

WATER MAIN BREAK/ JOINT LEAK REPORT - MARCH 2023

YEARLY WATER MAIN BREAK COMPARISON

<u>MONTH 22</u>	<u>MONTH 23</u>	<u>YTD 22</u>	<u>YTD 23</u>
15	1	60	21

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>
N. Racine St. & E. Park Ridge Av.	3/15/2023	309269	DIP	8"	1974	4" Split, 1/64" Wide	74 Days	1,176,210	\$7,151.36	\$16,151.36

NOTES: The break was found while correlating. The duration was caclulated by the noise while correlating and the soil saturation.

Total Cost =	\$16,151.36
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*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.