

Water Department Monthly Report
June, 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. Distribution staff repaired 2 difficult water main breaks, 3 service line repairs, and 2 meter pit removals, among other numerous tasks.
4. Unidirectional flushing of the distribution system continued, with also resulted in valve exercising.

Maintenance and Improvements

1. Water Plant and Distribution staff took part in monthly maintenance tasks and groundskeeping.
2. Staff performed tasks at Elkhead Reservoir that included routine maintenance and District-requested flow changes.
3. Staff assisted other City departments, as well as contractors, consumers, vendors and contractors.
4. Water Plant staff took part in state certification testing.

Water Production Statistics

Effluent Total Flow (gallons)	68,731,000
Backwash Total Flow (gallons)	1,481,100
Total Gallons	70,212,100

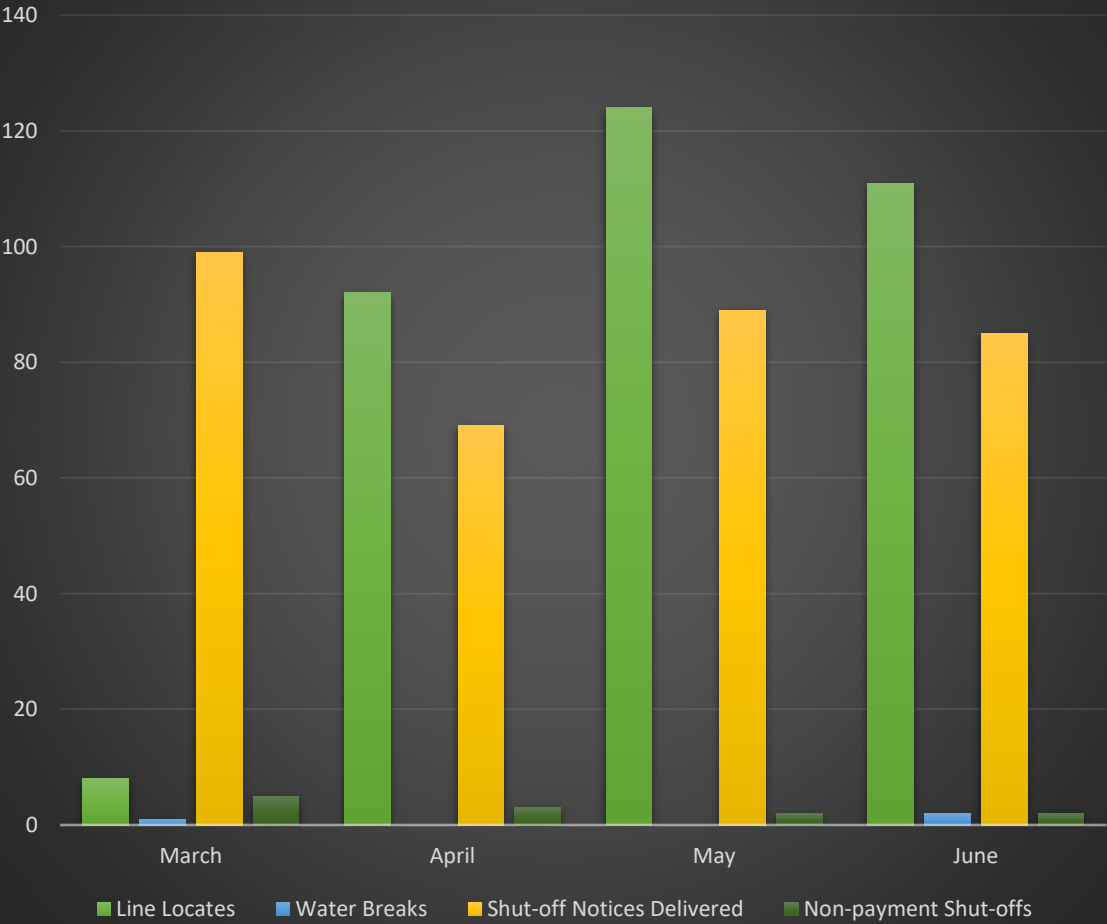
Total Chemical Cost	\$29,203.01
Total Chemical Cost/MG	\$415.93
ACH and Soda Ash Cost/MG*	\$258.19

Backwash % of Total Flow = 2.150%

* MG = million gallons

ACTIVITY	June, 2023	YTD
Distribution System Operation		
Line Locates	111 (55.5 Man Hrs)	359 (179.5 Man Hrs)
Hydrants Flushed	13	19
Valves Worked	20	52
Service Turn On/Offs	14	64
Distribution System Maintenance		
Water Breaks	2 - 905 Cooper St, 695 Conner Dr	6
Service Line Repairs	3 - 3748 Westridge Ct, 975 Finley Ln, 2035 B St	10
Meters Replaced	1 Upgrades / 4 Frozen	17 Upgrades / 28 Frozen
MXUs Replaced	1	17
Hydrant Repairs	1 - 8th Ave West & B St	3
Taps	0	4
Other		
Final Reads	17	76
Shut Off Notices Delivered	85 (4.25 Man Hrs)	505 (25.25 Man Hrs)
Non-Payment Shut Offs	4	18
Meter Pits Removed	2 - 625 Hockett Cir, 2361 Jeffcoat Dr	
North Water Sales SS Swivel Installl		
2nd Quarter Tank Inspections		

Distribution Trends



Monthly Report

Wastewater

June, 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 1,120,000 gallons/day of wastewater.
4. Treated 18,400 gallons hauled waste.
5. Drying of biosolids is in progress.

B. Collection – Operation:

1. 55.5 man hours used to perform 111 locates.
2. 48 man hours used to hydraulically clean 3.40 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 1015 Vandorn Dr. The main was inspected and found to be flowing well. Operators hydraulically cleaned the main and encountered no obstructions. Determined to be homeowner's issue.
2. 1 man hour used to respond to sewer leaking in street at 1017 Vandorn Dr. Main was inspected and found to be flowing well. Operators hydraulically cleaned the main and encountered no obstructions. Further inspection determined that leaking water was stagnant sprinkler water, and the homeowner's issue.

D. Other:

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