



To: Mountain Regional Water Administrative Control Board Members
From: Sam Grenlie
Date: September 19th, 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, with the purchase order for the generator included in this Board Packet. The second surge tank has been delivered and Operations is planning for its installation in September.

b. Engineering and Design Studies

- i. **Upper Evergreen Water Line Project** is nearing 100% completion in preparation of bidding the project this fall. As of September 12th, Summit County Engineering have communicated they are completing a Summit Park roadway project on Matterhorn Terrace in 2025. The District is currently evaluating whether to delay the Evergreen project in favor of collaborating with Summit County, which would save roadway and paving costs.
- ii. **Asset Management Systems (AMS)** effort continues. Staff have narrowed down the responding proposals to 4 finalists that provide an Enterprise Asset Management (EAM) software solution. We have been calling numerous references with other organizations that have implemented the finalist EAM solutions, ahead of having a final interview and demonstration the week of September 23rd, all prior to making the ultimate selection.

2. Water Quality

- a. **Signal Hill Water Treatment Plant Design** continues. Staff have been working closely with our treatment consultant, Carollo, developing alternatives to evaluate through the remainder of the year. Alan Domonske, of Carollo, will be joining the September Board Meeting to screen alternatives with the Administrative Control Board.

3. Development and Miscellaneous

- a. **2024 Sanitary Survey** took place September 11th and 12th. This is a comprehensive system inspection with our regulator, the Utah Division of Drinking Water. This takes place every three years and has been a large effort for the District. Operations has inspected every District facility in preparation for the survey and we will update the Board with the Survey results.

FOCUS FOR NEXT MONTH:

1. Continue to maintain schedule on the Carollo design effort.
2. Finalize EAM selection.
3. Finalize 2025 Capital Project budgets to aid Finance. Estimate 2025 design budgets to prepare two years out for 2026 construction.



A new, temporary pump has been installed in the sedimentation basin at Signal Hill.

Bypassing the plate settlers will allow MRW to run a full-scale 'Direct Filtration' pilot test on one membrane skid.

This will be very valuable data as we conclude screening alternatives and select a plant design concept.