



To: Mountain Regional Water Administrative Control Board Members
From: Sam Grenlie
Date: June 20th, 2024
Re: Engineering Department Update

OVERVIEW OF PAST MONTH:

1. Engineering and Capital Projects

a. Capital Projects:

- i. **Old Ranch Booster Pump Station Upgrades** continue to make progress. The bulk liquid nitrogen tank has been delivered and installed on site. This will allow the existing (discharge side) surge tank to be converted to the nitrogen system. The new surge tank has been designed and ordered for additional surge protection on the suction side of the pump station. Electrical specification and procurement continue for 2025 targeted completion.
- ii. **Sun Peak Well 2 Rehabilitation** is completed. Utah Division of Drinking Water (DDW) requirements have been satisfied and the well has been activated and ready for use in the system. This well took significant effort on start up sampling after many years of inactivity, and our Staff Engineer (Jessica DiCaprio) has been instrumental in ensuring the is well available for use during peak season with a great effort.

b. Engineering and Design Studies

- i. **Asset Management Systems (AMS)** effort continues as we prepare a Request for Proposal (RFP) for potential vendors regarding software solutions for our AMS at Mountain Regional. Several live demonstrations have been scheduled and we continue to refine current (and future) needs for the RFP.

2. Water Quality

- a. Signal Hill Water Treatment Plant Design** has kicked off with our treatment consultant, Carollo. We completed two full days of workshops and plant tours (Signal Hill and Park City). This work will ramp up sharply for the rest of the year with significant bench testing to be completed at Signal Hill commencing shortly.
- b. Compliance Sampling** has been slated to move to the Engineering and Development Department for our Utah DDW required sampling program. This is currently in transition with our Project Coordinator, Stacy Blonquist, taking the lead on coordinating the additional sampling efforts throughout the year.

3. Development and Miscellaneous

- a.** Construction season is in full effect with no less than six active, subdivision-level projects under construction in the District. Stacy continues to lead the coordination and inspection of these projects ensuring quality products for District acceptance.
- b.** The 5th Grade Sustainability Festival took place last month at McPolin Elementary School. Recycle Utah coordinates a diverse group to educate ~230 local 5th graders about sustainability from soil and composting to land use, ecosystems and watersheds. It's a great opportunity for Mountain Regional to talk about conservation and sustainability. Kimbre Richins, with Customer Service, was able to participate this year and helped make for a smooth day (see photo next page).

FOCUS FOR NEXT MONTH:

1. Focus on moving Signal Hill efforts forward with bench testing and continuing to bring the Carollo team up to speed.
2. Finish AMS efforts to solicit vendor proposals and find the best software solutions available for the District.



**Teaching the Relationship of Water and Energy
Recycle Utah 5th Grade Sustainability Festival**