



## **Cave Creek Landfill Remediation Project**

*Weekly Update for week ending 4/17/2020*

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

### **Phase 1 GWTS (Onsite Infrastructure)**

- APS submitted the preliminary design of the Phase 1 electrical line on 04/17/2020; Wood and Hunter (construction subcontractor) are reviewing the design and expect to respond to APS by 04/24/2020. Final design and permitting should be complete 6-8 weeks after that, at which time construction will occur.

### **Phase 2 GWTS (Conveyance Pipeline)**

- No activity took place for the Phase 2 pipeline, construction of the pipeline has been delayed until July 6, 2020 to avoid conflicts with the migratory bird act.

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

- Work related to the Phase 3 perimeter wall included:
  - MPE (Phase 3 wall construction subcontractor) ordered the block for the wall which has 5-8 week lead time.
  - Wood received a cost estimate for changes to the Phase 3 perimeter wall and has transmitted them in a separate email to the County.
- Work continued design of the Phase 3 infrastructure; the target date for completion of the 60% design of the Phase 3 infrastructure is May 29, 2020.
- Spinner logging of the Phase 3 injection well (IW-01) and Phase 1 extraction well (EW-01) to determine if and to what extent a vertical gradient exists in these wells will begin 05/04/2020.
- J2 Engineering (landscape architect) began redesign of the City of Phoenix (COP) approved landscape plans; the revised design is expected to be complete within three weeks and will then be submitted for review by the COP Planning and Development Department (PDD).
- The latest results of monthly groundwater sampling in IW-01 were received from the lab and are listed below:
  - Trichloroethylene (TCE) was detected at 4.0 micrograms per liter ( $\mu\text{g/L}$ ) at 724 feet below ground surface (ft bgs).
  - TCE was detected at 4.1  $\mu\text{g/L}$  At 750 ft bgs.
  - The depth to groundwater is approximately 711 ft bgs.

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

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

### **Groundwater Characterization (Monitoring Well Installation)**

- Wood continued working with the Arizona State Land Department (ASLD) to obtain access for installation of groundwater monitoring wells MW-16 and MW-17 per the Final Groundwater Characterization Work Plan; a call between Wood, Maricopa County, ADEQ and ASLD to discuss access is scheduled for 04/20/2020.
- Wood prepared a draft request for proposal (RFP) and bid specification package for installation of MW-16 and MW-17; solicitation of bids for completion of the scope of work proposed in the RFP will be initiated following granting of access by the ASLD.

### **Communications**

- Wood provided Maricopa County with a project update via email on 04/13/2020.

### **Reporting**

- No reporting occurred during the week.