

WATER MAIN BREAK/ JOINT LEAK REPORT -

YEARLY WATER MAIN BREAK COMPARISON

<u>MONTH 21</u>	<u>MONTH 22</u>	<u>YTD 21</u>	<u>YTD 22</u>
15	13	137	121

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>
509 N. Kensington Dr.	12/2/2022	309269	CIP	8"	1967	1/16" Crack	3 Hours	60,779	\$369.54	\$9,369.54
NOTES: The break was found due to water bubbling out of the road. The duration was calculated based on the time water was seen bubbling until it was repaired.										
1745 N. Superior St.	12/2/2022	309269	CIP	6"	1922	1/16" Crack, 2" Hole	7 Hours	348,567	\$2,119.29	\$11,119.29
NOTES: The break was found due to water bubbling out of the road. The duration was calculated based on the soil saturation.										
915 E. McKinley St.	12/2/2022	309269	CIP	8"	1967	1/16" Crack	3 Hours	45,584	\$277.15	\$9,277.15
NOTES: The break was found due to water bubbling out of the road. The duration was calculated based on the time notified of water bubbling until it was repaired.										
431 W. Seymour St.	12/7/2022	309269	CIP	8"	1963	1/8" Crack	4 Hours	144,031	\$875.71	\$9,875.71
NOTES: The break was found due to water bubbling. The duration was calculated by the soil saturation and when the bubbling water was seen until it was repaired.										
415 S. Fidelis St.	12/7/2022	309269	CIP	8"	1971	1/8" Crack	7 Days	5,105,406	\$31,040.87	\$40,040.87
NOTES: The break was found due to water surfacing on roadway. The duration was calculated by the soil saturation and the last time the area was correlated.										

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

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217 S. Lee St.	12/9/2022	309269	CIP	6"	1941	2" Hole	4 Hours	162,076	\$985.42	\$9,985.42
NOTES: The break was found due to a call in by a resident. The duration was calculated by the amount of water bubbling and the time of the resident's call.										
918 E. Glendale Av.	12/11/2022	309269	CIP	8"	1952	3" Hole	6 Hours	547,008	\$3,325.81	\$12,325.81
NOTES: The break was found due to a call in by a resident and the APD. The duration was calculated by the amount of water and mud on the road.										
1007 S. Matthias St.	12/15/2022	309269	CIP	8"	1962	1/8" Crack	4 Hours	133,159	\$809.61	\$9,809.61
NOTES: The break was found due to water coming up in the roadway. The duration was calculated by the amount of water and the time of the call.										
S. Ritger St. & E. Fremont St.	12/20/2022	309269	CIP	6"	1946	1/8" Crack	4 Hours	79,478	\$483.23	\$9,483.23
NOTES: The break was found due to water bubbling in the street. The duration was calculated by the soil saturation and the time the water was seen bubbling.										
1509 N. Douglas St.	12/20/2022	309269	CIP	6"	1958	1/16" Crack	4 Days	902,148	\$5,485.06	\$14,485.06
NOTES: The break was found when the resident called in due to a wet basement. The duration was calculated by how long the resident noticed his walls getting wet.										
3137 N. Roemer Rd.	12/22/2022	309269	DIP	12"	1978	5" Hole	4 Hours	1,163,822	\$7,076.04	\$16,076.04
NOTES: The break was found by water bubbling up. The duration was calculated by the soil saturation and when the break was called in until it was repaired.										
2415 E. Bona Av.	12/23/2022	309269	CIP	8"	1970	1/4" Crack	4 Hours	243,115	\$1,478.14	\$10,478.14
NOTES: The break was found due to water bubbling up in the roadway. The duration was calculated from the time was water bubbling was noticed until the time it was fixed.										

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2317 N. Eugene St.	12/29/2022	309269	CIP	8"	1969	1/2" Crack	4 Hours	495,858	\$3,014.82	\$12,014.82

NOTES: The break was found due to a call in by a resident. The duration was calculated by the resident reporting that it had been running for two hours before they called.

Total Cost = \$174,340.67

*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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