

**Water Department Monthly Report**  
**May, 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. Distribution staff continued to participate in CDL training activities.
4. A new Distribution team member began and is being trained and onboarded.

**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 routine maintenance and District-requested flow changes.
3. Staff assisted other City departments, as well as contractors, consumers, vendors and contractors.
4. Rising Yampa River flows and turbidities are being addressed with changes in chemical treatment by Water Plant team members.

**Water Production Statistics**

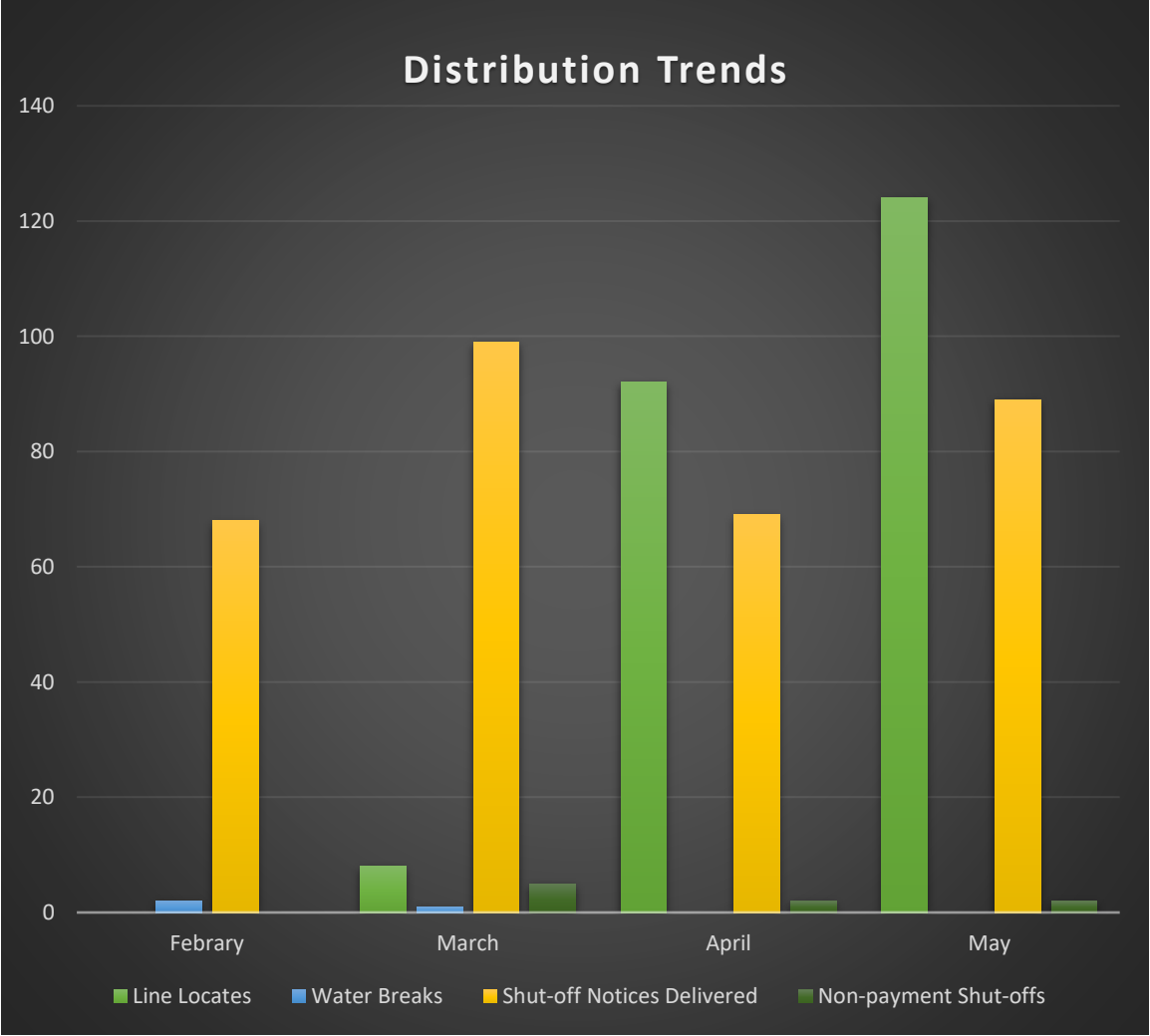
Effluent Total Flow (gallons)	50,075,000
Backwash Total Flow (gallons)	1,685,200
<b>Total Gallons</b>	<b>51,760,200</b>

Total Chemical Cost	\$22,872.78
Total Chemical Cost/MG	\$441.90
ACH and Soda Ash Cost/MG*	\$258.76

Backwash % of Total Flow = 3.370%

\* MG = million gallons

ACTIVITY	May, 2023	YTD
<b>Distribution System Operation</b>		
Line Locates	124 (62 Man Hrs)	248 (124 Man Hrs)
Hydrants Flushed	1	6
Valves Worked	1	32
Service Turn On/Offs	8	50
<b>Distribution System Maintenance</b>		
Water Breaks	0	4
Service Line Repairs	4 - 403 Taylor, 929 Barclay, 615 Legion X2	7
Meters Replaced	4 Upgrades / 4 Frozen	16 Upgrades / 24 Frozen
MXUs Replaced	5	16
Hydrant Repairs	New Install - 4th & Taylor	2
Taps	3 - 1715 Yampa, 970 Green X2	4
<b>Other</b>		
Final Reads	16	59
Shut Off Notices Delivered	89 (4.45 Man Hrs)	420 (21 Man Hrs)
Non-Payment Shut Offs	2	14
Annual Backflow Tests	7	34
Aquired Parts for 8th St Project		



## **Monthly Report**

Wastewater

May, 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 1,224,000 gallons/day of wastewater.
4. Drying of biosolids has begun.

### **B. Collection – Operation:**

1. 93 man hours used to perform 124 locates.
2. 32 man hours used to hydraulically clean 1.80 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. None

### **D. Other:**

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