

Town of Alpine Monthly Engineer's Report

Meeting Date: March 18, 2025
Submitted By: Kevin Meagher, Project Manager
Prepared On: March 13, 2025

Summary of Tasks

Water Fund:

1. **AMI Radio Read Project:**

- The first round of Material Submittals have been received and reviewed. Waiting on Core and Main for re-submittal.
- Public Works to provide water meter lay-lengths
- Pre-construction meeting and schedule from Core and Main forthcoming.
- Project to be completed by August

2. **Development Reviews:**

- Alpine Village Subdivision project (Dead Horse Meadows Lot-1, Bldg.-A Fabrication Shop) building permit plans have been reviewed and additional information is required.
- Water/Sewer Standards & Details are revised and ready for Council approval
- Road Standards & Details were forwarded to Public Works for review and discussion

3. **Water Rate Recommendations:**

- Town Staff, Midwest Assistance Program and Jorgensen are working on rate increase recommendations to cover the cost of domestic water systems

4. **Water Permitting:**

- State Engineer's Office (SEO) Water Well Permitting Status:
 - The SEO has received a new application for the Alpine Water District #4 Well (formerly known as the "Mega Well"). The original permit for the "Mega Well" has been/will be cancelled by the SEO. The new permit will allow for municipal use. Because the original Mega Well permit was incomplete, this is the easiest way to permit it for municipal use. We do not expect any issues with securing this permit.
 - The SEO has received a draft copy of the updated service area map. The updated service area map depicts the entire town and proposed annexation sections. Wells- 1, 2, 3 and 4 will be permitted for use in these areas. Previously, Wells 1-3 were not permitted for use north of the river/reservoir. Upon approval, the map will remedy this non-compliance.

- The SEO has received well production data for Wells-1, 2, 3 and 4 to be used in their review process.
- Wyoming Dept. of Environmental Quality (DEQ) Permitting:
 - The DEQ requires wells connected to public water systems (PWS) to be constructed per their requirements. We are waiting on a Public Records Request to determine if Well-4 and the Flying Saddle Wells were permitted as PWS sources. If they are already permitted as such, this simplifies the review and approval process for connecting them to the ToA water system. If not, the DEQ will rely on the as-builts to verify they meet the construction requirements. We have the information we need for Well-4; however, we do not have construction drawings for the Flying Saddle Wells. We cannot guarantee the DEQ permit for Well-4 connection, but it seems likely, given our conversation with the DEQ Engineer.
 - If the Flying Saddle Wells are not listed as a PWS source, we would recommend that the Town not connect them to their water system, the process will be cost-prohibitive for the small well production benefit – especially when Well-4 comes online at full production.
 - The DEQ will require a backup power generator for Well-4. The DEQ may determine that Wells 1-3 require additional backup power generation.

Sewer Fund:

1. Sewer Rate Recommendations:

- Working with Midwest Assistance Program on recommended rate increases to cover the maintenance and operational costs of the system

Pre-Treatment Plant Update:

1. Building construction:

- Roof leaks have been identified around roof hatch. General contractor is waiting for snow to get off the roof to review and repair. We discussed opening up the roof system to inspect/replace materials as needed due to moisture from roof leak.

2. Process Piping Systems construction:

- We are currently waiting for the delivery of unallocated parts that were approved via change orders, at last month's Council meeting.
- Process piping substantial completion is expected at the end of April
- Plant turn-over is expected to be in May

Miscellaneous Items:

1. Water and Sewer ordinance review and recommendations are on-going with Town Staff
Water and Sewer capital improvement plan budget lists were shared with Public Works for the FY26 budget