

## WATER MAIN BREAK/ JOINT LEAK REPORT - OCTOBER 2023

### YEARLY WATER MAIN BREAK COMPARISON

MONTH 22	MONTH 23	YTD 22	YTD 23
4	7	92	64

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>
1420 N. Rankin St.	10/1/2023	309269	CIP	6"	1949	4" Hole	5 Hours	375,895	\$2,285.44	\$11,285.44
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 washout and road damage.										
2809 E. Rail Rd.	10/3/2023	309269	DIP	12"	1977	1" Hole, 2" Hole, 9" Hole, and 10" Hole	3 Hours	14,708,431	\$89,427.26	\$98,427.26
NOTES: The break was found due to a call in by a resident and the Water Plant. The duration was calculated by the time of the calls and the amount of water flowing.										
2706 S. Telulah Ave.	10/9/2023	309269	CIP	8"	1964	1/8" Crack	4 Hours	114,031	\$693.31	\$9,693.31
NOTES: The break was found due to a call in because of water bubbling in the street. The duration was calculated by the time of call to time fixed.										
N. Green Bay Rd. & E. Washington St.	10/11/2023	309269	CIP	6"	1958	1" Crack & 3" Hole	2 Hours	547,008	\$3,325.81	\$12,325.81
NOTES: The break was found due to a call about water coming up through the road. The duration was calculated by the time of the call in and the amount of water bubbling.										
813 S. Pierce Ave.	10/13/2023	309269	CIP	6"	1927	1/16" Crack	2 Hours	21,861	\$132.91	\$9,132.91
NOTES: The break was found due to a call about water coming up through the grass. The duration was calculated by the time the leak was called in until fixed.										

\*\*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)
2809 E. Rail Rd.	10/18/2023	309269	DIP	12"	1977	1/16" Hole	15 Days and 6 Hours	14,482	\$88.05	\$9,088.05
NOTES: The break was found because of water coming to the surface. The duration was calculated by the date of the last main break at this same location.										
E. Lexington Dr. & N. Fernmeadow Dr.	10/19/2023	309269	CIP	8"	1964	1/16" Crack	5 Hours	71,269	\$433.32	\$9,433.32
NOTES: The break was found due to a call in by a resident because of water bubbling through the road. The duration was calculated from the time of the call until it was fixed.										

<b>Total Cost =</b>	<b>\$159,386.10</b>
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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.