

**Water Department Monthly Report
October, 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. The initial Service Line Inventory has been submitted to CDPHE. 2,631 services have been identified as non-lead, and 1,014 as unknown.
4. Distribution welcomed Cole Musgrave as the newest team member, which gets Distribution to full staffing.

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, groundskeeping maintenance, and worked on a substantial controls upgrade.
3. Distribution staff performed 114 line locates, flushed 20 hydrants, repaired 2 service lines, and tended to 2 water main breaks, among other tasks.

Water Production Statistics

Effluent Total Flow (gallons)	42,839,000
Backwash Total Flow (gallons)	1,224,400
Total Gallons	44,063,400

Total Chemical Cost	\$11,741.95
Total Chemical Cost/MG	\$266.48
ACH and Soda Ash Cost/MG*	\$164.46

Backwash % of Total Flow = 2.860%

Average Daily Production = 1519427.6 gallons

ACTIVITY	Oct, 2024	YTD
Distribution System Operation		
Line Locates	114 (57 Man Hrs)	817 (408.5 Man Hrs)
Hydrants Flushed	20	123
Valves Worked	18	196
Service Turn On/Offs	13	138
Distribution System Maintenance		
Water Breaks	2 - 1st & Ranney, W HWY 40	15
Service Line Repairs	2	13
Meters Replaced	0 Upgrade / 0 Frozen	36 Upgrades / 12 Frozen
MXUs Replaced	0	38
Hydrant Repairs	0	6
Taps	1	7
Other		
Final Reads	15	177
Shut Off Notices Delivered	0	346 (17.3 Man Hrs)
Non-Payment Shut Offs	9	70
Yearly Inventory		
New Hire		