

Town of Alpine Monthly Engineer's Report

Council Meeting: June 17, 2025
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Engineering/Owner Representative
Prepared On: May 12, 2025

Summary of Tasks

Water Fund:

1. **AMI Radio Read Project:**

- Contractor Core & Main is finalizing the last submittals for concrete vaults to satisfy the State requirements
- Construction meetings are being held weekly to communicate with construction group
- Town Public Works has installed [85] meters and antennas as of yesterday. Public Works intends to finish their meter installation work by the first week of July
- Installation of larger meters and associated concrete vaults start date is still to-be-determined. All concrete vaults were to be delivered this week.
- An out of state plumbing contractor will work under Core and Main to install the interior water meters after the first week of July
- Operational system is still scheduled for the first week of August
- Change Order-2 scope and cost was finalized. This change order adds larger water meters and controls to existing well pumps, including Targhee Place and the Flying Saddle mains.
Note: ARPA grant is funding ~60% of this project.

2. **Development Reviews:**

- No developments are currently being reviewed

3. **Water Rate Recommendations:**

- Town Staff and Jorgensen continue working on revised ordinances and rate updates. With upcoming capital projects and repairs/maintenance inflation costs water rates will be looking for a ~20% increase. The rate changes are looking to adjust the monthly base rates to maintain a steady operational cash flow for the enterprise fund.

4. **Water Permitting:**

- Gray's River Well variance request was approved by the State Engineers Office [SEO]. This variance will allow the Town to continue using its single water flow meter instead of re-piping the [3] well heads and installing [3] new flow meters.
- The *final* updated service area map for the Town of Alpine municipal wells has been sent in. The Town now complies with all SEO regulations regarding their municipal wells,

including Alpine Water District [AWD] Well-4 (aka Mega-Well), which is separate from DEQ permitting.

- DEQ permitting for AWD-4 Well is [2] phases:
 - 1) designate Well-4 as a Public Water Supply Source
 - 2) connect Well-4 to a Public Water System. Permitting process to commence upon recommendation from Sunrise Engineering water study master plan.
- Note: DEQ permitting could be problematic, given the well screen position relative to fluctuating water level, due to seasonal reservoir draw down

Sewer Fund:

1. Sewer Rate Recommendations:

- Town Staff and Jorgensen are working on revised ordinances and rate updates. With inflation rates and increased costs of repairs and maintenance it looks like a ~27% increase. The rate changes are looking to adjust the monthly base rates to maintain a steady operational cash flow for the enterprise fund.

2. Capacity Fees:

- Town Staff, Raftelis and Jorgensen are in discussions about the cost of infrastructure and how that should relate to new developments joining the Town's infrastructure. Raftelis' report is due in July for Staff and Council review.

Pre-Treatment Plant Update:

1) Process Piping Systems construction;

- General contractor has not been working on-site since the end of February [no change]
- Substantial completion date was not achieved [April 30, 2025]
- Town legal counsel and contractors legal counsel have been contacted
- Jorgensen was asked to find other contractors to finish project;
 - i. Mountain West Mechanical [original mechanical contractor doesn't have resources at this time]
 - ii. Servant Electric has provided a scope and rate fee schedule for electrical trade work
 - iii. Snake River MEP has provided a rate fee schedule for all trades
- Major equipment providers [Cambrian Innovations and Schwing Bioset] are on hold

Brewery Effluent:

- 1) Town Staff, Melvin Brewery, JVA Consulting and Jorgensen are in discussions on how to maintain a steady biological mix to the existing wastewater treatment plant to prevent major disruptions. JVA Consulting is working on a scope of work for the review, study, recommendation and penalty fees of the received effluent mix.