



Protecting Groundwater for Future Generations

Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 12/30/2022

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 graded the site including the retention pond in the northwest corner of the compound.
- Weber (pump subcontractor) installed the submersible pump and flow control valve (FCV) in injection well IW-01.
- ASR Resources (Valve supplier) tested the FCV prior to installation in the injection well.
- Keller tested field equipment and instrumentation in preparation for 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]).
 - Begin programming debugging and testing of the primary logic controller (PLC).
 - Begin system startup and commissioning.

GWTS Operations

- GWTS startup and commissioning is scheduled to begin 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.
- Baseline, two week and four week post shutdown soil vapor analytical data has been received from the laboratory and is under review.

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 12/19/2022.
- WSP provided a project update in a call with Maricopa County on 12/20/2022.

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

- No permitting related activities occurred during the reporting period.