



To: Mountain Regional Water Administrative Control Board Members  
From: Sam Grenlie  
Date: December 12<sup>th</sup>, 2024  
Re: Engineering Department Update

## OVERVIEW OF PAST MONTH:

### 1. Engineering and Capital Projects

#### a. Capital Projects:

- i. A year-end Capital Project summary is included in the Board Packet for presentation and discussion.

#### b. Engineering and Design Studies

- i. **Matterhorn Terrace Water Line:** This project is progressing through design with survey and an 80% roadway design completed by Summit County. Mountain Regional will work towards a 60% water line design by the end of year to keep schedule on track.
- ii. **Lost Canyon Booster Pump Station Capacity:** We have solicited bids from four vendors for the Pump 1 replacement at Lost Canyon. We are currently evaluating the pumps prior to procurement for next year.

### 2. Water Quality

- a. **Signal Hill Water Treatment Plant Design:** Progress continues with an Alternatives Workshop taking place at Mountain Regional on November 20<sup>th</sup>. A truncated version of this workshop will be presented to the Board in January. We were initially planning on presenting in December but given more time a cost analysis can be completed and presented. This should aid the discussion in January before moving towards 30% design.

### 3. Development and District Analysis

- a. Active development projects show no sign of slowing down through the winter months, with an active water line and control valve building being built in the upper Colony. Stacy Blonquist, our Project Coordinator, continues to do an excellent job with Construction Administration. There are 21 active subdivision-level development projects in the District that are under design, review, or currently being constructed. We have four projects “Conditionally Accepted” (under warranty). We have placed approximately 10 projects into Final Acceptance in 2024.
- b. As part of the 2024 Lead Tech program, the four operators had time assigned for engineering and water quality efforts. For a water quality ‘project’ the Lead Techs conducted sampling in lower Summit Park, where we have been troubleshooting chlorine residual. Their sampling and experience were written into a memorandum for their managers and will likely lead to a change in operation and improvement in water quality – especially in the Discovery neighborhood for 2025.

#### FOCUS FOR NEXT MONTH:

1. Kick off 2025 capital and design projects.
2. Focus on providing a ‘Class 4’ cost estimate for Signal Hill improvements to the Finance team first quarter of 2025 to complete the WIFIA application.



**New Water Line being Installed at the Last Chance Subdivision (Upper Colony)**