

WATER MAIN BREAK/ JOINT LEAK REPORT - AUGUST 2022

YEARLY WATER MAIN BREAK COMPARISON

MONTH 21	MONTH 22	YTD 21	YTD 22
7	6	83	88

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>
2031 E. Calumet St.	8/2/2022	309269	CIP	12"	1965	6" Hole	10 Hours	3,646,718	\$22,172.05	\$31,172.05
NOTES: The break was found due to water coming up from the roadway. The duration was determined by how saturated the soil was and the amount of soil on road.										
421 N. Lawe St.	8/5/2022	309269	CIP	6"	1935	8" Hole	4 Hours	1,670,098	\$10,154.20	\$19,154.20
NOTES: The break was found due to water surfacing on road. The duration was determined by the time of call and the soil saturation.										
1319 N. Charlotte St.	8/6/2022	309269	CIP	6"	1947	6" Hole	4.5 Hours	1,797,651	\$10,929.72	\$19,929.72
NOTES: The break was found due to a call in by resident. The duration was determined by the time of the resident call and the soil saturation.										
W. Marquette St.	8/17/2022	309269	CIP	8"	1962	14" x 1/16" Split	38 Days	6,904,289	\$41,978.08	\$50,978.08
NOTES: The break was found by Al Dix while repairing an old patch. The duration was determined by the last time hydrant was listened to, which was on 07/11/22.										
35 Hillock Ct.	8/26/2022	309269	DIP	8"	1978	4" Hole	4 Hours	698,246	\$4,245.34	\$13,245.34
NOTES: The break was found due to water bubbling above ground. The duration was determined due to time of resident call in.										

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

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. Capitol Dr./ N. Racine St.	8/30/2022	309269	DIP	12"	1977	6" Hole	4 Hours	1,458,687	\$8,868.82	\$17,868.82

NOTES: The break was found due to multiple resident call ins. The duration was determined by the amount of wash out and the time of the calls.

Total Cost =	\$152,348.19
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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.