



Protecting Groundwater for Future Generations

Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 01/06/2023

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) began testing and calibration of field instrumentation (flow meters, pressure indicating transmitters, etc.) and debugging the Phase 3 logic as part of system commissioning.
- Keller tested field equipment and instrumentation in support system commissioning.
- Upcoming work in the next 2 weeks includes:
 - Install a digital radio at Phase 1 to establish communications between the GWTS Phase 1 and Phase 3 system.
 - 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 2-3 weeks to complete.
- Routine operations and maintenance (O&M) is anticipated to begin the last week of January 2023.

SVE Operations (Source Remediation)

- Field screening was performed per the approved SVE Rebound Test Workplan.
- The eight week post shutdown soil vapor samples were collected during the reporting period.

Drilling Operations

- No drilling related activity took place during the previous period.

Communications

- WSP provided Maricopa County and ADEQ with a project update via email on 01/03/2023.

Sampling

- No sampling activity took place during the reporting period.

Reporting

- No reporting activity took place during the reporting period.

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Permitting

- No permitting related activities occurred during the reporting period.