

## WATER MAIN BREAK/ JOINT LEAK REPORT - MARCH

### YEARLY WATER MAIN BREAK COMPARISON

<u>MARCH 21</u>	<u>MARCH 22</u>	<u>YTD 21</u>	<u>YTD 22</u>
11	15	45	60

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
E. Lawrence St.	3/3/2022		CIP	4"	Pre 1930	1/34" Crack	58 Days	2,400,000	\$14,592.00
NOTES: Break was found while testing hydrants. Water was going into the storm sewer and never surfaced. Duration went back to the beginning of the year.									
9 Arbor La.	3/3/2022	305195	DIP	8"	1978	4" X 1/16" Split	7 Days	406,275	\$2,470.15
NOTES: Break was called in by sanitation truck operator. Duration was determined by the amount of water and deterioration of the pipe.									
1119 E. Wisconsin Ave.	3/3/2022	305187	CIP	6"	1951	3" Hole	8 Hours	618,869	\$3,762.72
NOTES: Break was called in as there was water in the road. Duration is based on time of call and soil saturation.									
1901 N. Linwood Ave.	3/8/2022	305356	CIP	8"	1961	1/16" Crack	7 Days	2,701,527	\$16,425.28
NOTES: Called in by Valley Transit as there was water/ ice in the road. Break was leaking into a catch basin so it did not surface right away. Duration is based on the amount of water/ ice on scene.									

\*\*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**
2509 N. Locust St.	3/9/2022	305424	CIP	8"	1964	1/4" Crack	12 Hours	699,562	\$4,253.34
NOTES: Break was called in by resident. Duration is based on the amount of water and mud on the roadway, along with soil saturation.									
2116 N. Birchwood Ave.	3/10/2022	305441	CIP	8"	1964	6" Split	57 Days	1,215,538	\$7,390.47
NOTES: Break was found as noise was heard on the hydrant. Duration went back to the last hydrant inspection date.									
2019 N. Nicholas St.	3/11/2022	305477	CIP	8"	1963	1/16" Hole	70 Days	67,793	\$412.18
NOTES: Break was found with the correlator. Duration is based on the soil saturation.									
1509 N. Eugene St.	3/13/2022	305501	CIP	8"	1960	1/16" Crack	4 Hours	50,119	\$304.72
NOTES: Break was called in by resident. Duration is based on the amount of water and the soil saturation.									
1702 E. Randall St.	3/17/2022	305691	CIP	8"	1949	1/8" Crack	8 Hours	311,942	\$1,896.61
NOTES: Break was called in as there was water in the road. Duration is based on time of call and soil saturation.									
601 S. Theodore St.	3/17/2022	305680	DIP	8"	1975	6" Hole	4 Hours	1,458,687	\$8,868.82
NOTES: Break was called in as there was water bubbling in road. Duration is based on time of call and the soil saturation.									

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LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
E. Newberry St. & S. Lee St.	3/19/2022	305787	CIP	12"	1960	10' X 1/4" Split & two 6" Holes	4 Hours	5,000,000	\$30,400.00
NOTES: Water Treatment Plant called this break in. Duration is based on the time the Water Plant called until it was throttled down.									
2220 E. College Ave.	3/21/2022	305843	CIP	12"	1961	1/4" Hole	80 Days	1,309,212	\$7,960.01
NOTES: Break was found with the correlator as there was a frost heave. This had been leaking a long time and never surfaced. Duration went back to the first of the year.									
E. Florida Ave. & N. Durkee St.	3/23/2022	305938	CIP	8"	1964	1/8" Crack	4 Hours	128,000	\$778.24
NOTES: Break was found as there was water leaking onto the road. Duration is based on soil saturation and water present at scene.									
743 W. Eighth St.	3/24/2022	305969	CIP	6"	1937	1/16" Crack	4 Hours	40,772	\$247.89
NOTES: Break was called in as water was in the road. Duration is based on time of call until throttled down.									
413 N. Cambridge Dr.	3/27/2022	306057	CIP	8"	1967	1/8" Crack	5 Hours	179,786	\$1,093.10
NOTES: Break was called in as water was in the road. Duration is based on time of call and 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.