

**Water Department Monthly Report**  
**July, 2023**

**Operations**

1. During monthly operations, the Water Plant remained in compliance with both federal and state water quality and reporting requirements.
2. Distribution systems pressures and flows met the needs of fire suppression and consumer needs.
3. Staff continues to take part in CDL training.
4. The Water Plant was notified that it is 1 of 8 facilities in the State to receive both the CDC Water Fluoridation Quality Award and the Colorado Water Fluoridation Excellence Award for the year 2021.

**Maintenance and Improvements**

1. Water Plant and Distribution staff performed required maintenance tasks throughout the month.
2. Staff performed tasks at Elkhead Reservoir that included release rate changes, routine maintenance, and groundskeeping.
3. Department staff began the process of repainting fire hydrants across the City.
4. Distribution performed 9 service line/curbstop repairs or replacements, with 6 performed in advance of the Yampa Ave. sidewalk project.

**Water Production Statistics**

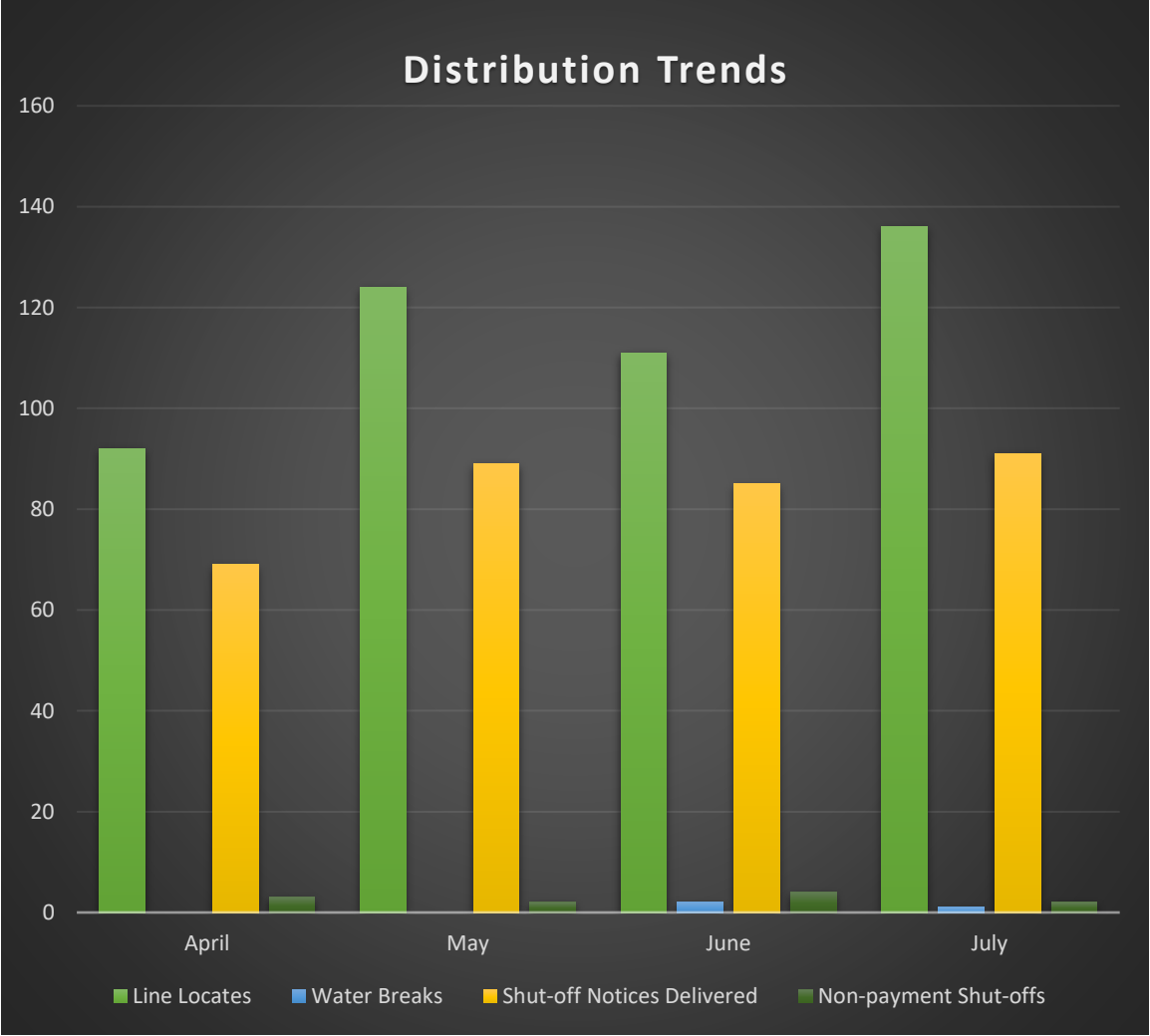
Effluent Total Flow (gallons)	96,305,000
Backwash Total Flow (gallons)	2,029,700
<b>Total Gallons</b>	<b>98,334,700</b>

Total Chemical Cost	\$36,107.64
Total Chemical Cost/MG	\$367.19
ACH and Soda Ash Cost/MG*	\$210.60

