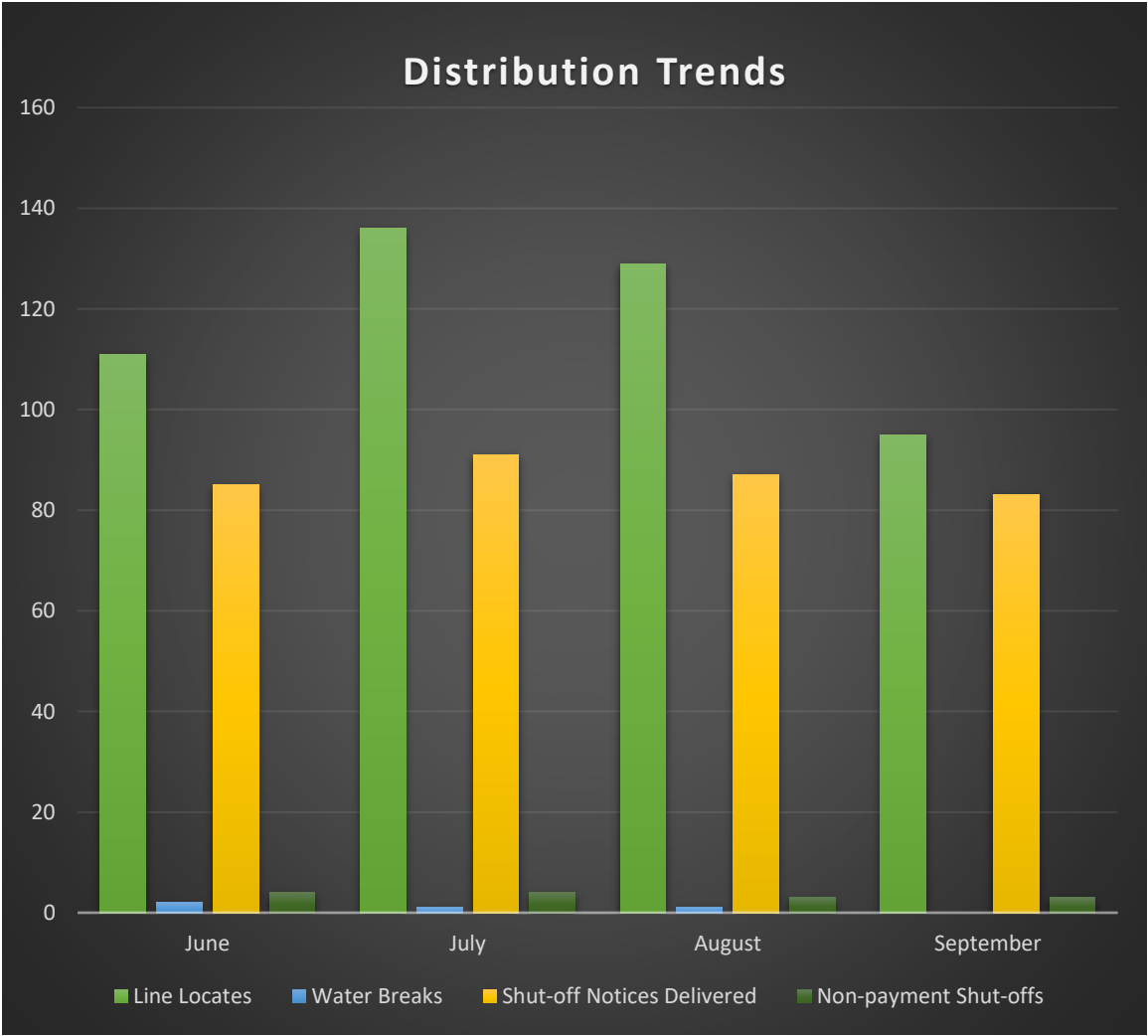


ACTIVITY	Sept, 2023	YTD
Distribution System Operation		
Line Locates	95 (47.5 Man Hrs)	719 (359.5 Man Hrs)
Hydrants Flushed	6	63
Valves Worked	24	150
Service Turn On/Offs	17	101
Distribution System Maintenance		
Water Breaks	0	8
Service Line Repairs	2 - 560 7th Ave W, 700 Exmoor Rd	22
Meters Replaced	4	29 Upgrades / 29 Frozen
MXUs Replaced	4	40
Hydrant Repairs	0	7
Taps	11	15
Other		
Final Reads	8	154
Shut Off Notices Delivered	83 (4.15 Man Hrs)	683 (38.3 Man Hrs)
Non-Payment Shut Offs	5	30
Cleaned Oxidation Ditch		



**Water Department Monthly Report
September, 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. Our Distribution Foreman recertified as a Certified Backflow Technician.

