

WATER MAIN BREAK/ JOINT LEAK REPORT - JULY

YEARLY WATER MAIN BREAK COMPARISON

JULY 21	JULY 22	YTD 21	YTD 22
11	6	76	82

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>
1110 E. Taft Ave.	7/6/2022	309269	CIP	8"	1961	8" Split	276 Days & 16 Hours	16,687,508	\$101,460.05	\$110,460.05
NOTES: Break was found by water running in man hole and correlation. Duration was determined by the saturated soil.										
1611 E. Fremont St.	7/6/2022	309269	DIP	12"	1971	6" Hole	5 Hours	1,859,469	\$11,305.57	\$20,305.57
NOTES: Break was called in by APD. Duration was determined by the amount of water bubbling and the mud on the road.										
1611 E. Fremont St.	7/8/2022	309269	DIP	12"	1971	5" Hole	3 Hours	814,026	\$4,949.28	\$13,949.28
NOTES: Break was found by water coming up from roadway. Duration was determined by time of call and soil saturation.										
1916 E. Lourdes Dr.	7/12/2022	309269	DIP	12"	1975	4" Split	5 Hours	202,595	\$1,231.78	\$10,231.78
NOTES: Break was found by water surfacing on the roadway. Duration is based on the time it was noticed until turned down, along with water present.										
721 E. Capitol Dr.	7/22/2022	309269	DIP	12"	1978	2.5" Hole	6 Hours	379,866	\$2,309.59	\$11,309.59
NOTES: Break was found due to a call in by resident. Duration was determined 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)
1021 E. Pacific St.	7/23/2022	309269	CIP	8"	Pre-1930	75"x1/4" Split & 6" Hole	6 Hours	4,370,284	\$26,571.33	\$35,571.33

NOTES: Break was found due to a call in by resident. Duration was determined by the time of call and amount of water/mud on roadway.

Total Cost =	\$201,827.59
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*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.