



To: Mountain Regional Water Administrative Control Board Members

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

Date: October 22, 2026

Re: Engineering and Development Department Update

1. Capital Construction Projects

- a. **Old Ranch Well No. 17:** Permanent equipping design advanced to the 90% review stage. The Drinking Water Source Protection Plan (DWSP) draft was also completed. Staff continues to coordinate with Quarry Mountain HOA regarding impacts to their Bailey Spring. Service remains targeted for the 2027 irrigation season.
- b. **Canyons Tank Replacement:** Foundation preparation and underground work are complete. Unsuitable subgrade required excavation to bedrock, engineered backfill, and relocation of an adjacent 8-inch waterline. These changed conditions will impact the contract, but the Canyons Tank remains within Mountain Regional's projected budget. Steel tank erection remains scheduled for 2027, and staff has worked through financial impacts with the supplier.

2. Design and Planning Projects

- a. **Signal Hill Water Treatment Plant Optimization:** Carollo completed the 100% design and bid documents, with the GAC expansion and mechanical dewatering included as an additive bid alternate. Staff coordinated SRF loan checklist and WIFIA environmental documentation and presented financing needs to Summit County Council. Preparations continued for an October bid opening and possible November contract award.
- b. **Utah Olympic Park Master Plan:** Staff backchecked transmission-main sizes and network connections with Bowen Collins & Associates to improve the hydraulic model used for the Olympic Park Master Plan.

3. Programs, Planning and Initiatives

- a. **Engineering Consultant Prequalification:** Prepared the General Civil Engineering RSOQ for the 2027-2029 consultant pool and established an October release and November evaluation schedule.
- b. **Asset Management and EAM:** Staff completed vertical facility criticality scoring and expanded digital work orders. Ongoing work includes horizontal asset criticality scoring and development of condition scoring criteria. Other initiatives include preventive maintenance planning and expanded tracking of labor, equipment, and material costs.
- c. **Engineering Intern Recruitment:** Staff finalized the Water Resources Engineering Intern job description with County human resources. Staff also attended University of Utah STEM and Civil Engineering Career Fairs to start the outreach process. The position will support hydraulic modeling, water loss analysis, and GIS and EAM data verification in 2027.

4. Development

- a. **General Development:** Completed reviews for the Strata Apartments in Silver Creek Village and issued engineering comments for the Promontory Beach Club Villas subdivision. A preliminary water service feasibility letter for Lincoln View outlined the annexation and capacity reviews required before service could be committed.
- b. **Development Administration:** Stacy Blonquist, Project Coordinator, has developed online plan review forms, streamlined development agreements, and a fee collection system for our newly implemented Plan Review Fee.

5. Focus for Next Month:

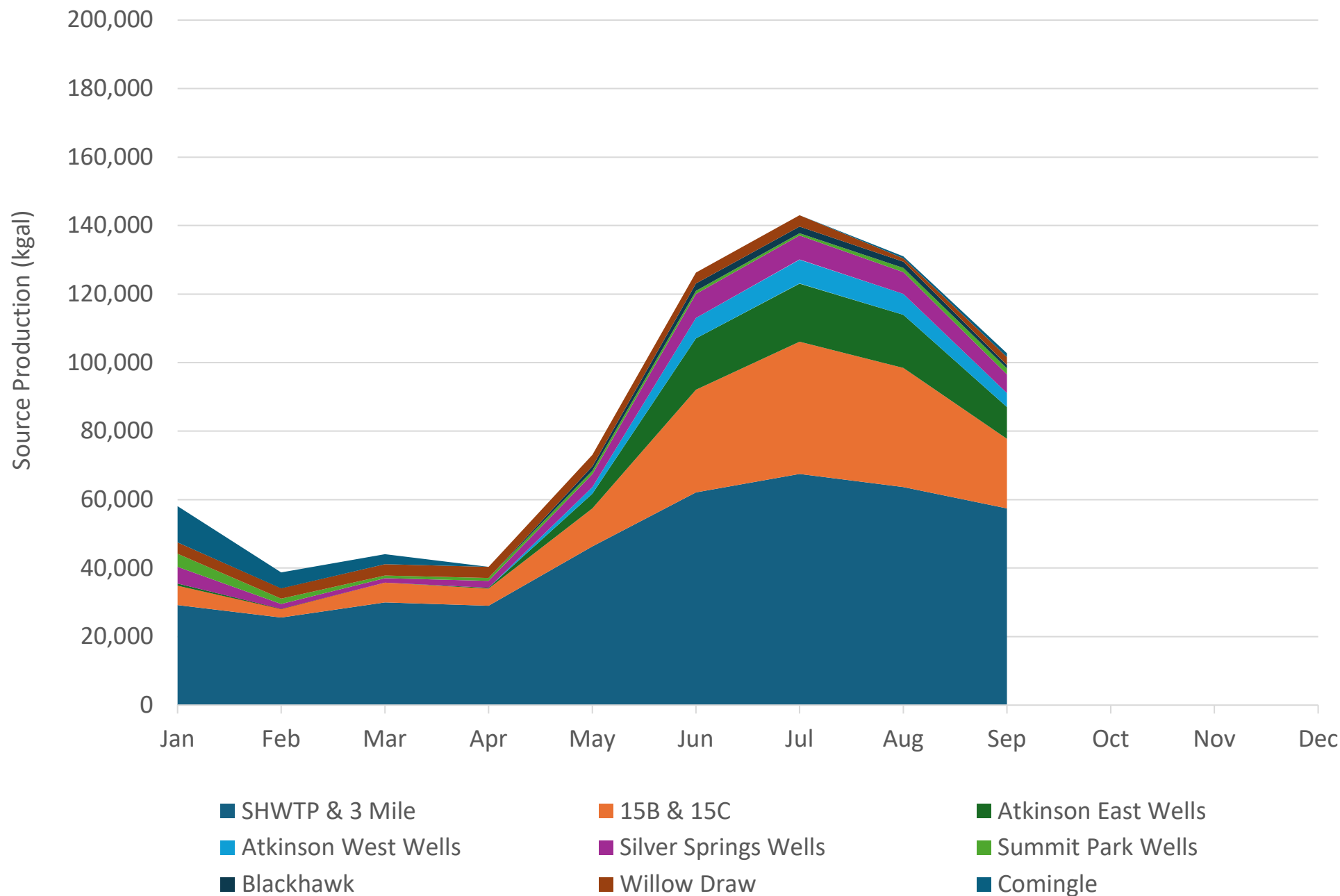
- a. **SHWTP Optimization:** Continue bid coordination and prepare for a possible construction contract award.
- b. **Capital Projects:** Advance Old Ranch Well equipping and coordinate the remaining 2026 work at the Canyons tank site and Old Ranch Pump Station.
- c. **Department Programs:** Advance consultant prequalification and intern recruitment. Continue asset criticality and condition scoring.



District staff and EPA contractors sampled 25 hydrants through EPA's Tackling Emerging Contaminants (TEC) program to assess water quality and pipe deposits. Results will help guide future treatment and corrosion control practices.



2026 Monthly Source Production



2026 Daily Source Production

