

WATER MAIN BREAK/ JOINT LEAK REPORT - MAY 2024

YEARLY WATER MAIN BREAK COMPARISON

MONTH 24	MONTH 23	YTD 24	YTD 23
2	2	25	28

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>
407 Canterbury Ct.	5/7/2024	309269	CIP	8"	1967	14" Split	128 Days	27,027,675	\$164,328.26	\$173,328.26
<small>NOTES:</small> The break was found while correlating and listening to hydrants. The duration was calculated as noise was heard on the hydrant at the start of the year but the break could not be located at that time.										
1617 W. Weiland La.	5/9/2024	309269	DIP	8"	1980	2" Hole	2 Hours	75,000	\$456.00	\$9,456.00
<small>NOTES:</small> The break was found due to a call about water on the road. The duration was calculated by the time of the call and the soil saturation.										

Total Cost =	\$182,784.26
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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.