

**Water Department Monthly Report  
April, 2024**

**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. Lead Service Line Inventory (LSLI) surveys have been prepared and will be sent out to customers as part of the EPA-mandated LSLI.

**Maintenance and Improvements**

1. Water Plant and Distribution staff performed required maintenance tasks throughout the month.
2. Staff performed tasks at Elkhead Reservoir that include routine maintenance as well as controlled release changes to accommodate run-off.
3. Distribution staff made repairs to 2 water main breaks and performed 3 service line repairs. Additionally, they have begun the process of unidirectional fire hydrant flushing. They are also replacing a number of fire hydrants across the city.

**Water Production Statistics**

Effluent Total Flow (gallons)	37,622,000
Backwash Total Flow (gallons)	849,800
<b>Total Gallons</b>	<b>38,471,800</b>

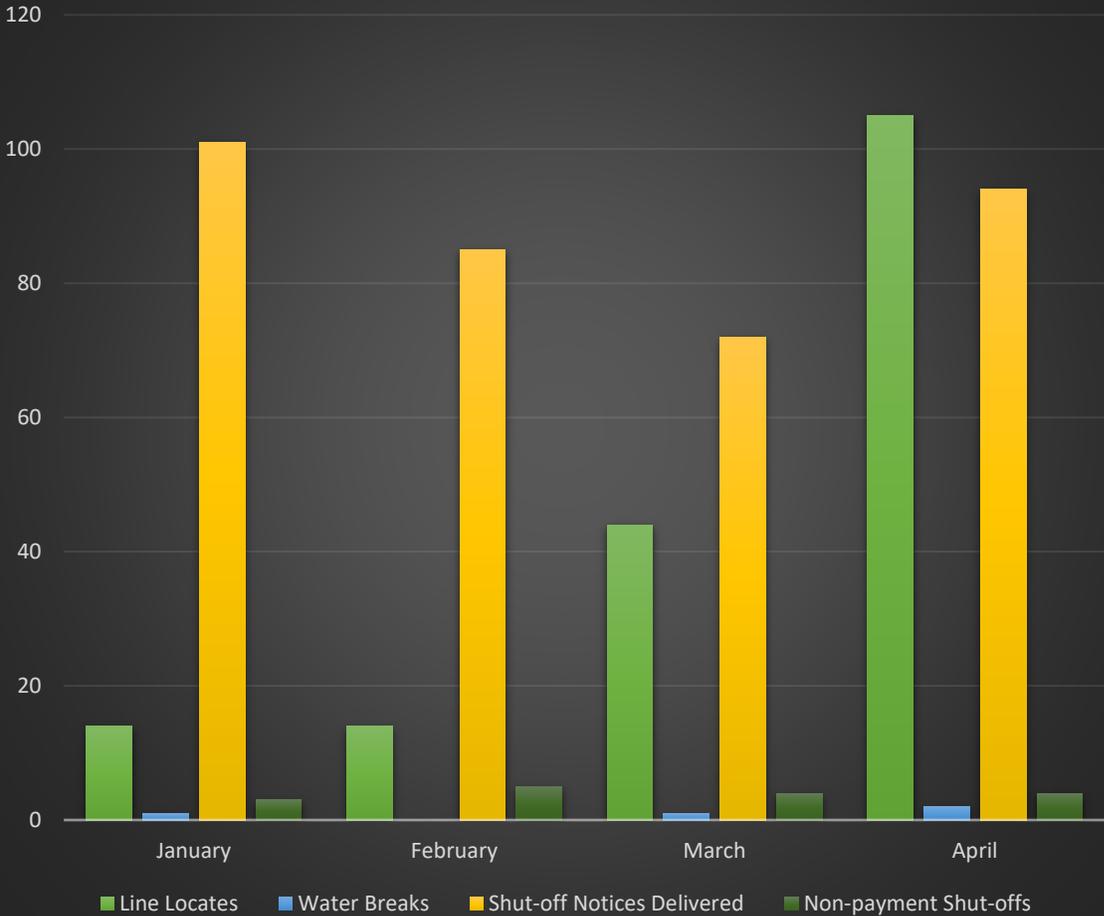
Total Chemical Cost	\$10,946.58
Total Chemical Cost/MG	\$284.54
ACH and Soda Ash Cost/MG*	\$157.32

Backwash % of Total Flow = 2.210%

Average Daily Production = 1,282,400 gallons

<b>ACTIVITY</b>	<b>April, 2024</b>	<b>YTD</b>
<b>Distribution System Operation</b>		
Line Locates	105 (52.5 Man Hrs)	177 (88.5 Man Hrs)
Hydrants Flushed	13	21
Valves Worked	38	50
Service Turn On/Offs	17	42
<b>Distribution System Maintenance</b>		
Water Breaks	2 - 10th & Washington St, 7th & Ashley Rd	4
Service Line Repairs	3 - 884 Lincoln St, 939 School St, 261 Field St	6
Meters Replaced	5 Upgrade / 1 Frozen	19 Upgrades / 7 Frozen
MXUs Replaced	4	16
Hydrant Repairs	2 - 13th & Lincoln St, 4th & Breeze St	2
Taps	0	0
<b>Other</b>		
Final Reads	17	48
Shut Off Notices Delivered	94 (4.7 Man Hrs)	267 (13.35 Man Hrs)
Non-Payment Shut Offs	3	15
Unidirectional Flushing Began		
City Backflow Tests	7	
PRV Installed 12th & Lincoln St		

# Distribution Trends



## Monthly Report

Wastewater

April, 2024

### 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 1,031,000 gallons/day of wastewater.
4. Received and treated 13,500 gallons of hauled waste.

### B. Collection – Operation:

1. 53 man hours used to perform 105 locates.
2. 36 man hours used to hydraulically clean 0.75 miles of sewer main as part of routine (every 5 weeks) maintenance.
3. 5 man hours used to hydraulically clean 0.20 miles of sewer main as part of an annual cleaning 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.
3. Analyzed samples for contractor of Yampa River Corridor Project.