**Date:** **April 15, 2022**
**To:** **Scott Wetzel**
**From:** **Dave Erickson**
**Subject:** **Semi-Annual Progress Report for Selecting and Designing Remedy Huntington Power Plant – CCR Landfill**

In compliance with the requirements of the Coal Combustion Residuals (CCR) *Final Rule*, § 257.97(a), included herein is a semi-annual progress report for remedy selection and design. The Corrective Measures Assessment for the CCR Landfill was completed and posted to the plant operating record on 4/15/2019. The preferred alternative in the assessment is optimization of the existing groundwater capture system. To date, the following activities have been completed in the selecting and designing a remedy:

- **7/23/2019:** Conducted a public meeting to discuss the results of the corrective measures assessment.
- **8/26/2019:** Received comments from Heal Utah, Utah Clean Energy, and the Sierra Club. Comments were addressed in Remedy Selection Report.
- **10/8/2019:** Completed internal work plan detailing the scope of work necessary to implement upgrades.
- **10/30/2019:** Performed aquifer testing using existing well HLF-8N to determine if it produced sufficient water to support groundwater capture.
- **12/14/2020:** Installed and developed four additional aquifer test wells HDP-4, HDP-5, HDP-6, and HDP-7.
- **01/14/2020:** Performed 14-hour pump test on HDP-5, while monitoring water levels in HDP-4, HDP-6, and HDP-7.
- **March 2020:** Completed evaluation of aquifer test data.
- **April 2020:** Began design for a pump and treat system, to include specifications for piping, electrical, and pumps needed to develop a closed system.
- **August 2020:** Pump and treat system 90% design completed.
- **September 2020:** Received order of approval from the UDEQ State Engineer, for permanent change application 93-3782 granting the water right necessary to install the pump and treat system defined in the remedy selection report.
- **October 2020:** Remedy selection report, nature and extent report, and corrective measures sampling and analysis plan were placed in the plant operating record. The remedy selection report was also placed on the CCR website.
- **February 2021:** Installed plumbing and electronic controls to the pump and treat wells completed in December 2019 and underwent aquifer testing in January 2020. A full system test was performed to ensure the system is operational. Start-up will occur after permit updates have been approved by UDEQ.
- **April 2021:** System start-up was attempted, but a pump failure occurred. A new pump was ordered following initial start-up attempt.
- **September 2021:** The replacement pump was installed, and system start-up was initiated. The system is fully operational and is capturing groundwater in accordance with the

Remedy Selection Report. Additional adjustments to the control system are ongoing as the system is optimized. Plant personnel are monitoring system performance.

Upcoming tasks relative to the CCR Landfill will include the following:

- Continue to monitor system operation; and
- Continue semi-annual groundwater monitoring.