

**Water Department
2025 4th Quarter Report**

Operations

1. 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. Staff members continue studying and preparing for certification exams.

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.
3. Distribution staff repaired 5 water main breaks in the quarter, with 4 of them in December alone.
3. Both Water Plant and Distribution staff performed the Lead Service Line Inventory, which is now complete.
5. The Water Plant MCC and generator projects are near completion.
6. Service to 6 locations was turned off for backflow testing non-compliance. All have since been tested and water service restored.

Water Production Statistics

Effluent Total Flow (gallons)	86,416,100	Total Chemical Cost	\$18,558.68
Backwash Total Flow (gallons)	2,573,700	Total Chemical Cost/MG	\$208.55
Total Gallons	88,989,800	ACH and Soda Ash Cost/MG*	\$168.86
Backwash % of Total Flow =	2.980%	Average daily production =	1,104,843 gallons

ACTIVITY	4th Quarter 2025	YTD
Distribution System Operation		
Line Locates	219 (109.5 Man Hours)	1182 (591 Man hours)
Hydrants Flushed	9	81
Valves Worked	32	195
Service Turn On/Offs	64	264
Distribution System Maintenance		
Water Breaks	5	19
Service Line Repairs	4	21
Meters Replaced	15 Upgrade/0 Frozen	50 Upgrades/33 Frozen
MXUs Replaced	21	60
Hydrant Repairs	2 Replaced/1 Repaired	5 Replaced/5 Repaired
Meter Pits Removed	1	5
Taps	0	3
Other		
Final Reads	49	196
Non-Payment Shut Offs	29	104
Curbstop Letters Sent	4	10
Meter Pit Letters Sent	0	7

Monthly Report
Wastewater
4th Quarter, 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 844,000 gallons/day of wastewater over the quarter.
4. Received and treated 18,650 gallons of hauled waste.
5. Biosolids were land applied.

B. Collection – Operation:

1. 110 man hours used to perform 219 locates.
2. 45.75 man hours used to hydraulically clean 2.20 miles of sewer main as part of an annual cleaning program, which includes known trouble spots maintenance performed every 5 weeks.

c. Collection – Correction

1. 2 man hours used to respond to a request from a local plumber to retrieve their snake tool from our main that had come from a homeowner's service line and got stuck. With a little help from hydraulically cleaning the line, the snake tool was retrieved.
2. 1 man hour used to respond to a complaint of an open clean out in a business's parking lot. It was recommended to the business owner to replace the broken clean out cap.
3. 1 man hour used to respond to a backup complaint at 1060 Lincoln St. Homeowner reported slow drains. Operator inspected the main and found it to be flowing well. Operator then hydraulically cleaned the main for good measure and encountered no obstructions. Determined to be homeowner's issue.
4. 1 man hour used to respond to a backup 655 Connor Dr. Homeowner reported water coming up in drains while using washing machine. Operator inspected the main and found it to be flowing well. Operator hydraulically cleaned the main for good measure and encountered no obstructions. Determined to be the homeowner's issue.

D. Other:

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

Q4 2025 Hydraulic Cleaning

Line ID	Date Cleaned	Work Done	Comments	Date of Video	Footage Cleaned	Operator
N53C-N53E	10/01/2025 20:24:08.071	Jetted	.5hr		160	AR/TS
N84.5-N84.6	10/01/2025 20:51:28.649	Jetted	Jet through N84.6		100	AR/TS
N84.6-N84.7	10/01/2025 20:52:57.024	Jetted	.5hr		196	AR/TS
N85-N84.5	10/07/2025 19:46:19.480	Jetted	.5hr		303	AR/TS
N85-n85.5	10/07/2025 19:47:13.849	Jetted	.5HRS		100	AR-TS
N147-N148	10/14/2025 20:24:09.381	Jetted	.25 man hrs		60	TS/MH
N145-N146	10/14/2025 20:38:00.909	Jetted	.5 man hrs		160	TS/MH
B114-B118	10/14/2025 20:55:40.802	Jetted	.5 man hrs		170	TS/MH
B29-EAST	10/16/2025 16:23:40.141	Jetted	.5 man hrs		100	MH/TS/JB
B29-B35	10/16/2025 16:24:30.098	Jetted	.5 man hrs		360	MH/TS/JB
B28-B29	10/16/2025 16:27:26.777	Jetted	.5 man hrs		330	MH!TS!JB
B28-NORTH	10/16/2025 16:28:32.273	Jetted	1 man hrs		490	MH!TS!JB
B27-B28	10/16/2025 16:29:13.856	Jetted	.5 man hrs		330	MH!TS!JB
P60-P61	10/28/2025 20:39:36.048	Jetted	1HR		400	AR/MH
R24-R26	10/30/2025 16:53:52.917	Jetted	.5hr		150	AR
R23-R24	10/30/2025 17:06:47.391	Jetted	.5hr		180	AR
Sm292	11/14/2025 18:35:27.553	Jetted & TV	Rooty Tooty (every tap and most joints)	11/14/2025 18:36:03.423	325	Js/ts
SM500	11/17/2025 20:03:35.247	Jetted & TV	Cleared roots, discovered taps	11/17/2025 20:04:04.186	500	JS/TS/AR/JB/MH
N61-n63	11/17/2025 21:35:28.850	Jetted	.5hr		400	AR/TS
N63-N64	11/17/2025 21:36:26.083	Jetted	.5hr		400	AR/TS
Sm806	11/18/2025 17:18:40.087	Jetted			160	Js/ts/ar
Sm1181	11/19/2025 16:15:38.734	Jetted			350	JB
Sm1182	11/19/2025 16:18:33.817	Jetted			330	Js/jb
Sm1183	11/19/2025 16:21:24.523	Jetted & TV		11/19/2025 16:21:35.757	300	Js/jb/ar
G42-g43	11/21/2025 17:23:03.951	Jetted	Sandy		269	Js/jb
G40-g42	11/21/2025 17:24:43.898		Map incorrect- no g41		200	Js/jb
Sm1040	11/21/2025 17:27:01.652	Jetted	Map incorrect-no g41		200	Js/jb
Sm1006	12/29/2025 22:36:13.597	Jetted	Grease from Remington apts (backup)		215	Js/jb
Sm1665	12/29/2025 22:37:44.216		Grease		100	Js/jb
Sm1664	12/29/2025 22:38:44.923	Jetted	Grease		300	Js/jb
			Hours		9.75	
				Total Footage	7638	
				Total Miles	1.45	