

Water Department Monthly Report
March, 2025

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 passed an "A" Water Treatment certification exam.
4. There was a sharp increase of non-payment shutoffs (13), up from 2 in January and 5 in February.
5. Water Treatment and Distribution staff have begun a cross training program to increase skills, knowledge and abilities.

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 for spring runoff, and continued wrap up controls upgrades.
3. Distribution staff repaired a water main break near the intersection of Moffat Drive and Crockett Drive.

Water Production Statistics

Effluent Total Flow (gallons)	28,344,000
Backwash Total Flow (gallons)	757,700
Total Gallons	29,101,700

Total Chemical Cost	\$7,653.41
Total Chemical Cost/MG	\$262.99
ACH and Soda Ash Cost/MG*	\$156.75

Backwash % of Total Flow = 2.600%

Average daily production = 1,119,296 gallons

ACTIVITY	March, 2025	YTD
Distribution System Operation		
Line Locates	66 (33 Man Hrs)	112 (56 Man Hrs)
Hydrants Flushed	11	15
Valves Worked	3	13
Service Turn On/Offs	28	75
Distribution System Maintenance		
Water Breaks	0	4
Service Line Repairs	3	3
Meters Replaced	8 Upgrade / 3 Frozen	14 Upgrades / 24 Frozen
MXUs Replaced	5	12
Hydrant Repairs	1 Replaced / 0 Repaired	2
Meter Pits Removed	2	2
Taps	0	0
Other		
Final Reads	17	33
Non-Payment Shut Offs	13	20
Quarterly Tank Inspections		
Curbstop Letters Sent	3	3
Meter Pit Letters Sent	7	7
Class A Water Treatment Test		
HDPE/Fusion Training		
Cross Training		

Monthly Report

Wastewater

March, 2025

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 989,000 gallons/day of wastewater.
4. Received and treated 500 gallons of hauled waste.

B. Collection – Operation:

1. 33 man hours used to perform 66 locates.
2. 36 man hours used to hydraulically clean 0.75 miles of sewer main as part of routine (every 5 weeks) maintenance.
3. 31.5 man hours used to hydraulically clean 2.3 miles of sewer main as part of an annual cleaning program.
4. 25 man hours used to apply herbicide to tree roots in sewer main as part of an annual tree root maintenance program.

c. Collection – Correction

1. 3 man hours used to respond to a backup complaint at 404 Taylor St. Owner said water was backing up into basement. Operators inspected the main and found it to not be flowing well. Operators then hydraulically cleaned the main and encountered an obstruction 25 feet from the manhole. Once the obstruction was cleared, flow returned to normal. Business owner was referred to the City Clerk for insurance purposes.

