

WATER MAIN BREAK/ JOINT LEAK REPORT - APRIL

YEARLY WATER MAIN BREAK COMPARISON

<u>APRIL 21</u>	<u>APRIL 22</u>	<u>YTD 21</u>	<u>YTD 22</u>
5	6	50	66

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
2621 E. John St.	4/1/2022	306445	DIP	12"	1975	5" Split x 1/32" crack	91 days	3,200,425	\$19,458.58
NOTES: Break was found with the correlator. Duration is based on the soil saturation. Break never surfaced.									
3301 S. White Birch La.	4/6/2022	306671	DIP	8"	1979	1/32" Hole	97 Days	23,029	\$140.02
NOTES: Break was found with the correlator. Duration is based on the soil saturation.									
38 Partridge Ct.	4/6/2022	306626	DIP	8"	1978	1/8" Hole	65 Days	250,000	\$1,520.00
NOTES: Break was found with the correlator. Duration is based on soil saturation and the last hydrant inspection date.									
2701 S. Jackson St.	4/13/2022	306867	CIP	8"	1968	3" Split	102 Days	1,593,708	\$9,689.74
NOTES: Break was found with the correlator. Break never surfaced, duration is based on soil saturation and water present in trenches.									

**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**
1809 N. Douglas St.	4/18/2022	307012	CIP	8"	1960	1/16" Crack	10 Hours	318,726	\$1,937.85
NOTES: Break was found as water was on the road. Duration is based on soil saturation and dirt/ stone washout.									
1719 Schaefer Ci.	4/27/2022	307272	DIP	8"	1980	3" Hole	6 Hours	600,000	\$3,648.00
NOTES: Break was called in by resident as water was surfacing. Duration is based on soil saturation and water present.									

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.