

Water Department Monthly Report
August, 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 continued CDL training.
4. Distribution staff effected repairs to a complicated water main break adjacent to 1008 Washington Street.

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. Water Treatment Plant personnel continued to paint city fire hydrants.
4. Distribution crew members assisted Wastewater staff in locating and repairing a sewer leak near 1605 N. Yampa Avenue.

Water Production Statistics

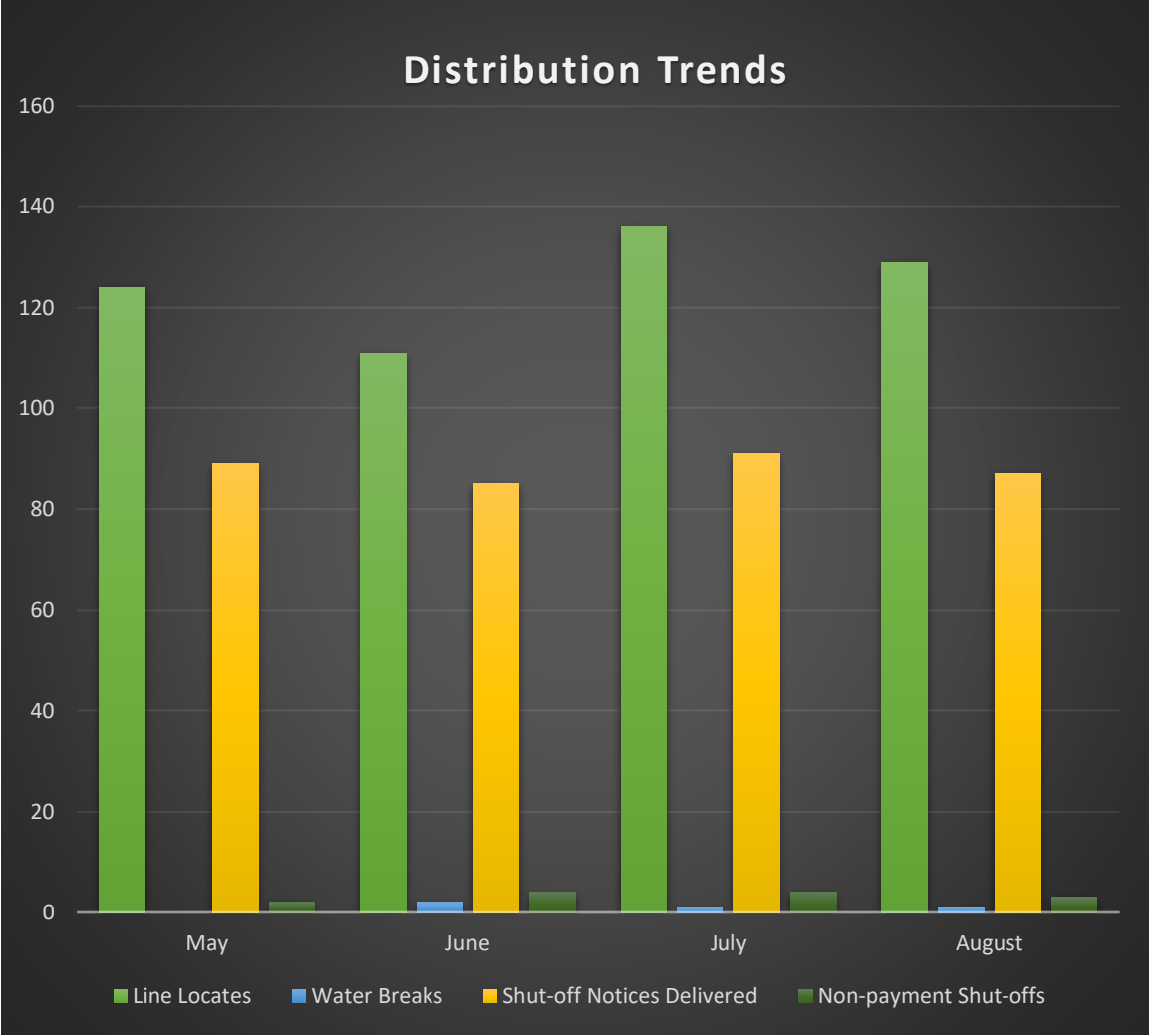
Effluent Total Flow (gallons)	84,338,000
Backwash Total Flow (gallons)	1,964,000
Total Gallons	86,302,900

Total Chemical Cost	\$28,535.20
Total Chemical Cost/MG	\$330.64
ACH and Soda Ash Cost/MG*	\$184.41

Backwash % of Total Flow = 2.330%

* MG = million gallons

ACTIVITY	Aug, 2023	YTD
Distribution System Operation		
Line Locates	129 (64.5 Man Hrs)	624 (312 Man Hrs)
Hydrants Flushed	12	57
Valves Worked	22	126
Service Turn On/Offs	6	84
Distribution System Maintenance		
Water Breaks	1 - 1008 Washington St	8
Service Line Repairs	1 - 782 Marland Ave	20
Meters Replaced	0	25 Upgrades / 29 Frozen
MXUs Replaced	0	36
Hydrant Repairs	2 - 4th & Barclay St, 4th & School St	7
Taps	0	4
Other		
Final Reads	42	146
Shut Off Notices Delivered	87 (4.35 Man Hrs)	683 (34.15 Man Hrs)
Non-Payment Shut Offs	3	25
1605 N Yampa Sewer Repair		



Monthly Report

Wastewater

August, 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 922,000 gallons/day of wastewater.
4. Treated 20,150 gallons hauled waste.
5. Drying of biosolids is in progress.

B. Collection – Operation:

1. 65 man hours used to perform 129 locates.
2. 74.5 man hours used to hydraulically clean 4.53 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. 1 man hour used to respond to a backup complaint at 841 Stout St. The main was inspected and 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.