

**Water Department
February, 2019
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.
3. The North Bulk Water Sales Station was taken out of service early in the month so that staff could completely upgrade the kiosk system with a new PLC, card reader, keypad, and control software. This station was only out of service for a little over a week while this work was being completed.
4. This month both DAF units were taken out of service separately so they could be cleaned and for routine maintenance of the DAF equipment, prior to the spring runoff season.
5. The CCC survey program got underway this month with the staff trying to complete as many of the commercial properties surveys as possible prior to the construction season. The distribution department's work priority changes once we are able to work on in the ground infrastructure repair, maintenance, and replacement programs.
6. The staff continued working on various annual reports and taking training classes during the month.
7. The staff worked with SGM on various water and wastewater projects throughout the month. This work included continuing to assist with the design efforts for the minimum chlorine residual compliance project, and helped with developing the Unidirectional Flushing Program which is to be done later on this spring and summer.
8. Anson Excavating came in near the end of the month and removed the sediment (residual waste) from the #2 backwash pond. This material will be left onsite until it has dried further, and then it will be taken to the Moffat County Landfill for final disposal later this summer.
9. The staff completed the first round of Lead & Copper sampling and analysis this month.
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, and equipment repair.

Distribution System Operation/Maintenance

1. There were 27 line locates requested and completed this month. This required approximately 20.0 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; completed 13 final meter reads, completed 22 service turn offs/ons, and repaired 12 meters/MXU's.
4. The staff continued the valve exercising program this month with 15 valves being exercised.
5. The staff repaired 3 water main breaks during the month. These repairs required approximately 20 hours to complete.
6. The staff was able to perform their regularly scheduled work on the distribution system, bulk water sales stations, and equipment maintenance 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	23,702,000 gallons	Total Chemical Cost	\$ 2,980.57
Backwash Total Flow	782,700 gallons	Total Chemical Cost/MG	\$ 121.73
Total Flow	24,484,700 gallons	Alum & Ash Cost/Mg	\$ 73.31

(Backwash Flow % of Total = (3.20%))

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

February 2019

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 804,000 gallons/day of wastewater.
4. Received and treated 1,600 gallons of hauled waste.

B. Collection – Operation:

1. 4.5 man hours used to perform 9 line locates.
2. 24 man hours used to hydraulically clean 3,575 feet of sewer main as part of routine (every 5 weeks) maintenance.

C. Collection – Correction

1. 2 man hours used to respond to a backup complaint at 739 Barclay St. The main was inspected above and below home, and was found to be flowing well. Determined to be homeowner's issue.

D. Other:

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