



Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 01/13/2023

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 2 weeks.

Phase 3 GWTS (Injection Well and Infrastructure)

- APG (Equipment and vault supplier) continued testing and calibration of field instrumentation (flow meters, pressure indicating transmitters, etc.) and debugging the Phase 3 logic as part of system commissioning.
- APG began installation of the ethernet radios for communications between Phase 1 and Phase 3.
- Keller continued testing field equipment (IW-01 submersible pump and wastewater reservoir pump) and instrumentation in support system commissioning.
- Upcoming work in the next 3 weeks includes:
 - Finish installation of the ethernet radios at Phase 1 and Phase 3.
 - Complete commissioning the system electrical gear (i.e. service entrance section [SES], motor control center [MCC], sine wave filters and variable frequency drives [VFDs]).
 - complete programming, debugging and testing of the primary logic controller (PLC).
 - Complete system startup and commissioning.

GWTS Operations

- GWTS startup and commissioning began on 01/03/2023 and is expected take 3-4 weeks to complete.
- Routine operations and maintenance (O&M) is anticipated to begin the second week of February.

SVE Operations (Source Remediation)

- Field screening was performed per the approved SVE Rebound Test Workplan.

Drilling Operations

- WSP conducted a call with Layne on 01/12/2023 to discuss alternative construction methods for MW-15 to prevent casing failure when the well is reconstructed.

Communications

- WSP provided Maricopa County and ADEQ with a project update via email on 01/09/2023.

Sampling

- No sampling activity took place during the reporting period.

Email: landfillprojects@maricopa.gov

Reporting

- No reporting activity took place during the reporting period.

Permitting

- WSP conducted a call with the City of Phoenix Wastewater Department to schedule the initial compliance sampling event on 01/13/2023.