

WATER MAIN BREAK/ JOINT LEAK REPORT - APRIL

YEARLY WATER MAIN BREAK COMPARISON

<u>APRIL 20</u>	<u>APRIL 21</u>	<u>YTD 20</u>	<u>YTD 21</u>
8	5	37	50

LOCATION	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
2625 Chestwood Ct.	284619	DIP	8"	1972	3" Hole	6 Hours	523,139	\$3,180.69
NOTES: A call came in of water bubbling out of road. Duration is based on time of call and soil saturation.								
1315 N. Superior St.	284745	CIP	6"	Pre 1930	1/32" Crack	105 Days	12,843,000	\$78,085.44
NOTES: Break was found with the Correlator. Duration is based on soil saturation and past water inquires. Water did not surface, must have been running down the duct pack.								
126 W. Foster St.	284957	CIP	6"	1919	1/8" Crack	111 Days	43,784,270	\$266,208.36
NOTES: Break was found with the Correlator. Duration is based on soil saturation and presence of roots growing by pipe. Water did not surface, was running into the sewer pipe and river.								
1225 W. Northland Ave.	284963	CIP	12"	1969	4" Hole	2 Hours	522,590	\$3,177.35
NOTES: A call came in of water bubbling out of road. Duration is based on time of call and soil saturation.								

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

LOCATION	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
Arlington & John	285064	DIP	12"	1974	3" Hole	6 Hours	547,008	\$3,325.81
NOTES: Break was reported by APD. Duration is based on soil saturation & amount of washout.								

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.