

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

### YEARLY WATER MAIN BREAK COMPARISON

<u>MONTH 22</u>	<u>MONTH 23</u>	<u>YTD 22</u>	<u>YTD 23</u>
6	7	82	38

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>
3108 E. Rail Rd.	7/10/2023	309269	DIP	12"	1978	5" Hole	4 Hours	1,012,977	\$6,158.90	\$15,158.90
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 washout.										
715 E. Dennison St.	7/22/2023	309269	CIP	6"	1947	4" Hole	3 Hours	486,229	\$2,956.27	\$11,956.27
NOTES: The break was found due to a call in. The duration was calculated by the time of the call until it was fixed.										
715 E. Dennison St.	7/24/2023	309269	CIP	6"	1947	5" Hole	3 Hours	506,000	\$3,076.48	\$12,076.48
NOTES: The break was found due to a call in. The duration was calculated by the time of the call until it was fixed.										
933 E. Capitol Dr.	7/29/2023	309269	DIP	12"	1967	5" Hole & 7" Hole	4 Hours	3,229,390	\$19,634.69	\$28,634.69
NOTES: The break was found due to a call in by the Water Plant. The duration was calculated by the time of the call from the Water Plant until it was shut down.										
933 E. Capitol Dr.	7/29/2023	309269	DIP	12"	1967	5" Hole	4 Hours	1,091,010	\$6,633.34	\$15,633.34
NOTES: The break was found due to a call in by the Water Plant. The duration was calculated by the time of the call from the Water Plant until it was shut down.										

\*\*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)
E. Capitol Dr. & N. Lawe St.	7/30/2023	309269	DIP	12"	1978	5" Hole	4 Hours	1,012,977	\$6,158.90	\$15,158.90
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.										
1935 E. Calumet St.	7/31/2023	309269	DIP	12"	1971	5" Hole	3 Hours	796,000	\$4,839.68	\$13,839.68
NOTES: The break was found due to a call in by APD. The duration was calculated by going back one hour before the call in.										
									<b>Total Cost =</b>	<b>\$112,458.26</b>

\*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.