

## WATER MAIN BREAK/ JOINT LEAK REPORT - January 2023

### YEARLY WATER MAIN BREAK COMPARISON

<u>MONTH 22</u>	<u>MONTH 23</u>	<u>YTD 22</u>	<u>YTD 23</u>
23	9	23	9

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**	TOTAL DOLLAR VALUE FOR BREAK* <small>(Water Costs + Repair Costs)</small>
2307 S. Walden Av.	1/4/2023	309269	CIP	6"	1960	1/8" Crack	4 Hours	77,359	\$470.34	\$9,470.34
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the resident's call and the amount of water.										
E. Cass St./S. Walter Av.	1/6/2023	309269	DIP	6"	1982	1/64" Crack	73 Days	2,994,867	\$18,208.79	\$27,208.79
NOTES: The break was found when a noise was heard while testing hydrants. The duration was calculated by the last time the hydrant was tested and the soil saturation.										
921 S. Arlington St.	1/9/2023	309269	CIP	6"	1970	1/16" Crack	77 Days	71,647	\$435.61	\$9,435.61
NOTES: The break was found due to hydrant testing. The duration was calculated by the soil saturation and the last time the hydrant was tested.										
1717 E. Calumet St.	1/12/2023	309269	CIP	12"	1965	1/16" Crack, 6" Split	12 Days	2,428,692	\$14,766.45	\$23,766.45
NOTES: The break was found due to noise on a hydrant while correlating. The duration was calculated by the soil saturation.										
1715 N. Division St.	1/13/2023	309269	CIP	6"	1955	1/16" Crack	13 Days	3,999,657	\$24,317.91	\$33,317.91
NOTES: The break was found when testing hydrants. The duration was calculated by the soild saturation.										

\*\*Water Loss is calculated at the residential rate of \$6.08 per 1000 gallons.

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E. Fremont St.	1/15/2023	309269	DIP	12"	1973	4" Hole	4 Hours	710,183	\$4,317.91	\$13,317.91
NOTES: The break was found due to a call in by APD. The duration was calculated by the time of call and the amount of water shooting into the air.										
1633 N. Ullman St.	1/18/2023	309269	CIP	6"	1948	1/16" Crack	18 Days	3,684,088	\$22,399.26	\$31,399.26
NOTES: The break was found while listening to hydrants as it never surfaced. The duration was calculated by the soil saturation and the last time the hydrant was tested.										
E. Glendale Av. & N. Meade St.	1/22/2023	309269	CIP	8"	1952	1/32" Crack	6 Hours	45,584	\$277.15	\$9,277.15
NOTES: The break was found due to a call in from a resident and the APD. The duration was calculated by the time of the call and the amount of water flowing down the road.										
1063 S. Jefferson St.	1/26/2023	309269	CIP	8"	1935	1/6" Hole & Leaking Clamp	25 Days	23,742	\$144.35	\$9,144.35
NOTES: The break was found when correlating. The duration was calculated by the soil saturation.										
									<b>Total Cost =</b>	<b>\$166,337.78</b>

\*In addition to the dollar value of water revenue lost, there is an average cost of \$9,000 to repair each water main break (including final restoration) and an average cost of \$630 to produce the lost water for each main break.

\*\*Water Loss is calculated at the residential rate of \$6.08 per 1000 gallons.