

WATER MAIN BREAK/ JOINT LEAK REPORT - MAY 2021

YEARLY WATER MAIN BREAK COMPARISON

<u>MAY 20</u>	<u>MAY 21</u>	<u>YTD 20</u>	<u>YTD 21</u>
3	6	40	56

LOCATION	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
710 E. Summer St.	285630	DIP	12"	1976	1/2" Crack X 16" Split	30 Days	60,525,000	\$367,992.00
NOTES: Break was found as water was in the road and with the correlator. Duration is based on ground saturation. Water was following a trench and entering the sewer some where.								
Schaefer Cir. & Eric Dr.	285997	DIP	8"	1979	1/4" Hole	14 Days	212,725	\$1,293.37
NOTES: Break was found as water was in the road. Duration is based time of call and soil saturation.								
1716 E. Calumet St.	286050	CIP	12"	1965	6" Hole	4 Hours	1,271,654	\$7,731.66
NOTES: The break was called in by the PD. Duration is based on time of call until it was fixed.								
712 E. Summer St.	286051	DIP	12"	1976	2" Hole	3 Hours	142,045	\$863.63
NOTES: Break was reported by APD. Duration is based on time of call until it was fixed.								

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

LOCATION	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
511 S. Kensington Dr.	286274	DIP	12"	1980	3" Hole	4 Hours	415,700	\$2,527.46
NOTES: Break was found as water was bubbling out of the road. Duration is based on time of call until it was turned off.								
2509 E. Crestview Dr.	286499	CIP	8"	1966	4" Hole	6 Hours	972,458	\$5,912.54
NOTES: Break was called in by a resident. Duration is based on the amount of water in area and the soil saturation.								

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.