

WATER MAIN BREAK/ JOINT LEAK REPORT - JANUARY 2022

YEARLY WATER MAIN BREAK COMPARISON

<u>JAN 21</u>	<u>JAN 22</u>	<u>YTD 21</u>	<u>YTD 22</u>
17	23	17	23

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
1507 E. Plaza Dr.	1/3/2022	298064	CIP	8"	1964	1/4" Crack	48 Hours	2,609,379	\$15,865.02
NOTES: Our Sewer crew found the leak when they were jetting the sewer line. This never surfaced, duration just went back to the first of the year.									
1818 W. Pershing St.	1/4/2022	298100	CIP	8"	1966	3/4" Hole	7 Hours	38,257	\$232.60
NOTES: Break was found as water was in the road. Duration is based on soil saturation and time of call till turned off.									
W. Lawrence St. west of S. Walnut St.	1/5/2022	298136	CIP	8"	1931	4" Hole	5 Hours	826,431	\$5,024.70
NOTES: Break was called in as water was in the road. Duration is based on soil saturation and time of call until throttled down.									
5 River Front Ct.	1/5/2022	298153	CIP	6"	1964	1/16" Crack	5 Hours	54,653	\$332.29
NOTES: Break was called in as water was in the road. Duration is based on soil saturation and time of call until throttled 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**
N. Green Bay Rd. north of E. North St.	1/5/2022	298162	CIP	12"	1958	1/16" Crack	5 Days	3,094,343	\$18,813.61
NOTES: Break was found as water was in the road. Duration is based on soil saturation, could tell this had been running for a while before it had surfaced.									
1939 S. Adams St.	1/13/2022	298670	CIP	6"	1928	1/16" Crack	12 Hours	133,901	\$814.12
NOTES: Break was called in as water was in the road. Duration is based on soil saturation and time of call until throttled down.									
2007 Hickory Ct.	1/14/2022	298710	CIP	6"	1956	1/4" Crack	12 Hours	464,151	\$2,822.04
NOTES: Break was called in as water was in the road. Duration is based on soil saturation and time of call until throttled down.									
2701 S. Lillian Ct.	1/18/2022	298840	CIP	8"	1960	1/4" Hole	18 Days	267,978	\$1,629.31
NOTES: Break was found as there was noise on the hydrant. Duration is based on the date of the last hydrant test and soil saturation.									
158 Ramlen Ct.	1/20/2022	298921	CIP	6"	1957	4" Hole	6 Hours	972,458	\$5,912.54
NOTES: Break was called in as water was in the road. Duration is based on soil saturation and time of call until throttled down.									
1117 N. Briarcliff Dr.	1/20/2022	298951	CIP	8"	1964	1/16" Crack	24 Hours	364,672	\$2,217.21
NOTES: Break was called in my resident for water/ ice being on the road. Duration is based on time of call, soil saturation, water/ ice on road.									

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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**
831 E. McKinley St.	1/21/2022	298980	CIP	6"	1958	1/16" Crack	21 Days	5,264,079	\$32,005.60
NOTES: Break was called in by resident. Duration is based on when the resident stated they noticed the water start to appear and the soil saturation.									
2001 S. Horizon Dr.	1/21/2022	298965	DIP	8"	1979	2" Hole	8 Hours	307,518	\$1,869.71
NOTES: Break was called in as water was in the road. Duration is based on soil saturation and time of call until turned down.									
527 S. Lee St.	1/21/2022	298966	CIP	6"	1955	1/32" Crack	12 Hours	62,668	\$381.02
NOTES: Break was called in by resident for water being on the road. Duration is based on time of call, soil saturation, and the amount of water on road which was delayed on surfacing due to the frost. Water followed underground to service line.									
716 S. Fidelis St.	1/21/2022	298996	CIP	8"	1971	5" Hole	6 Hours	1,519,466	\$9,238.35
NOTES: Break was called in by APD. Duration is based on the amount of water coming up, water/ ice went down the road 2 blocks.									
1200 E. Northland Ave.	1/22/2022	298997	DIP	12"	1979	6" Hole	6 Hours	2,396,868	\$14,572.96
NOTES: Break was called in by resident. Duration is based on the volume of water that was in the ditch.									
N. Bennett St. between Wisconsin & Kamps	1/23/2022	298999	CIP	8"	1940	1/8" Crack	4 Hours	121,557	\$739.07
NOTES: Break was called in by plow driver. Duration is based on the amount of water and ice built up.									

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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**
510 W. River Rd.	1/24/2022	299060	CIP	8"	1969	1/8" Crack	8 Hours	194,492	\$1,182.51
NOTES: Break was called in my resident. Duration is based on the soil saturation and the amount of water.									
1802 E. Amelia St.	1/26/2022	299141	CIP	8"	1960	1/16" Crack	8 Hours	121,557	\$739.07
NOTES: Break was called in by a resident. Duration is based on the soil saturation, the amount of water bubbling up, and time of call until turned down.									
931 E. Florida Ave.	1/27/2022	299181	CIP	8"	1969	1/32" Crack	27 Days	5,392,953	\$32,789.15
NOTES: Break was found as there was noise on the hydrant. Duration is based on the date of the last hydrant test and soil saturation.									
2003 E. Lourdes Dr.	1/28/2022	299201	DIP	12"	1975	4" Hole	6 Hours	972,458	\$5,912.54
NOTES: Break was called in by resident. Duration is based on the amount of water and mud on the road.									
635 W. Atlantic St.	1/28/2022	299387	CIP	4"	Pre 1930	4" Hole	5 Hours	742,727	\$4,515.78
NOTES: Break was called in by a resident. Duration is based on the amount of water, mud, ice on the road. Along with the time of call till it was turned down.									
W. Franklin St. & N. Locust St.	1/29/2022	299388	CIP	6"	1948	6" Hole	5 Hours	1,314,843	\$7,994.25
NOTES: Break was called in by resident. Duration is based on the time of call until it was turned down. Also based off the mount of water and ice on the road.									

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N. Oneida St. & W. Marquette St.	1/30/2022	299389	CIP	8"	1945	25" X 3/4" Split	6 Hours	1,088,237	\$6,616.48
NOTES:	Break was called in by resident. Duration is based on the amount of water, mud, and ice on the road. Along with the time of call till it was turned down.								

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 average cost of \$630 to produce the lost water for each main break.

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