning.
 - Complete installation of telemetry equipment at Phase 1 and Phase 3 for remote alarm notification and data collection.
 - Perform landscaping of the south side of the Phase 3 compound exterior.

GWTS Operations

- GWTS commissioning is ongoing and is expected to be complete the week of 02/06/2023.
- GWTS startup and routine operations and maintenance is scheduled to begin 02/13/2023.
- The City of Phoenix Wastewater Department (Compliance Division) is scheduled to perform the initial sampling event for the Industrial User (IU) Discharge Permit on 02/13/2023.

SVE Operations (Source Remediation)

- The SVE system remains offline pending analysis of soil vapor data; initial review of data indicates concentrations in most locations are stable.

Drilling Operations

- WSP continued developing the specifications and request for proposal (RFP) package for drilling and installation of TSSV-08 and MW-14.
- WSP anticipates submitting the specifications and RFP package to Maricopa County for review the week of 02/17/2023.

Communications

- WSP provided Maricopa County and ADEQ with a project update via email on 01/30/2023.

Sampling

Email: landfillprojects@maricopa.gov

- No sampling activities took place during the reporting period.

Reporting

- No reporting activity took place during the reporting period.

Permitting

- WSP conducted a call with the COP Wastewater Department on 02/03/2023 to schedule the initial compliance sample event associated with the GWTS Phase 3 IU Discharge Permit.