

WATER MAIN BREAK/ JOINT LEAK REPORT - APRIL 2024

YEARLY WATER MAIN BREAK COMPARISON

MONTH 24	MONTH 23	YTD 24	YTD 23
6	5	23	26

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>
2102 N. Richmond St.	4/3/2024	309269	CIP	8"	1937	1/8" Crack and a full circumference split	10 Hours	297,753	\$1,810.34	\$10,810.34
NOTES: The break was found by a water employee who was plowing snow. The duration was calculated by the time the employee saw it and the soil saturation.										
N. Helen St. & E. Randall Ave.	4/11/2024	309269	CIP	8"	1949	4" Hole	4 Hours	744,846	\$4,528.66	\$13,528.66
NOTES: The break was found due to water bubbling. The duration was calculated by the soil saturation.										
S. Arlington St. & E. Lourdes Dr.	4/11/2024	309269	DIP	12"	1974	4" Hole	4 Hours	661,144	\$4,019.76	\$13,019.76
NOTES: The break was found due to water bubbling. The duration was calculated by the soil saturation.										
N. Ullman St. & E. Pershing St.	4/13/2024	309269	CIP	8"	1960	8' x 1/8" Split	6 Hours	762,947	\$4,638.72	\$13,638.72
NOTES: The break was found due to a call in by APD. The duration was calculated by the time of the call and the amount of water bubbling out of the road.										
1517 S. Clara St.	4/18/2024	309269	DIP	8"	1977	4" Split & 1/40" Crack	109 Days	2,373,833	\$14,432.90	\$23,432.90
NOTES: The break was found when inspecting hydrants. The duration was calculated by the soil saturation.										

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

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1420 E Jardin St.	4/30/2024	309269	CIP-150	6"	1958	2" Hole	30 Minutes	20,260	\$123.18	\$9,123.18

NOTES: The break while flushing hydrants. The duration was calculated by the time the break was observed.

Total Cost = \$83,553.56

*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.

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