

Water Department Monthly Report

February, 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. Staff took part in certification exams.
4. Distribution staff continued to participate in CDL training activities.
5. Distribution and Water Treatment staff hosted Kennedy fire hydrant training.

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 snow removal, routine maintenance and any River District-requested rate changes.
3. Staff assisted other City departments, as well as contractors, consumers, vendors and contractors.

Water Production Statistics

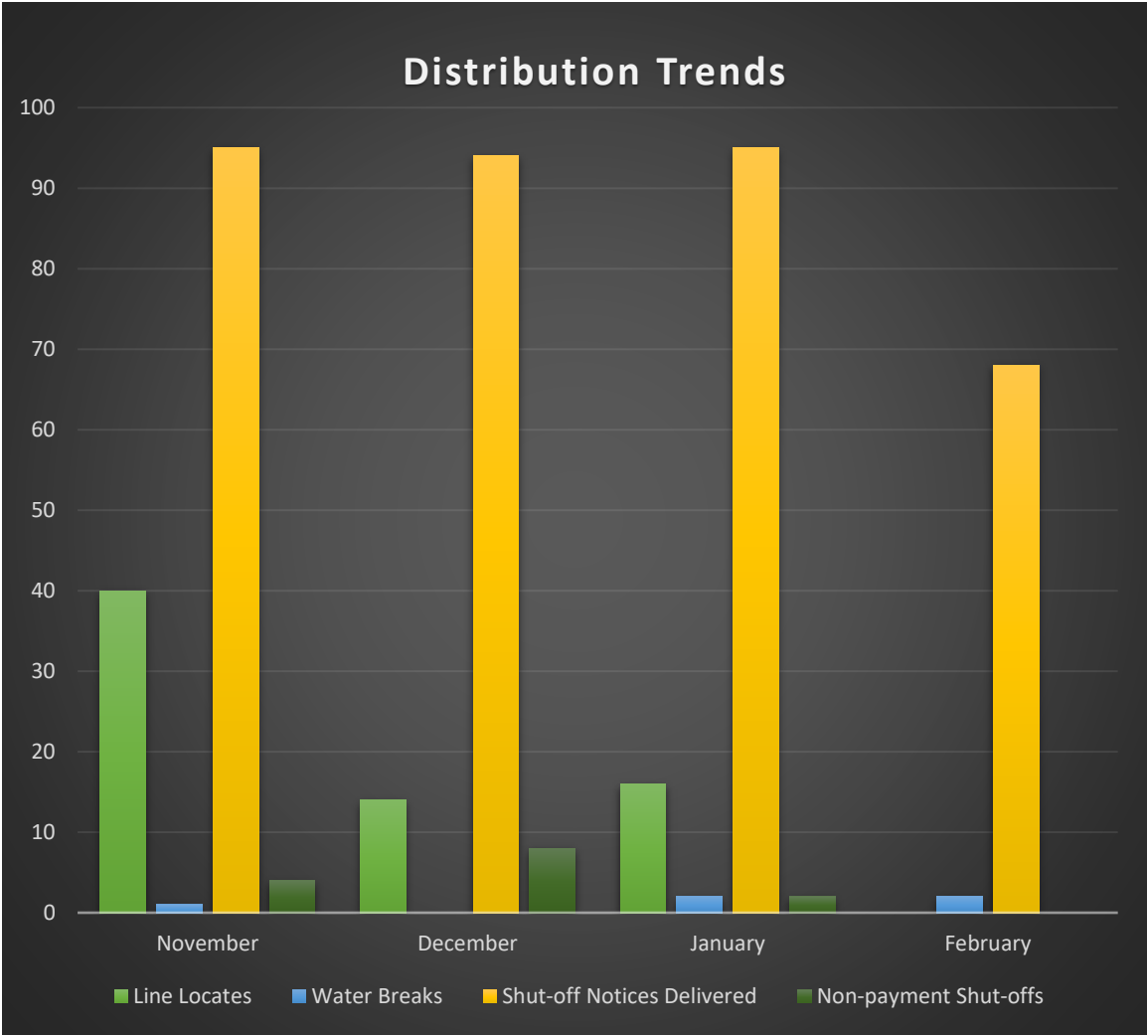
Effluent Total Flow (gallons)	30,554,000
Backwash Total Flow (gallons)	867,300
Total Gallons	31,421,300

