

Town of Alpine Engineer’s Report to Town Council

Meeting Date: May 21, 2024
Submitted By: Kevin Meagher, Project Manager
Reviewed By: Vera Donovan, Project Assistant
Prepared On: May 16, 2024

SUMMARY OF TASKS COMPLETED TO DATE

1 – Water Fund

1. AMI Radio Read Project:
 - The team is working on the design of the gateway towers at the Town Shop and Ferry Park and the electrical requirements.
 - Exterior vault inspections are being completed and included in the plan set. Draft Plan documents and specifications are under review.
2. Water Model:
 - No updates on water modeling.
 - Level I Water Master Plan should yield an updated model.
3. Development Reviews:
 - Jorgensen recently reviewed the Lasher Town Homes submittal and submitted the review for consideration. Fire Flow information is pending.
 - The Extended Stay Project is under development review as additional information from the developer is gathered. More information has been submitted and is under review.
 - Alpine Lakes recently applied for annexation into the Town.
 - Sporting Club is interested in creating employee housing on two of their Town hillside lots.
4. Mr. Corsi’s pulsating and air-entrained water issue:
 - a. Jorgensen staff has communicated with Mr. Corsi that Public Works is planning to replace the water meter pit, meter, and backcheck system next week (weather dependent).
5. Water Rights and “Mega Well System”
 - a. Jorgensen met with Town staff to view water infrastructure associated with the Excel Development No. 1 Well (aka “Mega Well”) at the Alpine Lakes Subdivision, Targhee Place, and Gibby Acres.
 - b. Jorgensen is consulting with the State Engineer’s Office (SEO) to determine the best process of integrating the Mega Well into the existing Town municipal water system.

- c. Several water right discrepancies will need to be corrected with the SEO.
 - i. Currently, the Mega Well permit is unadjudicated and expired. Jorgensen believes water is being used outside of the permitted area of use.
 - ii. The existing municipal well permits do not allow use outside of Sections 28-30 (south of the Snake River/Palisades Reservoir).
 - iii. The SEO will require a revised municipal service area to include Sections 17, 18, 19, 20 (north of the Snake River, bounded by the WY-ID state line), and bring the existing municipal system into compliance.

2 – Sewer Fund

1. Pre-Treatment Building Update:

- Building construction
 - Concrete aprons have been poured.
 - Site grading is ongoing.
 - The generator’s automatic transfer switch is being installed.
 - HVAC ventilation system is being installed.
- General Contractor’s Pay App-4 was approved.
- Cambrian Innovation Equipment & Design Update.
 - A Screen Room will need to be built due to code classification issues.
 - Revised electrical line and low voltage drawings are complete for the reclassification.
 - The new screen room architectural drawings are complete.
 - Waiting for Cambrian Innovation to provide their adjusted drawings.
 - Wyoming DEQ approved the reclassification modifications.
 - One contractor expressed interest in the process piping, equipment setting, and electrical wiring at a cost of \$487,969.56.

2. WWTP DEQ Permit Renewal:

- DEQ permit renewal was completed in December and we are waiting on DEQ for comments or renewal.

3. Sewer Utility Financial Plan:

- Midwest Assistance Program (MAP) is creating a Sewer and Water Rate study at no cost.
- Jorgensen provided MAP with the available GIS data.

4. Sewer and Water Geographical Information Mapping:

- Midwest Assistance Program (MAP) will provide paper and digital GIS Mapping services at no cost.
- Jorgensen provided maps from the Town’s database for their use.
- The online GIS portal is being used to help Midwest Assistance Program (MAP) develop the Town’s overall GIS database and import Lead and Copper inventory information.
- MAP is going to be in Town June 3rd for the GIS mapping.

3 – General Fund

1. Jorgensen has responded to emails and calls from town staff and has held internal meetings to coordinate the ongoing and new projects for the town. Additionally, Jorgensen attends Town Council meetings when requested and provides this monthly engineer’s report.
2. Jorgensen assisted with the submittal of the Federal Lands access Program grant.
3. Jorgensen has finished the construction standards for the water and sewer systems.
4. Jorgensen has updated the Planning and Zoning map for the existing Town limits and is working on the future zoning map.
5. Dave Dobler at Lot 37 will meet with Jorgensen this August to discuss the quick claim process for road access.
6. Jorgensen is working on the FY25 engineering and capital improvement budgets
7. SPET 6-Cent Tax:
 - a. Jorgensen provided budgets for the following:
 - Complete Streets Green Belt pathway/sidewalk on South section of highway.
 - Riverwalk project – planning and design.
 - Sports Park roadway and parking lot (clinic).
 - Civic Center Generator – adding miscellaneous items to generator quote.