



## Protecting Groundwater for Future Generations

### **Maricopa County - Cave Creek Landfill Remediation Project**

*Weekly Update for week ending 03/17/2023*

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 1 GWTS Expansion**

- The Phase 1 Expansion building permit application was submitted to the Maricopa County Planning and Development Department (MCPDD) on 03/15/2023.
- WSP began issuing purchase orders (POs) to vendors for long lead capitol equipment necessary for Phase 1 expansion.

#### **Phase 3 GWTS (Injection Well and Infrastructure)**

- J2 (landscape architect) performed a plant survey to identify salvaged plants available for landscaping the south side of the site exterior; the plant survey was requested by the City of Phoenix (COP) to renew the landscape permit.
- A Tuff Shed was constructed onsite to store spare parts and O&M materials.
- Upcoming work in the next 3 weeks includes:
  - 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 operated intermittently during the reporting period as minor adjustments were made to optimize flows.
- The first monthly process water performance sample results were received with the following concentrations reported:
  - Treatment System Influent – 54.8 micrograms per liter ( $\mu\text{g/L}$ )
  - Carbon Mid-fluent – Non Detect (ND)
  - Treatment System Effluent ND
- 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 received the results from the 12 week post shutdown sample event and soil vapor concentrations immediately south and east of the transfer station are continuing to increase.
- WSP is evaluating soil vapor data and will provide a recommendation regarding extending the rebound test by 03/24/2023.

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**Drilling Operations**

- WSP conducted a pre-bid site walk with drilling subcontractors to visit the MW-14 and TSSV-08 locations on 03/13/2023.

**Communications**

- WSP provided Maricopa County and ADEQ with a project update via email on 03/13/2023.

**Sampling**

- No sampling was completed during the reporting period.

**Reporting**

- WSP submitted the 4<sup>th</sup> Quarter 2022 Progress Report to ADEQ on 03/16/2023.

**Permitting**

- No permit related activities were completed during the reporting period.