

WATER MAIN BREAK/ JOINT LEAK REPORT - SEPTEMBER

YEARLY WATER MAIN BREAK COMPARISON

<u>SEPT. 20</u>	<u>SEPT. 21</u>	<u>YTD 20</u>	<u>YTD 21</u>
8	5	66	88

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
1310 S. Madison St.	9/3/2021	293134	CIP	6"	1929	6" Hole	4 Hours	1,632,830	\$9,927.61
NOTES: Break was called in as water was bubbling out of the road. Duration is based on time of customer call and the soil saturation.									
216 E. Capitol Dr.	9/5/2021	293157	DIP	12"	1978	5" Hole	6 Hours	1,488,767	\$9,051.70
NOTES: Break was found as water was bubbling out of the road. Duration is based on soil saturation.									
1609 N. Charlotte St.	9/9/2021	293283	CIP	8"	1940	6" X 1/4" Split & 6" X 1" Hole	9 days	3,117,000	\$18,951.36
NOTES: Break was called in for water bubbling up. Duration is based on saturation of the soil.									
3535 N. Windward La.	9/27/2021	293915	DIP	8"	1980	2" X 7" Hole	4 Hours	782,000	\$4,754.56
NOTES: Break was called in by APD. The duration of break was based on the soil saturation									
825 N. Rankin St.	9/28/2021	293989	CIP	8"	1949	7" Split	9 Months	20,492,010	\$124,591.42
NOTES: Break was found by the Water Construction crew as they found City water in storm inlet. Duration was based on the type of break, deterioration of the pipe, soil saturation, and the washout around the catch basin.									

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.