

WATER MAIN BREAK/ JOINT LEAK REPORT - FEBRUARY 2024

YEARLY WATER MAIN BREAK COMPARISON

MONTH 24	MONTH 23	YTD 24	YTD 23
7	11	14	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>
104' E. of N. Mason St. on W. Lorain St.	2/1/2024	309269	CIP	8"	1968	1/8" Crack	32 Days	21,893,920	\$133,115.03	\$142,115.03
NOTES: The break was found due to noise on a hydrant while testing. The duration was calculated by the soil saturation and the break size.										
1420 E. Jardin St.	2/1/2024	309269	CIP-150	6"	1958	4" Hole	2 Hours	324,153	\$1,970.85	\$10,970.85
NOTES: The break was found due to a call in by the Fire Department who had used the hydrant near the break. The duration was calculated by the time of the call and the was										
W. Reid Dr. & Reid Ct.	2/3/2024	309269	CIP	6"	1928	1/4" Crack and two 2 1/2" Holes	6 Hours	1,003,236	\$6,099.67	\$15,099.67
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.										
618 E. Mitchell Ave.	2/3/2024	309269	DIP	8"	1978	Two 3" Holes	4 Hours	364,672	\$2,217.21	\$11,217.21
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.										
1917 N. Harriman St.	2/6/2024	309269	CIP	6"	1940	1/8" Crack	37 Days	16,191,429	\$98,443.89	\$107,443.89
NOTES: The break was found due to water surfacing on the road. The duration was calculated by the soil saturation and the amount of water running.										

**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)
425 E. Parkway Blvd.	2/9/2024	309269	CIP	6"	1935	1/10" Crack	40 Days	16,789,485	\$102,080.07	\$111,080.07
NOTES: The break was found due to noise on a hydrant while testing. The duration was calculated by the soil saturation and the the size of the crack around the pipe.										
1713 S. Schaefer Cir.	2/15/2024	309269	DIP	8"	1980	3" Hole	4 Hours	399,478	\$2,428.83	\$11,428.83
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.										

Total Cost =	\$409,355.55
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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.