



## Protecting Groundwater for Future Generations

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

*Weekly Update for week ending 9/3/2022*

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 continued making piping connections to field equipment and instrumentation.
- Keller (electrical subcontractor) continued pulling wire from the electrical gear pad to field equipment and instrumentation.
- The City of Phoenix (COP) Wastewater Group conducted an inspection of the Phase 3 site on 08/30/2022 to confirm the treatment system and sample locations matched the Wastewater Industrial User Discharge (WWIUD) Permit documents; based on the inspection results the COP will issue the Final WWIUD Permit upon completion of construction.
- Wood conducted a call with the APS project coordinator to discuss the status of the APS electrical service on 08/30/2022 with the following results:
  - Ten transformers of the correct size and configuration for the Phase 3 system will be received by APS on 09/13/2022.
  - On 09/16/2022 the available transformers will be allocated to various APS projects including the Cave Creek Landfill GWTS Phase 3 project although there is no guarantee that this project will receive one of the available transformers.
  - If the GWTS Phase 3 project receives a transformer, APS will install the transformer and pull wire on 10/03/2022.
- Upcoming work in the next 2 weeks includes:
  - Complete work making piping and electrical connections to the injection wellhead vault and wastewater reservoir.
  - Install meter for potable water service (COP).
  - Install radio antenna for communications between the GWTS Phase 1 and Phase 3 systems.
  - Install the canopy for the electrical gear.
  - Complete site grading.
  - Set the injection well pump and flow control valve.
  - Coordinate with APS to install the transformer and pull wire from switchgear to the transformer.

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

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

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### **Drilling Operations**

- Layne (drilling subcontractor) Continued drilling the borehole for MW-15 and had achieved a depth of 743 feet below ground surface (ft bgs) by the end of the day on 09/02/2022; the target depth of the borehole is 930 ft bgs.
- Upcoming work in the next two weeks for MW-15 includes:
  - Complete drilling of the MW-15 borehole and trip out drill string.
  - Construct MW-15.
  - Develop MW-15.

### **Communications**

- Wood provided Maricopa County and ADEQ with a project update via email on 08/29/2022.

### **Sampling**

- The 3<sup>rd</sup> Quarter 2022 Soil Vapor sampling event continued during the reporting period.

### **Reporting**

- Wood continued drafting the 2<sup>nd</sup> Quarter 2022 Quarterly Report during the period.

### **Permitting**

- Wood conducted the pre-startup inspection of the GWTS Phase 3 site with the COP Wastewater Group on 08/30/2022.