

WATER MAIN BREAK/ JOINT LEAK REPORT - February 2023

YEARLY WATER MAIN BREAK COMPARISON

MONTH 22	MONTH 23	YTD 22	YTD 23
22	11	45	20

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>
29 Julie St.	2/3/2023	309269	CIP	8"	1961	1/8" Crack	4 Hours	114,031	\$693.31	\$9,693.31
NOTES: The break was found due to water bubbling up. The duration was calculated by the soil saturation and the time of the break until it was fixed.										
2637 S. Jackson St.	2/6/2023	309269	CIP	8"	1960	1/8" Hole	50 days	180,186	\$1,095.53	\$10,095.53
NOTES: The break was found when testing hydrants and correlating. The duration was calculated by the soil saturation and the last time they hydrant was tested.										
1716 E. Calumet St.	2/7/2023	309269	CIP	12"	1965	4" Hole	12 Hours	1,739,586	\$10,576.68	\$19,576.68
NOTES: The break was found by water bubbling up. The duration was calculated by a neighbor who said they heard a bang at 6:00 a.m. and their pipes were vibrating all day.										
1506 N. Oneida St.	2/8/2023	309269	CIP	12"	1952	1" Hole	10 Hours	105,272	\$640.05	\$9,640.05
NOTES: The break was found by water bubbling out of the road. The duration was calculated by the soil saturation and when the call about water bubbling came in.										
331 E. Greenfield St.	2/9/2023	309269	CIP	6"	1957	1/4" Crack	4 Hours	154,717	\$940.68	\$9,940.68
NOTES: The break was found by water coming up in the road. The duation was calculated by the soil saturation and the time of the call.										

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

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1506 N. Oneida St.	2/9/2023	309269	CIP	12"	1952	3" Hole	4 Hours	378,978	\$2,304.19	\$11,304.19
NOTES: The break was found by water bubbling in the street. The duration was calculated by when we knew it had broke again until the repair was made.										
2315 W. Everett St.	2/9/2023	309269	CIP	12"	1961	1/8" Crack	8 Hours	392,764	\$2,388.01	\$11,388.01
NOTES: The break was found due to water coming up in a terrace. The duration was calculated by the soil saturation and the time of call about visible water.										
1117 N. Briarcliff Dr.	2/23/2023	309269	CIP	8"	1964	1/8" Crack, 10" Split	5 Hours	71,554	\$435.05	\$9,435.05
NOTES: The break was found due to water coming up in the road. The duration was calculated by the soil saturation.										
1110 E. Taft Av.	2/24/2023	309269	CIP	8"	1961	5" Hole	6 Hours	1,519,466	\$9,238.35	\$18,238.35
NOTES: The break was found due to water bubbling up. The duration was calculated by the soil saturation and the time it was called in until it was fixed.										
2413 S. Greenview St.	2/24/2023	309269	CIP	8"	1956	4" Hole	4 Hours	648,305	\$3,941.69	\$12,941.69
NOTES: The break was found due to water bubbling up. The duration was calculated by the time we became aware of the break until it was fixed.										
1313 E. Witzke Bl.	2/28/2023	309269	CIP	8"	1970's	1/16" Crack	5 Days	1,748,905	\$10,633.34	\$19,633.34
NOTES: The break was found due to water bubbling up. The duration was calculated as the leak likely began on Thursday 02/23/23.										

*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.

Total Cost = \$132,193.58

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