



## Protecting Groundwater for Future Generations

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

*Weekly Update for week ending 4/3/2022*

Below is a summary of activity that took place for the Cave Creek Landfill project last week.

NOTE: The Weekly Update now includes a look ahead at the activities planned in the next two weeks at the Phase 3 (Injection Well) site on Sleepy Ranch Road. Activities are subject to change.

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

- Continued construction of the wastewater reservoir including:
  - Completed construction of formwork for the wastewater reservoir deck.
  - Completed installing rebar for the wastewater reservoir deck.
  - A Wood structural engineer performed a special inspection of the rebar for the wastewater reservoir deck on 04/01/2022 and approved the work.
  - **The concrete pour for the wastewater reservoir deck was delayed until the week of 04/18/2022 due to high demand and inability of concrete suppliers to deliver.**
- Conducted a preconstruction meeting with the City of Phoenix (COP) civil inspector on 03/29/2022 to discuss the site grading and drainage work.
- Upcoming work in the next 2 weeks includes:
  - COP structural inspector scheduled to perform an inspection of the wastewater reservoir deck rebar on 04/05/2022.
  - Begin excavation for the wastewater reservoir discharge line tie in on 04/06/2022.
  - Install formwork and rebar for the electrical gear pad.

#### **SVE Operations (Source Remediation)**

- The soil vapor extraction (SVE) system operated throughout the period.
- Wood completed its review of a revised Draft Air Discharge Permit from the Maricopa County Air Quality Department (MCAQD) and has no changes to the Draft Permit language.

#### **Drilling Operations**

- No drilling related work took place during the period.
- Wood began its evaluation of the pump test data from EW-02 and will report the results when completed.
- Survey of the newly installed groundwater monitoring (MW-16 and MW-17) and groundwater extraction (EW-02 and EW-03) wells is scheduled for 04/06/2022.
- A meeting with Layne (drilling subcontractor), Hunter (site preparation subcontractor), Wood and representatives from the Dove Valley Ranch (DVR) golf club is scheduled for 04/06/2022 to discuss drilling work for groundwater monitoring wells MW-14 and MW-15.

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### **Communications**

- Wood provided Maricopa County and ADEQ with a project update via email on 03/28/2022.
- Wood received data files from ADEQ for a groundwater modeling evaluation of potential injection of treated effluent from a Town of Cave Creek wastewater treatment plant located approximately a mile north of the landfill; Wood is reviewing the modeling files and will respond to ADEQ the week of 04/04/2022 regarding its assessment.

### **Sampling**

- No sampling occurred during the reporting period.

### **Reporting**

- No reporting occurred during the reporting period.

### **Permitting**

- No permitting activities occurred during the reporting period.