



To: Mountain Regional Water Administrative Control Board Members

From: Sam Grenlie, District Engineer  
Jessica DiCaprio, Staff Engineer

Date: May 21<sup>st</sup>, 2026

Re: Engineering and Development Department Update

## 1. Capital Construction Projects

- a. **Old Ranch Well 17:** Construction is nearing completion and the project has entered the active development phase. Early indicators are positive, with the well already producing over 200 gallons per minute and displaying an artesian static water level 5.5 feet above the ground surface. However, this unexpectedly high yield has caused development fluid volumes to significantly exceed the original 100,000-gallon hauling estimate. The District is actively trying to mitigate these rising disposal costs by finding alternative discharge locations.
- b. **Atkinson Well 2:** Nickerson Company is currently on-site as of May 15th, actively installing the new pump and 2-inch injection line to support future Aquifer Storage and Recovery (ASR) operations. Prior to the installation, a video inspection of the well was completed and reviewed by the District's hydrogeological consultant, Bowen Collins & Associates (BCA), to confirm the condition of the well casing following the successful debris retrieval and brushing efforts.

The Underground Injection Control (UIC) permit for the ASR project was successfully renewed by the Division of Water Quality (DWQ). The associated application with the Division of Water Rights (DWRi) remains under active review.

- c. **Canyons Tank Replacement:** The District successfully secured the building permit from Summit County and completed the County's preconstruction meeting. Through coordination with Vail, a final tank color has been officially selected. FX Construction is currently on-site installing erosion control

measures and prepping the area, with a full project preconstruction meeting scheduled for May 25th.

- d. **Lost Canyon Pipeline Maintenance:** Staff successfully completed pigging operations on the Lost Canyon water transmission line. This clears interior buildup to ensure optimal flow efficiency and may have water quality benefits for our surface water treatment.

## 2. Design and Planning Projects

### a. **Signal Hill Water Treatment Plant (SHWTP) Optimization:**

- i. **90% Design:** The submittal is targeted for mid-June, maintaining the schedule for a mid-October bid opening. A Control Board update is currently being scheduled after 90% design and prior to the bidding process.

Additionally, the Chemical Building's design has received feedback from both Summit County Planning and Promontory architects to ensure the design will meet all applicable codes and regulations regarding the ridgeline.

- ii. **SBWRD Industrial Permit:** Coordination continues for the SHWTP industrial user permit. Because SBWRD's formal application process will not be ready until 2027, we are proceeding under their existing informal process. Carollo is currently analyzing pressate sampling events against the Quinn's permit limits to anchor these discussions.

## 3. Programs, Planning and Initiatives

- a. **Production Report:** See attached at the end of the update for April production data. No significant updates, demand remains low with SHWTP making up the bulk of production.
- b. **Regulatory Compliance (Lead and Copper Rule Revision):** No public notice requirements are needed for the Lead and Copper Rule Revisions this year. Staff is actively sending reminders to customers with "unknown" service lines to submit their information via our portal, while we await the Utah Division of Drinking Water template for the upcoming 2027 inventory update.

#### 4. Development

- a. **Promontory Infrastructure and Coordination:** Staff is currently managing several ongoing infrastructure issues and coordination efforts with Promontory development:
  - i. North Raw Water System: Staff must replace the Promontory pumps for their north raw water system. These are currently housed in the SHWTP, but space has been allocated for the expansion.
  - ii. South Pond (Reservoir) Redesign: MRW engaged Bowen Collins & Associates (BC&A) for QA/QC and plan review of the developer-designed plans. BC&A's preliminary review identified significant concerns, including the lack of a geotechnical investigation and no finalized review from Utah Dam Safety.
  - iii. Raw Water Hookups: The District is addressing concerns regarding the expansion of raw water hookups to individual customers within Promontory.

#### 5. Focus for Next Month:

- a. **Old Ranch Well:** Mitigate excessive water hauling, and prepare for well equipping design once aquifer testing is complete.
- b. **Promontory Coordination:** Finalize raw water pump system design, path forward on South Pond, and address individual raw water connections.



MRW staff toured Salt Lake City's City Creek Water Treatment Plant upgrade.

# 2026 Daily Source Production