D. Other:

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

Wastewater Hydraulic Cleaning March 2025

Line ID	Date Cleaned	Work Done	Comments	Date of Video	Footage Cleaned	Operator
B115-B116	3/3/2025	Jetted			600	AR/TS
B50-B51	3/3/2025	Jetted	1 mh		600	AR/TS
B114-B115	3/3/2025	Jetted	1 mh		600	AR/TS
B34A-B34	3/4/2025	Jetted	1HR		75	AR/JS
B34A-SOUTH	3/4/2025	Jetted	1 man hrs		50	JS/AR
B49- END	3/4/2025	Jetted	1HR		100	AR/JS
B50A-B50	3/4/2025	Jetted	1HR		150	AR/JS
B49-B50A	3/4/2025	Jetted	1HR		600	AR/JS
N90-N102	3/5/2025	Jetted	1HR		225	AR/TS
N8-N150	3/5/2025	Jetted	1hr jet and vac sand/rocks		350	AR/TS
N150-N152	3/5/2025	Jetted	1hr		500	AR/TS
N150-N157	3/5/2025	Jetted	1hr		305	AR/TS
B16-B17	3/10/2025	Jetted	Blockage at 25ft (3 mh)	3/11/2025	400	TS/ar/mh
N19-n85	3/11/2025	Jetted	1HR Light roots		500	AR/TS
N19A-N19	3/11/2025	Jetted	.5hr		12	AR/TS
N159-N19A	3/11/2025	Jetted	1HR		350	AR/TS
N158-N159	3/11/2025	Jetted	Clear 1HR		250	AR/TS
N166-N173	3/11/2025	Jetted	1HR		400	AR/TS
N173-N174	3/11/2025	Jetted	.5hr		150	AR/TS
N128-N138	3/12/2025	Jetted	.5hr		202	AR/TS
N138- END	3/12/2025	Jetted	.5 hr. Jet from N120		420	AR/TS
N65-N66	3/12/2025	Jetted	.5hr		266.8	AR/TS
N66-N67	3/12/2025	Jetted	.5hr jet through from N65			AR/TS
P58-P59	3/12/2025	Jetted	.5hr		280	AR/TS
P60-P59	3/13/2025		.5hr. Jet backwards 60feet to root ball		60	AR/TS
P27-P28	3/13/2025		1HR		360	AR/TS
P26-P27	3/13/2025	Jetted	.5hr		310	AR/TS
P50-p52	3/13/2025		.5hr pulled root ball out		151	AR/TS
P52-P53	3/13/2025	Jetted	.5hr		200	AR/TS
P47-P49	3/13/2025	Jetted	.5hr		302	AR/TS
P47-P48	3/13/2025	Jetted	.5hr		188	AR/TS
P24-p25	3/13/2025	Jetted	.5hr		300	AR/TS
P74-P77	3/20/2025	Jetted	Roots cleared .5hr		164	TS/AR
P74-P75	3/20/2025	Jetted	.5hr		200	AR/TS
P73-P74	3/20/2025	Jetted	.5hr		100	AR/TS
P83-P84	3/20/2025	Jetted	.5hr light roots		235	AR/TS
B67-B68	3/20/2025	Jetted	.5hr lightsand		650	AR/TS
B66-B67	3/25/2025	Jetted	1HR light sand		635	AR/TS
B65-B65	3/25/2025	Jetted	1HR jet and vac sand		650	AR/TS
P60-P59	3/26/2025	Jetted	1 man hrs, root ball @60ft. Cleaned to MH P59		175	JS/MH

Total Hours 31.5

**Total Feet
Total Miles**

**12066
2.3**

Wastewater Root Treatment March 2025

LineID	Work Done	Chemical Used?	Comments	Date Cleaned	Operator
B60-B58	Root Treated	Vapo	Man hours 2	3/3/2025	JS/MH
B59-B58	Root Treated	Vapo	Man hours 2	3/3/2025	JS/MH
B50A-B49	Root Treated	Vapo	Man hrs 2	3/5/2025	JS/MH
B50-B50A	Root Treated	Vapo	Shot through B50A to B49, man hrs 2	3/5/2025	JS/MH
B51-B50	Root Treated	Vapo	Man hrs 2	3/5/2025	JS/MH
N186-N184	Root Treated	Vapo	Man hrs 2, shot from N187 to N184	3/5/2025	JS/MH
N187-N186	Root Treated	Vapo	Man hrs 2, shot through N186 to N184	3/5/2025	JS/MH
B122-B121	Root Treated	Vapo	Man hrs 2	3/5/2025	JS/MH
N14-N13	Root Treated	Vapo	2 hrs	3/17/2025	JS/MH
N15-N14	Root Treated	Vapo	2 hours	3/17/2025	JS/MH
N9-N119	Root Treated	Vapo	1hr	3/17/2025	JS/MH
B115-B114	Root Treated	Vapo	1 man hrs	3/25/2025	JS/MH
B116-B115	Root Treated	Vapo	1 man hrs	3/25/2025	JS/MH
B34A-B28	Root Treated	Vapo	1 man hrs	3/25/2025	JS/MH
P53-P50	Root Treated	Vapo	1 man hrs, shot through P52	3/26/2025	JS/MH
P53-P50	Root Treated	Vapo	1 man hrs, shot through P52	3/26/2025	JS/MH

Total Hours 25