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 staff performed 2 service line repairs and installed 11 new taps, most of which are part of the CHA Project on 8th St.
5. Distribution staff assisted the Wastewater Department with oxidation ditch cleaning.

Water Production Statistics

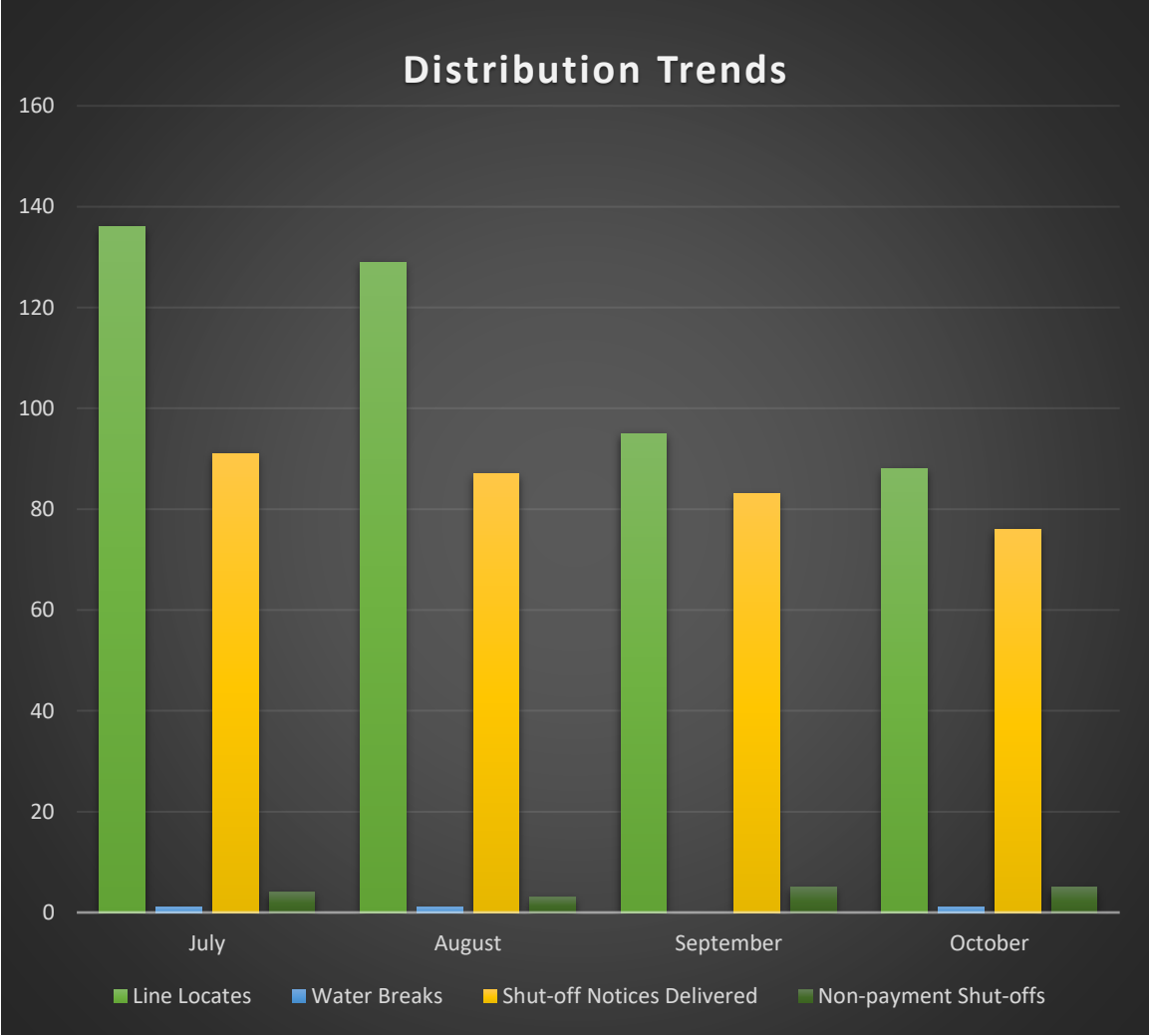
Effluent Total Flow (gallons)	68,615,000
Backwash Total Flow (gallons)	1,661,900
Total Gallons	70,276,900

