

WATER MAIN BREAK/ JOINT LEAK REPORT - MARCH 2024

YEARLY WATER MAIN BREAK COMPARISON

MONTH 24	MONTH 23	YTD 24	YTD 23
3	1	17	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* (Water Costs + Repair Costs)
E. Calumet St. & S. Jackson St.	3/2/2024	309269	CIP	8"	1948	3" Hole and 1/2" Crack	5 Hours	1,165,144	\$7,084.08	\$16,084.08
NOTES: The break was found due to a call in by the APD. The duration was calculated by the time of the call and the amount of water and washout under the road.										
1631 S. Hillcrest Dr.	3/15/2024	309269	CIP	6"	1957	4" Hole	6 Hours	648,305	\$3,941.69	\$12,941.69
NOTES: The break was found due to water bubbling up in the street. The duration was calculated by the soil saturation.										
152' South of S. Mason St. on W. Cedar St.	3/19/2024	309269	CIP	6"	1937	12" Split	79 Days	7,147,474	\$43,456.64	\$52,456.64
NOTES: The break was found due to water bubbling up in the street. The duration was calculated by the soil saturation.										
									Total Cost =	\$81,482.41

*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.