



Protecting Groundwater for Future Generations

Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 10/8/2022

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 (construction subcontractor) continued moving equipment off site.
- WSP made a request to APS to stake the location of the pull box on 40th street on 10/05/2022 to confirm that minimum clearance from sewer is maintained per a request from the City of Phoenix (COP).
- Upcoming work in the next 2 weeks includes:
 - Install the radio antenna for communications between the GWTS Phase 1 and Phase 3 systems.
 - Install a digital radio at Phase 1 to establish communications between the GWTS Phase 1 and Phase 3 system.
 - Complete site grading.
 - Obtain a letter of concurrence from the COP.

SVE Operations (Source Remediation)

- The soil vapor extraction (SVE) system operated throughout the period.

Drilling Operations

- Layne (drilling subcontractor) reamed the three probes that were installed in the MW-15 borehole to total depth and then attempted to clear debris from the probes.
- Layne video logged the probes on 10/06/2022; video logs indicated significant damage to the casing of each probe, particularly in the upper portions.
- Work scheduled to take place in the next two weeks includes:
 - Layne to remove sound panels and ancillary drilling equipment.
 - Hunter to begin site restoration.

Communications

- WSP (Formerly Wood) provided Maricopa County and ADEQ with a project update via email on 10/03/2022.

Sampling

- No sampling activities took place during the reporting period.

Email: landfillprojects@maricopa.gov

Reporting

- WSP submitted a technical memo to Maricopa County on 10/04/2022 providing details of a planned SVE system rebound test to assess current vadose zone conditions and optimize SVE operation.

Permitting

- A call between Maricopa County, the COP and WSP to discuss the final permit conditions associated with the industrial users discharge permit was conducted on 10/06/2022.

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.