



To: Mountain Regional Water Administrative Control Board Members
From: Sam Grenlie
Date: April 18th, 2024
Re: Engineering Department Update

OVERVIEW OF PAST MONTH:

1. Engineering and Capital Projects

a. Capital Projects:

- i. **Sage Hills Estates Betterment** has seen significant progress over the spring season. The last piece of this project is an above ground structure housing control valves to complete the development and the new transmission pathway for Mountain Regional. We anticipate Conditional Acceptance of this system shortly.
- ii. **Sun Peak Well 2** is also nearly rehabilitated and online for the first time in ~20 years. Electrical upgrades have been completed and the new pump has been installed and tested. The well has been 'handed off' to the Distribution Team to flush, sample, and make final arrangements prior to turning the water into the system.

b. Engineering and Design Studies

- i. **Signal Hill Water Treatment Plant Design** scope of work is currently being developed. Carollo Engineers were selected through the District's public Request for Statements of Qualification (RSOQ) process. This effort has been kicked off with Mountain Regional and Carollo with more details to follow (including a future Task Order / Contract for Board approval) for the 2024 design effort.

ii. **Strategic Asset Management Plan (SAMP)** continues progress in 2024. Working with District Asset Management consultant, Jacobs, we have been having weekly workshops developing the District SAMP. This workshop committee has representation from Operations and Finance and is the first step in our 2024 asset management effort.

1. **Preventative Maintenance Training** also occurred with a national expert from our Jacobs team, Jim Oldach. We had wide participation with Operations for this all-day training effort, which started a number of constructive conversations with Operations as we take steps to formalize our asset management strategies.

2. District Analysis and Miscellaneous

a. We have completed our supply and demand analysis on our 2023 water year, which is one of the larger work products produced over the first quarter of each year. This has been submitted to both the Utah Division of Water Rights and the Summit County Concurrency program. We may present interesting findings and trends in a future Board presentation from this effort including water use, loss, and growth metrics.

3. Water Quality

a. The Biden-Harris Administration issued the enforceable drinking water standard regarding polyfluoroalkyl substances (PFAS). This regulation was not a surprise, as the EPA has had excellent communication through the rule making process. The current limits pose no issue to any existing Mountain Regional sources, however; the District will plan to continue its voluntary quarterly sampling across sources to continue to be proactive with these chemicals and future regulation.

FOCUS FOR NEXT MONTH:

1. Prepare both capital and development projects for the upcoming construction season.
2. Continue to develop 2024 Signal Hill Water Treatment Plant design scope with Carollo.