



Protecting Groundwater for Future Generations

Maricopa County - Cave Creek Landfill Remediation Project

Weekly Update for week ending 03/10/2023

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 3 weeks.

Phase 3 GWTS (Injection Well and Infrastructure)

- No construction related work took place during the reporting period.
- Upcoming work in the next 3 weeks includes:
 - Conduct a plant survey of the GWTS Phase 3 exterior to inventory salvaged plants to be replanted during landscaping of the southern portion of the site per a request by the City of Phoenix (COP).
 - Perform landscaping of the south side of the Phase 3 compound exterior; WSP is working with the COP to reinstate the landscape permit so the work can be completed.

GWTS Operations

- The GWTS was placed into routine operation and maintenance (O&M) on 03/06/2023.
- Performance sampling of the Phase 1 GWTS was performed on 03/09/2023.
- A backwash of the injection well (IW-01) was performed on 03/10/2023.
- Upcoming work in the next 3 weeks includes:
 - Routine O&M of the system.
 - Perform a backwash of the Phase 1 liquid phase granular activated carbon (LGAC) vessels.

SVE Operations (Source Remediation)

- The SVE system remains offline pending analysis of soil vapor data.
- WSP is awaiting analytical data from the 12 week post shutdown sampling event.
- WSP is evaluating soil vapor data and will provide a summary of conclusions and recommendations for future SVE system operation by 03/31/2023.

Drilling Operations

- WSP staked out the extents of the access route and drilling pad for MW-14 on 03/10/2023 in advance of a site walk with drilling contractors scheduled on 03/13/2023.

Communications

- WSP provided Maricopa County and ADEQ with a project update via email on 03/06/2023.

Sampling

- The 1st Quarter 2023 Soil Vapor Sampling Event continued during the reporting period.

Email: landfillprojects@maricopa.gov

Reporting

- WSP submitted the 4th Quarter 2022 Progress Report for review to Maricopa County on 03/08/2023.

Permitting

- The COP collected samples from the GWTS sewer discharge process stream on 03/06/2023.
- RDH Environmental (sampling subcontractor) collected samples from the GWTS sewer discharge process stream on 03/06/2023 per the COP Discharge Permit requirements.