

WATER MAIN BREAK/ JOINT LEAK REPORT - JUNE

YEARLY WATER MAIN BREAK COMPARISON

<u>JUNE 21</u>	<u>JUNE 22</u>	<u>YTD 21</u>	<u>YTD 22</u>	<u>COST YTD 21</u>	<u>COST YTD 22</u>
9	6	65	76	\$ 1,572,368.55	\$ 1,687,339.11

LOCATION	BREAK DATE	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**	DOLLAR VALUE FOR BREAK* (Water Costs + Repair Costs)
1101 E. Meadow Grove Blvd.	6/2/2022	308639	DIP	12"	1979	3" Hole	7 Hours	663,212	\$4,032.33	\$13,032.33
NOTES: Break was found by a call that reported water bubbling out of road. Length of time determined by the time of call and soil saturation.										
807 S. Matthias St.	6/3/2022	308700	CIP	8"	1962	15" x 1/32" Split	95 Days	11,418,976	\$69,427.37	\$78,427.37
NOTES: Break was found by noise on hydrant. Length of time determined by the last time tested as the leak never surfaced.										
329 W. Summer St.	6/13/2022	309034	DIP	12"	1970	4" Hole	6 Hours	972,458	\$5,912.54	\$14,912.54
NOTES: Break was found due to a call in by APD. Length of time determined by the amount of water bubbling and road damage.										
1401 W. Homestead Dr.	6/22/2022	309269	DIP	8"	1978	14"x1/4" Split & 1" Hole	30 Days	32,297,135	\$196,366.58	\$205,366.58
NOTES: Break was found due to a call in by resident. Length of time was determined due to resident noticing water a day before time she called in, water running into manhole, and very saturated soil.										
1611 E Fremont St.	6/26/2022	309269	DIP	12"	1971	4" Hole	6 Hours	991,717	\$6,029.64	\$15,029.64
NOTES: Break was found due to water bubbling. Length of time was determined by soil saturation and when the call came in to PD.										

**Water Loss is calculated at the residential rate of \$6.08 per 1000 gallons.

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1610 Schaefer Cir.	6/29/2022	309269	DIP	8"	1971	2" Hole	6 Hours	243,115	\$1,478.14	\$10,478.14
NOTES: Break was found by a call in by a sanitation worker who saw water bubbling. Length of time determined by soil saturation and when it was called in.										

Total Cost =	\$337,246.61
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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.