

**Water Department
September, 2020
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 releases for the endangered fish program, Tri-State, and the River District this month due to low flow conditions in the Yampa River.
3. The staff continued working with Velocity and SGM throughout the month trying to resolve the outstanding punch list items, as well as some warranty issues that surfaced during the month.
4. Coblaco came in near the middle of the month to do warranty repair painting, etc. work on the Roundbottom Tank. After the warranty work was completed, the tank was disinfected, refilled, water quality testing was performed, and this tank was put back in service on September 25, 2020.
5. The Small Barclay Tank Repair and Improvement Project was worked on by WBS Coatings Inc throughout the month. This project was almost completed by the end of the month. Final inspection and disinfection took place on October 2, and the tank was refilled, water quality testing was performed, and this tank was put back in service on October 7, 2020.
6. Anson Excavating came in at the end of the month to remove sediment from the #3 Backwash Pond. This material will be stockpiled at the water plant for a few weeks to allow further drying, and it will then be taken to the Moffat County Landfill for final disposal. This sediment is normally used as cover material for the more objectionable trash at the landfill.
7. 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 on the Cross Connection Control Program.

Distribution System Operation/Maintenance

1. There were 199 line locates requested and completed this month. This required approximately 149.0 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 23 final meter reads, 28 service turn offs/ons (1 new service, 10 non-payment, 0 seasonal, 7 repair work, and 10 other), and 5 meters/MXUs were repaired or replaced.
4. The staff worked on several miscellaneous projects during the month. These projects included continuing to work on the valve exercise program by working 28 system valves. They also continued to work on the fire hydrant flushing and maintenance program, and a total of 12 fire hydrants were flushed during the month.
5. This month the staff also repaired (4) water main breaks during the month. The staff replaced a leaking service line by boring from the water main to the curb stop valve on Yampa Avenue to avoid closing this road off completely while the service line was replaced. They also started working on replacing the water main on 6th Ave W from (A) to (B) Streets this month.
6. The staff were able to perform their regularly scheduled work on the distribution system, all bulk water sales and pump stations inspections or repairs, and completed 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	63,077,000 gallons	Total Chemical Cost	\$14,255.96
Backwash Total Flow	1,587,900 gallons	Total Chemical Cost/MG	\$ 220.46
Total Flow	64,664,900 gallons	Alum & Ash Cost/Mg	\$ 122.88

(Backwash Flow % of Total = (2.52%))

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

Craig Irrigation Ditch
Fortification Creek Ditch

Deep Cut Ditch
Craig Water Supply System

Monthly Report
Wastewater
September 2020

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 785,000 gallons/day of wastewater.
4. Received and treated 10,250 gallons of hauled waste.

B. Collection – Operation:

1. 149 man hours used to perform 199 line locates.
2. 24 man hours used to hydraulically clean 3,575 feet (0.68 miles) of sewer main as part of routine (every 5 weeks) maintenance.
3. 26.5 man hours used to hydraulically clean 8,277 ft (1.57 miles) of sewer main as part of an annual cleaning program.

c. Collection – Correction

1. 1 man hour used to respond to a backup complaint at 2145 Baker St. Sewage backed up in toilet and bathtub. The main was inspected and found to be flowing well. Determined to be the homeowner's issue.
2. Broken sewer main was repaired behind movie theatre.

D. Other:

1. Assisted other departments, local plumbers, and contractors as needed.
2. Analyzed Maybell's Wastewater Plant monthly samples.
3. Safety meeting attended by all Wastewater personnel.