Total Chemical Cost	\$9,483.97
Total Chemical Cost/MG	\$301.84
ACH and Soda Ash Cost/MG*	\$161.67

Backwash % of Total Flow = 2.760%

* MG = million gallons

ACTIVITY	Febuary, 2023	YTD
Distribution System Operation		
Line Locates	8	24
Hydrants Flushed	2	2
Valves Worked	9	22
Service Turn On/Offs	5	17
Water Quality/Pump Station Checks	14	28
Distribution System Maintenance		
Water Breaks	1 - Bonderud Ave	3
Service Line Repairs	1 - Mariana Way (Saddle)	1
Meters Replaced	9 Frozen	6 Upgrades / 11 Frozen
MXUs Replaced	2	3
Hydrant Repairs	0	0
Other		
Final Reads	8	18
Shut Off Notices Delivered	68	163
Non-Payment Shut Offs	2	4
Kennedy Fire Hydrant Training		
13th & Barclay St PRV Repair		



**Water Department Monthly Report
March, 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. Staff took part in State certification exams and Cross Connection Control Specialist recertification.
4. Distribution staff continued to participate in CDL training 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 snow removal, routine maintenance and any River District-requested rate changes.
3. The Elkhead Reservoir tower was filled and releases were increased to address increasing inflow, as well as a way to preserve the fish screen.
3. Staff assisted other City departments, as well as contractors, consumers, vendors and contractors.

Water Production Statistics

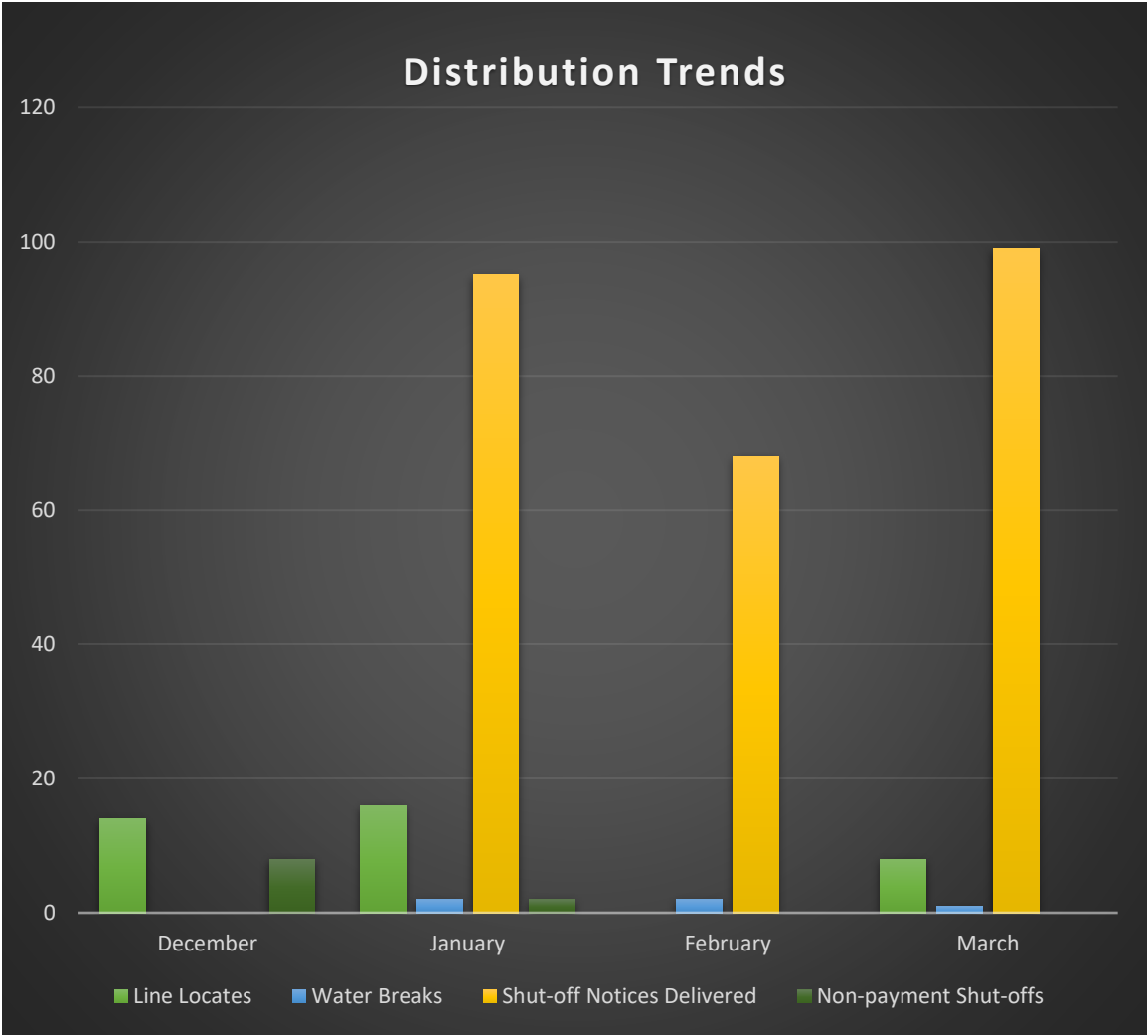
Effluent Total Flow (gallons)	32,445,000
Backwash Total Flow (gallons)	844,800
Total Gallons	33,289,800

