

WATER MAIN BREAK/ JOINT LEAK REPORT - JANUARY 2024

YEARLY WATER MAIN BREAK COMPARISON

MONTH 24	MONTH 23	YTD 24	YTD 23
7	9	7	9

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>
317 N. White Oak Dr.	1/5/2024	309269	CIP	8"	1969	6" Split	4 Days and 12 Hours	195,883	\$1,190.97	\$10,190.97
NOTES: The break was found due to hydrant testing. The duration was calculated by the soil saturation and the size of the split.										
W Prospect Ave. & S. Fairview St.	1/9/2024	309269	CIP	8"	Pre 1930	1/16" Crack	9 Days	5,871,103	\$35,696.31	\$44,696.31
NOTES: The break was found by water bubbling in the street. The duration was calculated as the resident heard water running for weeks so went back to Jan. 1 2024.										
609 N. Canterbury Dr.	1/14/2024	309269	CIP	8"	1967	1/16" Crack	6 Hours	99,869	\$607.20	\$9,607.20
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.	1/14/2024	309269	DIP	8"	1978	3" Hole	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.										
618 E. Mitchell Ave.	1/14/2024	309269	DIP	8"	1978	3" Hole	4 Hours	364,672	\$2,217.21	\$11,217.21
NOTES: This break was found while repairing the first break at this location. Crew could see a void under the concrete and found another 3" hole that blew at same time.										

**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)
225 W. Lindbergh St.	1/19/2024	309269	CIP	8"	1950	1/16" Crack	4 Hours	51,572	\$313.56	\$9,313.56
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.										
2401 S. Harmon St.	1/21/2024	309269	CIP	6"	1956	1/16" Crack	6 Hours	68,376	\$415.73	\$9,415.73
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 =	\$105,658.17

*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.