

WATER MAIN BREAK/ JOINT LEAK REPORT - JUNE 2024

YEARLY WATER MAIN BREAK COMPARISON

MONTH 24	MONTH 23	YTD 24	YTD 23
2	3	27	31

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>
1725 N. Elinor St.	6/6/2024	309269	CIP	6"	1959	1/8" Crack	158 Days	75,345,507	\$458,100.68	\$467,100.68

NOTES: The break was found when correlating. The duration was calculated by going to the start of the year based on the soil saturation.

2513 N. Elinor St.	6/6/2024	309269	DIP	8"	1979	1/32"	158 Days	28,277,013	\$171,924.24	\$180,924.24
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NOTES: The break was found while correlating. The duration was calculated by the soil saturation, corrosion present, and last date of hydrant testing.

Total Cost = \$648,024.92

*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.