

**Water Department  
June, 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. The river district's weed control contractor came in near the end of the month, and worked through early July on weed control efforts around the entire reservoir and dam area.
3. A representative from the Colorado Department of Agriculture came in this month to recertify the water meter test bench equipment.
4. The staff continued working with SGM throughout the month on a few equipment warranty matters related to the chloramine project.
5. 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.
6. 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 168 line locates requested and completed this month. This required approximately 126.0 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 56 final meter reads, 19 service turn offs/ons (5 non-payment, 0 seasonal, 7 repair work, and 7 misc.), along with 3 meters/MXUs that were repaired or replaced.

4. During the month the staff repaired (3) water main breaks, installed (1) water tap in Woodbury Park for the new bathroom, and continued the valve exercising program by working 15 valves. The staff also installed 160' of 6" PVC water main on North Yampa to replace a section of old ductile iron water main that continually developed leaks because of its poor condition.
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	97,541,000 gallons	Total Chemical Cost	\$26,690.44
Backwash Total Flow	1,985,200 gallons	Total Chemical Cost/MG	\$ 268.18
Total Flow	99,526,200 gallons	Alum & Ash Cost/Mg	\$ 140.82

(Backwash Flow % of Total = (2.04%))

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

June 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 835,000 gallons/day of wastewater.
4. Received and treated 2,875 gallons of hauled waste.

### **B. Collection – Operation:**

1. 126 man hours used to perform 168 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. 101 man hours used to hydraulically clean 4.9 miles of sewer main as part of an annual cleaning program.
4. 27.5 man hours used to apply herbicide in 1.71 miles of sewer main as part of an annual root preventative program.

### **c. Collection – Correction**

1. 1 man hour used to respond to a backup complaint at 1247 Barclay. Home owner reported drains were slow. The main was inspected and found to be flowing well. Operator hydraulically cleaned the main and found no obstructions. 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.