

WATER MAIN BREAK/ JOINT LEAK REPORT - December 2024

YEARLY WATER MAIN BREAK COMPARISON

MONTH 24	MONTH 23	YTD 24	YTD 23
21	13	66	86

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)
1213 E. Layton Ave.	12/2/2024	309269	DIP	8"	1966	1/8" Crack	6 Hours	182,336	\$1,108.60	\$10,108.60
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 water bubbling.										
2435 S. Eric Dr.	12/2/2024	309269	DIP	8"	1980	4" Hole	4 Hours	648,305	\$3,941.69	\$12,941.69
NOTES: The break was found due to call ins by a resident and APD. The duration was calculated by the time of the call and the amount of water bubbling.										
613 E. Greenfield Dr.	12/3/2024	309269	CIP	8"	1961	1/8" Crack	4 Hours	121,557	\$739.07	\$9,739.07
NOTES: The break was found due to water bubbling up. The duration was calculated by the soil saturation.										
1611 E. Longview Dr.	12/4/2024	309269	CIP	12"	1966	1/8" Crack	4 Hours	182,336	\$1,108.60	\$10,108.60
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 soil saturation.										
N. Durkee St. & E. Florida Ave.	12/6/2024	309269	CIP	8"	1965	1/16" Crack	175 Days	67,538,168	\$410,632.06	\$419,632.06
NOTES: The break was found while correlating. The duration was calculated by the loud noise heard while correlating and that the break never surfaced.										

**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)
1500 W. Lindbergh St.	12/9/2024	309269	CIP	8"	1960	1/8" Crack and 4" Hole	3 Hours	619,823	\$3,768.52	\$12,768.52
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 water bubbling.										
2929 N. Mason St.	12/9/2024	309269	DIP	12"	1978	1/32" Crack	175 Days	52,431,484	\$318,783.42	\$327,783.42
NOTES: The break was found by correlating. The duration was calculated by the very saturated ground as the water never surfaced and the condition of the pipe.										
N. Outagamie St. & W. Marquette St.	12/11/2024	309269	CIP	8"	1962	1/16" Crack	8 Hours	121,557	\$739.07	\$9,739.07
NOTES: The break was found due to water bubbling. The duration was calculated by the soil saturation.										
S. East St. north of E. Harrison St.	12/14/2024	309269	CIP	8"	1967	1/16" Crack	8 Hours	121,557	\$739.07	\$9,739.07
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 soil saturation.										
2601 N. Richmond St.	12/15/2024	309269	CIP	12"	1964	1/8" Crack	4 Hours	182,336	\$1,108.60	\$10,108.60
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 water bubbling.										
324 E. Franklin St.	12/15/2024	309269	CIP	6"	1912	Two 4" Holes	4 Hours	1,296,610	\$7,883.39	\$16,883.39
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 water bubbling.										
1801 Silvercrest Dr.	12/18/2024	309269	CIP	8"	1960	1/8" Crack	4 Hours and 30 Minutes	275,052	\$1,672.32	\$10,672.32
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 soil saturation.										

**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)
3024 N. Mason St.	12/20/2024	309269	DIP	8"	1978	5" Hole	5 Hours	1,315,896	\$8,000.65	\$17,000.65
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of call and the amount of water bubbling.										
130 Ramlen Ct.	12/20/2024	309269	CIP	6"	1957	1/8" Crack	4 Hours	121,557	\$739.07	\$9,739.07
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of call and the amount of water bubbling.										
1518 S. Bartell Dr.	12/21/2024	309269	CIP	8"	1956	1/16" Crack	5 Hours	78,954	\$480.04	\$9,480.04
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of call and the amount of water bubbling.										
1203 E. Nawada St.	12/21/2024	309269	CIP	6"	1945	1/16" Crack	4 Hours	35,309	\$214.68	\$9,214.68
NOTES: The break was found due to water bubbling in the road. The duration was calculated by the amount of water bubbling.										
2512 S. Berry Dr.	12/22/2024	309269	CIP	8"	1968	1/16" Crack and 2" Hole	4 Hours	222,855	\$1,354.96	\$10,354.96
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of call and the amount of water bubbling.										
307 W. Pershing St.	12/28/2024	309269	CIP	8"	1957	1/16" Crack	8 Hours	96,483	\$586.62	\$9,586.62
NOTES: The break was found due to a call in by a resident. The duration was calculated by very saturated soil and minimal water surfacing.										
N. Meade St. & E. Lindbergh St.	12/28/2024	309269	CIP	6"	1954	1/8" Crack	6 Hours	144,725	\$879.93	\$9,879.93
NOTES: The break was found due to a call in by APD. The duration was calculated by the time of call and the amount of water bubbling.										

**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)
1001 W. Roberts Ave.	12/30/2024	309269	CIP	8"	1966	1/8" Crack	4 Hours	121,557	\$739.07	\$9,739.07
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of call and the amount of water bubbling.										
1105 E. Roeland Ave.	12/30/2024	309269	CIP	8"	1968	1/8" Crack	5 Hours	160,805	\$977.69	\$9,977.69
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of call and the amount of water bubbling.										
									Total Cost =	\$955,197.11

*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.