

**Water Department  
July, 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 for the endangered fish program. The state issued a "call" on the Yampa River this month due to the severe low flows that were occurring.
3. The staff continued working with SGM throughout the month on a few equipment warranty matters related to the chloramine project. More chemical feed equipment problems occurred during this month requiring additional warranty repair work orders to be issued to the general contractor for this project.
4. The water department staff continued working on and/or preparing for various projects planned for this summer and fall. The projects included the regional solar project, water main replacement project, the Sewer Main Rehab Project, the new Woodbury Park Bathroom project, Water & Wastewater Plants Emergency Generator Project, the Chloramine System Improvement Project, and the North Glen Erie Tank Improvement Project. The water department's work on the Woodbury Park Bathroom Project was completed this month, and most of the other projects will commence in early August except the emergency generator project which is waiting on federal funding requests made by the city, and the water main replacement project which is waiting on materials that have been delayed so we can get this project started. We are hoping that we get enough parts in to complete at least (1) section of water main this year before winter weather arrives. The other (2) sections will probably have to wait to be done until warmer weather in 2022.
5. 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 129 line locates requested and completed this month. This required approximately 97.0 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 34 final meter reads, 13 service turn offs/ons (5 non-payment, 0 seasonal, 3 repair work, and 5 misc.), along with 4 meters/MXUs that were repaired or replaced.
4. During the month the staff repaired (2) water main breaks, relocated (3) curb stops for the Yampa Avenue sidewalk project, and continued the valve exercising program by working 12 valves. The staff also worked on the fire hydrant maintenance, repair, and replacement program this month. This included flushing 12 dead end fire hydrants, and the repair of (3) fire hydrants.
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	101,118,000 gallons	Total Chemical Cost	\$23,062.86
Backwash Total Flow	2,268,100 gallons	Total Chemical Cost/MG	\$ 223.08
Total Flow	103,386,100 gallons	Alum & Ash Cost/Mg	\$ 129.37

(Backwash Flow % of Total = (2.24%))

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

July 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 811,000 gallons/day of wastewater.
4. Received and treated 1,200 gallons of hauled waste.
5. The drying of Biosolids continues.

### **B. Collection – Operation:**

1. 97 man hours used to perform 129 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. 47 man hours used to hydraulically clean 2.72 miles of sewer main as part of an annual cleaning program.
4. 3 man hours used to apply herbicide in 400 feet of sewer main as part of an annual root preventative program.

### **c. Collection – Correction**

1. None.

### **D. Other:**

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