Total Chemical Cost	\$25,821.34
Total Chemical Cost/MG	\$367.42
ACH and Soda Ash Cost/MG*	\$215.91

Backwash % of Total Flow = 2.420%

* MG = million gallons

ACTIVITY	Oct, 2023	YTD
Distribution System Operation		
Line Locates	88 (44 Man Hrs)	807 (403.5 Man Hrs)
Hydrants Flushed	2	65
Valves Worked	26	176
Service Turn On/Offs	17	118
Distribution System Maintenance		
Water Breaks	1 (595 Ledford St)	9
Service Line Repairs	1 - 1036 School St	23
Meters Replaced	1 Upgrade / 1 Frozen	30 Upgrades / 30 Frozen
MXUs Replaced	0	40
Hydrant Repairs	3	10
Taps	12	27
Other		
Final Reads	20	174
Shut Off Notices Delivered	76 (3.8 Man Hrs)	759 (42.1 Man Hrs)
Non-Payment Shut Offs	3	33
Winterize Pump Stations		
Tank Inspections		
Uncover Paved Over Valves	3	
Meter Pits Removed	1 - 1485 Barclay St	5



**Water Department Monthly Report
October, 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 completed repairs to a confounding water break in the 500 block of Ledford Street made difficult by discovery of "abandoned" service lines. Their presence presented a number of challenges in locating the actual source of the leak, which was traced to such a service line.
4. A significant decrease in chemical costs has been realized due to seasonal changes in Yampa River water quality and resulting chemical changes.

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 Plant staff painted 2 inert hydrants for use in the City dog park as decoration.
4. Distribution staff performed completed 1 service line repair, as well as 3 fire hydrant repairs. In addition, they dug up 3 street valves that had been covered by a paving contractor. Staff also facilitated removal of a problematic meter pit on Barclay Street.
5. Staff performed a total of 12 service line taps, the majority being part of the 8th Street Redevelopment Project.

Water Production Statistics

Effluent Total Flow (gallons)	37,425,000
Backwash Total Flow (gallons)	1,019,200
Total Gallons	38,444,200

Total Chemical Cost	\$9,490.74
Total Chemical Cost/MG	\$246.87
ACH and Soda Ash Cost/MG*	\$126.11

Backwash % of Total Flow = 2.720%

Average Daily Production = 1,240,135



Monthly Report

Wastewater

September, 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 847,000 gallons/day of wastewater.
4. Treated 24,900 gallons hauled waste.
5. Biosolids are dry and ready for land application

B. Collection – Operation:

1. 48 man hours used to perform 95 locates.
2. 10 man hours used to hydraulically clean 0.52 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 standing water in a drain pipe at Clay and 1st St. The main was hydraulically cleaned, the operator encountered an obstruction and it was cleared. No damage to property.

D. Other:

1. Assisted other departments, local plumbers, and contractors as needed.
2. Analyzed Maybell's Wastewater Plant monthly samples.
3. Located manholes for acoustic assessment.

Monthly Report

Wastewater

October, 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 890,000 gallons/day of wastewater.
4. Treated 31,850 gallons hauled waste.
5. Biosolids have been transported to site, and are ready for land application.

B. Collection – Operation:

1. 44 man hours used to perform 88 locates.
2. 3.5 man hours used to hydraulically clean 0.13 miles of sewer main as part of an annual cleaning program.

C. Collection – Correction

1. 1 man hour used to respond to a backup complaint at W. 8th and Finley Ln. Homeowner stated that their drains were slow. 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.