

**Water Department Monthly Report
November, 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. Service Line Inventory identification activities continue for the 2025 reporting period.

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 continued work to complete communication processes and cell connectivity.
3. Distribution staff repaired a water main break on a problematic section along Hwy 40 near Hwy 13.

Water Production Statistics

Effluent Total Flow (gallons)	28,035,000
Backwash Total Flow (gallons)	765,800
Total Gallons	28,800,800

Backwash % of Total Flow = 2.730%

Total Chemical Cost	\$7,353.11
Total Chemical Cost/MG	\$255.31
ACH and Soda Ash Cost/MG*	\$171.91

Average Daily Production = 1,066,696,3 gallons

ACTIVITY	Nov, 2024	YTD
Distribution System Operation		
Line Locates	39 (19.5 Man Hrs)	856 (428 Man Hrs)
Hydrants Flushed	0	123
Valves Worked	2	198
Service Turn On/Offs	24	162
Distribution System Maintenance		
Water Breaks	1 - W HWY 40	16
Service Line Repairs	1	14
Meters Replaced	2 Upgrade / 1 Frozen	38 Upgrades / 13 Frozen
MXUs Replaced	1	39
Hydrant Repairs	0	6
Taps	1	7
Other		
Final Reads	14	191
Shut Off Notices Delivered	0	346 (17.3 Man Hrs)
Non-Payment Shut Offs	6	76

**Water Department Monthly Report
December, 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. Service Line Inventory activities continue for the 2025 reporting timeframe, with plans being made for excavation activities.

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 continued work to complete communication processes and cell connectivity.
3. Distribution staff passed certification exams in Collection and Distribution.

Water Production Statistics

Effluent Total Flow (gallons)	26,944,000
Backwash Total Flow (gallons)	717,900
Total Gallons	27,661,900

Total Chemical Cost	\$4,635.23
Total Chemical Cost/MG	\$167.57
ACH and Soda Ash Cost/MG*	\$104.36

Backwash % of Total Flow = 2.660%

Average Daily Production = 1,202,691 gallons

ACTIVITY	Dec, 2024	YTD
Distribution System Operation		
Line Locates	17 (8.5 Man Hrs)	873 (436.5 Man Hrs)
Hydrants Flushed	2	125
Valves Worked	7	205
Service Turn On/Offs	30	192
Distribution System Maintenance		
Water Breaks	1 - 9th & Ranney	17
Service Line Repairs	1	15
Meters Replaced	0 Upgrade / 2 Frozen	38 Upgrades / 15 Frozen
MXUs Replaced	0	39
Hydrant Repairs	0	6
Taps	0	7
Other		
Final Reads	16	207
Shut Off Notices Delivered	0	346 (17.3 Man Hrs)
Non-Payment Shut Offs	9	85
City Backflow Tests	27	62
4th Qtr Tank Inspections		
Non-Compliant Backflow Shut-Offs	5	5
Distribution 2 Passed - Matt		

Monthly Report

Wastewater

November, 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 892,000 gallons/day of wastewater.
4. Received and treated 8,200 gallons of hauled waste.

B. Collection – Operation:

1. 20 man hours used to perform 39 locates.

C. Collection – Correction

None

D. Other:

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

Monthly Report

Wastewater

December, 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 898,000 gallons/day of wastewater.
4. Received and treated 7,750 gallons of hauled waste.

B. Collection – Operation:

1. 9 man hours used to perform 17 locates.
2. 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. 1.5 man hours used to respond to a backup complaint at 995 Colorado St. Operator inspected the main and found it to be flowing well. Operator hydraulically cleaned the main for good measure but did not encounter an obstruction. The main was video inspected and nothing was seen in the main. 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.