

WATER MAIN BREAK/ JOINT LEAK REPORT - OCTOBER 2021

YEARLY WATER MAIN BREAK COMPARISON

<u>OCT 20</u>	<u>OCT 21</u>	<u>YTD 20</u>	<u>YTD 21</u>
5	10	71	98

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
1623 N. Superior St.	10/7/2021	294566	CIP	6"	1922	2" Hole	3 Hours	94,158	\$572.48
NOTES: Break was called in by resident. Water loss duration is based on the time of call.									
E. Northwood Dr. & N. Park Drive La.	10/8/2021	294577	DIP	8"	1977	4" Hole	4 Hours	721,922	\$4,389.29
NOTES: Break was called in by the PD. Duration was based on time of call the soil saturation.									
1017 E. Capitol Dr.	10/12/2021	294714	DIP	12"	1977	5" Hole	3 Hours	759,733	\$4,619.18
NOTES: Break was found as water was bubbling out of the road. Duration was determined from when caller said it started till we were able to turn it down.									
2711 E. Lourdes Dr.	10/16/2021	294871	DIP	12"	1972	5" Hole	4 Hours	1,012,977	\$6,158.90
NOTES: Break was called in by APD. The duration is based on the amount of mud blown out and the water on the road.									
1217 N. Bay Ridge Rd.	10/18/2021	294888	CIP	8"	1966	1/8" Crack	7 Hours	216,938	\$1,318.98
NOTES: Break was found as water was on the road. Duration is based on the time of call and 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**
Reid Dr. & Douglas St.	10/25/2021	295155	CIP	6"	1940	1/8" Crack	6 Hours	125,335	\$762.04
NOTES: The break was found as water was bubbling out of the road. Duration is based on soil saturation and time of being notified.									
3501 N. Windward La.	10/28/2021	295353	DIP	8"	1980	3" Hole	6 Hours	501,341	\$3,048.15
NOTES: The break was called in. The duration is based on the time of call and soil saturation.									
509 E. Taft Ave.	10/28/2021	295352	CIP	6"	1957	4" Hole	5 Hours	742,727	\$4,515.78
NOTES: Break was called in. The duration is based on time of call and soil saturation.									
McDonald St. & Northwood Dr.	10/31/2021	295457	DIP	8"	1977	6" Hole	6 Hours	2,475,474	\$15,050.88
NOTES: The break was found as water was bubbling out of the road. The duration is determined based on the amount of wash out.									
1115 S. Theodore St.	10/31/2021	295429	DIP	8"	1975	4" Hole	4 Hours	594,182	\$3,612.63
NOTES: Break was found as water was bubbling out of the road. Duration is based on time of call till it was repaired.									

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.