Total Chemical Cost	\$8,757.06
Total Chemical Cost/MG	\$263.05
ACH and Soda Ash Cost/MG*	\$161.58

Backwash % of Total Flow = 2.540%

* MG = million gallons

ACTIVITY	March, 2023	YTD
Distribution System Operation		
Line Locates	8	32
Hydrants Flushed	0	2
Valves Worked	2	24
Service Turn On/Offs	9	26
Water Quality/Pump Station Checks	14	42
Distribution System Maintenance		
Water Breaks	1 - W 7th St	4
Service Line Repairs	0	1
Meters Replaced	5 Upgrades / 2 Frozen	11 Upgrades / 13 Frozen
MXUs Replaced	3	6
Hydrant Repairs	0	0
Taps	1 - W 7th St (Re-tapped)	1
Other		
Final Reads	14	32
Shut Off Notices Delivered	99 (4.95 Man Hrs)	262 (13.1 Man Hrs)
Non-Payment Shut Offs	5	9
Test Holes - 8th & Russell		
Assisted with Jetting		
Tank Inspections		
SGM Engineering Locates		



Monthly Report

Wastewater

February, 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 963,000 gallons/day of wastewater.
4. Received and treated 1,500 gallons of hauled waste.

B. Collection – Operation:

1. 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 a backup complaint at 405 E. 4th St. The main was inspected and found to be flowing well. Operator hydraulically cleaned the line for good measure, but encountered no obstruction. It was 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.

Monthly Report

Wastewater

March, 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 1,184,000 gallons/day of wastewater.
4. Received and treated 1,000 gallons of hauled waste.

B. Collection – Operation:

1. 6.5 man hours used to perform 13 locates.
2. 26 man hours used to hydraulically clean 1.33 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 a backup complaint at 1247 Barclay. The main was inspected and found to be flowing well. Operator hydraulically cleaned the main for good measure and encountered no obstructions. Determined to be homeowner's issue.
2. 1 man hour used to respond to a backup complaint at 795 Colorado. The main was inspected and found to be flowing well. Operators hydraulically cleaned the main for good measure and encountered no obstructions. Determined to be homeowner's issue.
3. 2 man hours used to respond to a backup complaint at 1413 Yampa Ave. The main was inspected and found to not be flowing well and observed a buildup of rags and toilet paper. The main was hydraulically cleaned and flow returned to normal. The homeowner was referred to the City Clerk for insurance purposes.
4. 1 man hour used to respond to backup complaint at 648 Colorado. The main was inspected and found to be flowing well. Operator hydraulically cleaned the main for good measure and encountered no obstructions. Determined to be homeowner's issue.
5. 1 man hour used to respond to a backup complaint at 724 Barclay. The main was inspected and found to not be flowing well. Operator hydraulically cleaned the main and found a small obstruction and returned flow to normal. Homeowner was referred to City Clerk for insurance purposes.
6. 1 man hour used to respond to a backup complaint at 770 Barclay. The main was inspected and found to be flowing well, but operator believed that the backup earlier in the day at 724 Barclay could have been the cause for this backup. No water or sewage was present at the time of operator inspecting home. Homeowner referred to 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.