Backwash % of Total Flow = 2.110%

\* MG = million gallons

ACTIVITY	July, 2023	YTD
<b>Distribution System Operation</b>		
Line Locates	136 (68 Man Hrs)	495 (247.5 Man Hrs)
Hydrants Flushed	26	45
Valves Worked	52	104
Service Turn On/Offs	14	78
<b>Distribution System Maintenance</b>		
Water Breaks	1 - 1120 Lecuyer Dr	7
Service Line Repairs	9 - 297 Bilsing St, 510 E 8th St, 650, 657, 660, 676, 695, 894, 1635 Yampa Ave	19
Meters Replaced	8 Upgrades / 1 Frozen	25 Upgrades / 29 Frozen
MXUs Replaced	19	36
Hydrant Repairs	2 - 12th St & Barclay, 1710 Yampa Ave	5
Taps	0	4
<b>Other</b>		
Final Reads	28	104
Shut Off Notices Delivered	91 (4.55 Man Hrs)	596 (29.8 Man Hrs)
Non-Payment Shut Offs	4	22





# COLORADO

## Department of Public Health & Environment

Dedicated to protecting and improving the health and environment of the people of Colorado

April 17th, 2023

City of Craig Water Department  
Teena Ray  
300 W. 4th Street  
Craig, CO 81625

Dear Teena,

Congratulations! Your facility is being recognized with the following award(s) (enclosed):

- 2021 CDC Water Fluoridation Quality Award
- 2021 Colorado Water Fluoridation Excellence Award

The Colorado Department of Public Health and Environment Oral Health Unit (CDPHE OHU) is pleased to provide certificates for water facilities in Colorado that have received a Centers for Disease Control and Prevention (CDC) 2021 Water Fluoridation Quality Award. The OHU has also compiled data for the 2021 Colorado Water Fluoridation Excellence Awards. In 2021, 23 water treatment plants received the CDC Quality Award and 22 water treatment plants received the Colorado Excellence Award.

Community water fluoridation provides public health benefits that can be accessed by every member of your community. Community water fluoridation is:

- **Safe:** At optimal levels, there is no scientifically peer-reviewed credible evidence of a link between fluoride and any adverse health effects. Over 100 reputable organizations support community water fluoridation including the American Medical Association, the American Pediatrics Association, the American Water Works Association, and many more.
- **Beneficial:** Fluoridation prevents at least 25 percent of tooth decay in children and adults throughout their lifespan.
- **Cost effective:** Communities that invest \$1 per person per year in optimally fluoridated water save their population approximately \$32 per person per year in averted dental treatment costs. This equates to approximately \$316,832.00 in savings for your community.

The current U.S. Public Health Service recommendation for optimally fluoridated water is 0.7 mg/L. A water treatment plant is considered to be providing optimally fluoridated water when daily levels are maintained between 0.6 mg/L and 0.9 mg/L for 75 percent of the month. Fluoridating systems must also submit monthly reports to the OHU and monthly split samples to the State Laboratory. The Colorado Water Fluoridation Guidelines contain details of how public water systems can meet these operational and administrative guidelines.

*Facilities receiving both the 2021 CDC Quality Award and Colorado Award for Excellence:*

City of Aspen Water Department  
City of Boulder Reservoir 63rd Street Water Treatment Plant  
City of Cañon City Water Department  
Clifton Water District  
City of Craig Water Department  
Denver Water Foothills Treatment Plant  
Denver Water Marston Treatment Plant  
City of Durango Utilities Department

2021

# AWARD FOR EXCELLENCE

For outstanding performance in  
the practice of water fluoridation.

City of Craig Water Department

Presented by the Colorado Department of Public Health and Environment Oral Health Unit



Dr. Maryam Mahmood, Dental Director



Jennifer Lansing, Oral Health Preventionist



**COLORADO**  
Department of Public  
Health & Environment

# Water Fluoridation Quality Award

## CITY OF CRAIG WATER DEPARTMENT Colorado

*The Centers for Disease Control and Prevention (CDC)'s support for community water fluoridation is based on more than 75 years of experience and research to show that water fluoridation is safe and effective for promoting good oral health. CDC commends this water system for providing high-quality water fluoridation for 12 consecutive months in 2021, representing a high level of operator care and accomplishment.*



Casey Hannan, MPH  
Director, Division of Oral Health  
National Center for Chronic Disease  
Prevention and Health Promotion  
Centers for Disease Control and Prevention



Theresa "Tracy" J. Boehmer, P.E.  
National Fluoridation Engineer, Division of Oral Health  
Prevention and Health Promotion  
Centers for Disease Control and Prevention



U.S. Department of  
Health and Human Services  
Centers for Disease  
Control and Prevention



# 2021

## **Monthly Report**

Wastewater

July, 2023

### **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 1,026,000 gallons/day of wastewater.
4. Treated 11,700 gallons hauled waste.
5. Drying of biosolids is in progress.

### **B. Collection – Operation:**

1. 68 man hours used to perform 136 locates.
2. 62 man hours used to hydraulically clean 4.14 miles of sewer main as part of an annual cleaning program.
3. 36 man hours used to hydraulically clean 0.75 miles 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 453 Steele St. Homeowner reported that shower in basement was draining slowly. The main was inspected and found to be flowing well. Operators hydraulically cleaned the main for good measure and encountered no obstructions. Operators video inspected the line the next day and found roots protruding from homeowner's tap. 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.