

## WATER MAIN BREAK/ JOINT LEAK REPORT - AUGUST 2023

### YEARLY WATER MAIN BREAK COMPARISON

MONTH 22	MONTH 23	YTD 22	YTD 23
6	6	88	44

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* <small>(Water Costs + Repair Costs)</small>
917 E. Capitol Dr.	8/1/2023	309269	DIP	12"	1967	6" Hole	3 Hours	1,178,291	\$7,164.01	\$16,164.01
NOTES: The break was found due to a call in. The duration was calculated by the time it was called in and the soil saturation.										
1418 W. Brewster St.	8/2/2023	309269	CIP	6"	1940	1/64" Crack & 6" Hole	150 Days	4,996,435	\$30,378.32	\$39,378.32
NOTES: The break was found due to a call in. The duration was calculated by the condition of the pipe and the soil saturation.										
3541 W. Windward La.	8/7/2023	309269	DIP	8"	1980	4" Hole	4 Hours	621,833	\$3,780.74	\$12,780.74
NOTES: The break was found due to water bubbling in the street. The duration was calculated by the soil saturation and the time of the call in until it was fixed.										
1225 W. Cedar St.	8/11/2023	309269	CIP	6"	1937	4" Hole	2 Days	579,000	\$3,520.32	\$12,520.32
NOTES: The break was found due to water bubbling out of the road. The duration was calculated by the saturation of the soil and the time notified of the water bubbling.										
329 S. Benoit St.	8/27/2023	309269	CIP	6"	1929	2" Hole	8 Hours	324,153	\$1,970.85	\$10,970.85
NOTES: The break was found due to a call in by a resident. The duration was calculated by the amount of water bubbling 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)
Telulah Park	8/28/2023	309269	CIP	12"	1958	14" Hole	5 Hours	11,912,613	\$72,428.69	\$81,428.69

NOTES: The break was found due to a call by the Water Plant. The duration was calculated by the time of the call to when it was shut off and the amount of water bubbling.

**Total Cost = \$173,242.94**

\*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.