

**Water Department
May, 2021
Monthly Report**

Operational

1. The plant operated throughout the month and complied with all state and federal requirements for water quality and reporting.
2. All distribution system flows and pressure needs, for both fire protection and the water customers, were met.

Maintenance and Improvements

1. The staff performed all required preventative maintenance during the month.
2. Elkhead work by the staff this month consisted of routine maintenance, and inspections. The staff continued making release rate changes as requested by the river district.
3. The staff continued working on various end of year operational reports for the health department (CDPHE & EPA) this month.
4. Several staff members took various water and wastewater exams during the month for different levels of certification. All exams taken this month were passed.
5. The staff continued working with SGM throughout the month on a few equipment warranty matters, along with two unresolved issues related to the chloramine project. The Roundbottom Tank mixer was replaced under warranty this month. The bid to correct the two remaining issues with the chloramine project was sent out this month.
6. The staff replaced the motors on both pumps at the Stock Drive Pump Station this month.
7. Western Water Solutions came in this month to do the 5-year comprehensive inspection on the Pineridge Tank as required by CDPHE's "Storage Tank Rule".
8. Anson Excavating & Pipe Inc came in this month to remove the old concrete pile at the water plant to prepare for the new solar array that will be installed in this area later this summer as part of the Regional Solar Project. They were almost completed with this work by the end of the month.
9. The water department staff hauled all the sediment from the #1 Backwash Pond to the Moffat County Landfill for final disposal during the month. A total of about 729 tons of sediment was taken to the landfill.
10. The staff continued to assist or work with other city departments, vendors, customers, and contractors as needed. The staff also worked on building and grounds maintenance, equipment repair, and the Cross Connection Control Program.

Distribution System Operation/Maintenance

1. There were 138 line locates requested and completed this month. This required approximately 104.0 man-hours to complete.

2. All work orders, meter readings, meter tech appointments, distribution of nonpayment door hangers, nonpayment water service shut offs, and service line inspections requested or scheduled were completed.
3. Miscellaneous water department work by the staff this month included, completing 16 final meter reads, 24 service turn offs/ons (11 non-payment, 0 seasonal, 1 repair work, and 12 misc.), along with 12 meters/MXUs that were repaired or replaced.
4. During the month the staff repaired (1) water main break, replaced (1) faulty curb stop valve, and continued the valve exercising program by working 8 valves. The staff also completed repairs on the driveway that was damaged by the water main break.
5. The staff were able to perform their regularly scheduled work on the distribution system, completed routine inspections, maintenance, or repairs on all pump and bulk water sales stations, and worked on various equipment maintenance tasks during the month. They were able to assist contractors, other city departments, and complete all emergency assignments as required.

Water Production Statistics

Effluent Total Flow	57,544,000 gallons	Total Chemical Cost	\$16,530.19
Backwash Total Flow	1,514,300 gallons	Total Chemical Cost/MG	\$ 279.90
Total Flow	59,058,300 gallons	Alum & Ash Cost/Mg	\$ 154.35

(Backwash Flow % of Total = (2.63%))

The Craig Municipal Water Treatment Plant utilizes water rights for municipal use. These included direct flow diversions from the following:

Craig Irrigation Ditch	Deep Cut Ditch
Fortification Creek Ditch	Craig Water Supply System

Monthly Report

Wastewater

May 2021

A. Treatment – Operation:

1. Operated treatment plant to comply with State and Federal regulations.
2. Performed daily, weekly, and monthly maintenance as recommended in the manufacturer's manuals.
3. Treated average of 890,000 gallons/day of wastewater.
4. Received and treated 1,900 gallons of hauled waste.

B. Collection – Operation:

1. 104 man hours used to perform 138 line locates.
2. 32 man hours used to hydraulically clean 0.75 miles of sewer main as part of routine (every 5 weeks) maintenance.
3. 15 man hours used to hydraulically clean 0.96 miles of sewer main as part of an annual cleaning program.

c. Collection – Correction

1. 5 man hours used to respond to a backup complaint at 795 Steele St. Sewage was backing into basement toilet and shower. Operators inspected the main and found it to not be flowing well. The main was hydraulically cleaned and an obstruction was found. Roots were removed and flow returned. Homeowner was referred to Liz White for insurance purposes.
2. 1 man hour used to respond to a backup complaint at 735 Legion St. Sewage was coming out of toilet. The main was inspected and found to be flowing well. Operator hydraulically cleaned the main for good measure. Determined to be homeowner's issue.
3. 2 man hours used to respond to a backup complaint on Marianna Way. Sewage was coming out of a manhole. The blockage was determined to be in Cedar Mountain Village Mobile Home Park, which is a private sewer system. The park could not locate a contractor in a timely manner to take care of the problem, so the City crew assisted the mobile home park by removing the blockage and cleaning up the spill.

D. Other:

1. Assisted other departments, local plumbers, and contractors as needed.
2. Analyzed Maybell's Wastewater Plant monthly samples.