

WATER MAIN BREAK/ JOINT LEAK REPORT - December 2023

YEARLY WATER MAIN BREAK COMPARISON

<u>MONTH 22</u>	<u>MONTH 23</u>	<u>YTD 22</u>	<u>YTD 23</u>
13	13	121	86

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>
3133 N. Doris La.	12/2/2023	309269	CIP	8"	1969	1/16" Crack	24 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 resident's intial call at 5:00 p.m. on 12/1/23 to APD.										
111 E. Water St.	12/3/2023	309269	CIP	4"	1935	1/16" Crack	24 Hours	199,739	\$1,214.41	\$10,214.41
NOTES: The break was found due to a call in by a resident. The duration was calculated by the soil saturation and the amount of water bubbling.										
505 S. Lee St.	12/3/2023	309269	CIP	6"	1954	1/16" Crack	5 Hours	59,763	\$363.36	\$9,363.36
NOTES: The break was found due to water surfacing on the road. The durataion was calculated by the time of call about water on the road and the soil saturation.										
1328 S. Memorial Dr.	12/5/2023	309269	CIP	8"	1928	1/16" Crack and 2" Hole	4 Hours	222,855	\$1,354.96	\$10,354.96
NOTES: The break was found due to water bubbling. The duration was calculated by the soil saturation.										
2517 S. Harmon St.	12/5/2023	309269	CIP	8"	1968	1/8" Crack	4 Hours	121,557	\$739.07	\$9,739.07
NOTES: The break was found due to water bubbling. 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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S. Benoit St. & W. Spencer St.	12/8/2023	309269	CIP	6"	Pre-130	Two 5" Holes	4 Hours	2,025,954	\$12,317.80	\$21,317.80
NOTES: The break was found due to water bubbling. The duration was calculated by the soil saturation and the time it took to repair.										
2491 S. East St.	12/8/2023	309269	CIP	6"	1956	1/8" Crack and 2" Hole	10 Hours	203,858	\$1,239.46	\$10,239.46
NOTES: The break was found due to water bubbling. The duration was calculated by the soil saturation and the time it took to repair.										
E. Randall Ave. & N. Helen St.	12/11/2023	309269	CIP	8"	1962	1/16" Crack	24 Hours	837,952	\$5,094.75	\$14,094.75
NOTES: The break was found by testing hydrants and water bubbling up. The duration was calculated by a homeowner saying they first saw water 24 hours ago.										
N. Durkee St. & E. Roosevelt St.	12/15/2023	309269	CIP	6"	1930	1/16" Crack	4 Days	1,198,434	\$7,286.48	\$16,286.48
NOTES: The break was found due to a call in by a resident. The duration was calculated by the resident saying they first saw water four days before calling.										
1313 S. East St.	12/16/2023	309269	CIP	6"	1946	1/8" Crack	4 Hours	499,347	\$3,036.03	\$12,036.03
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.										
123 E. Commercial St.	12/18/2023	309269	CIP	6"	Pre-1930	4" Hole	2 Hours	317,518	\$1,930.51	\$10,930.51
NOTES: The break was found due to a call in. The duration was calculated by the time of the call in and the soil saturation.										
1024 E. Park Hills Dr.	12/25/2023	309269	DIP	8"	1971	2" Hole and 3" Hole	4 Hours	505,239	\$3,071.85	\$12,071.85
NOTES: The break was found due to water bubbling. The duration was calculated by the soil saturation.										

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1420 N. Kenilworth Dr.	12/26/2023	309269	CIP	6"	1948	1/16" Crack	4 Hours	81,543	\$495.78	\$9,495.78

NOTES: The break was found due to a call about water bubbling. The duration was calculated from the time of the call until the time it was fixed.

Total Cost = \$157,573.28

*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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