



Protecting Groundwater for Future Generations

Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 12/17/2022

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)

- Keller performed the initial phase of commissioning the system electrical gear (i.e., service entrance section [SES], motor control center [MCC], sine wave filters and variable frequency drives [VFDs]).
- 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.
 - Set the submersible pump and flow control valve in injection well IW-01 (scheduled for 12/19/2022).
 - Complete commissioning of electrical gear.
 - Complete site grading.

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 and the two-week post shutdown soil vapor analytical data was 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 12/12/2022.

Sampling

- The 4th Quarter 2022 Groundwater Monitoring event began during the reporting period.

Email: landfillprojects@maricopa.gov

Reporting

- The 3rd Quarter 2022 Progress Report was submitted to ADEQ on 12/15/2022.
- The 3rd Quarter 2022 SVE Performance report was submitted to the Maricopa County Air Quality Department on 12/16/2022.

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

Name Change

- Please note that the name for Wood Environment & Infrastructure Solutions, Inc. is now WSP Global, Inc. There are no changes in project staff.