

WATER MAIN BREAK/ JOINT LEAK REPORT - MARCH

YEARLY WATER MAIN BREAK COMPARISON

<u>MARCH 20</u>	<u>MARCH 21</u>	<u>YTD 20</u>	<u>YTD 21</u>
10	11	29	45

LOCATION	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
1501 S. Rebecca La.	282952	DIP	8"	1977	1/32" Crack X 4" Split	61 Days	1,583,314	\$9,626.55
NOTES: Break was found with the Correlator. Duration is estimated to be running for a few month as the split was small and never surfaced.								
1215 Jardin Ct.	282956	CIP	6"	1946	1/16" X 16" Split	7 Days	1,708,209	\$10,385.91
NOTES: Break was found as water was bubbling out of the road. Duration is based on soil saturation. Water was running under snow bank and into catch basin .								
201 S. Matthais St.	289090	CIP	8"	1963	5" Hole	4 Hours	1,012,977	\$6,158.90
NOTES: Reported by APD for water bubbling out of road. Duration is based on the amount of soil blow out into the road.								
211 N. Appleton St.	283207	CIP	6"	Pre 1930	1/16" Crack	4 Hours	50,000	\$304.00
NOTES: Break was called in for water bubbling out of the road. Duration is from the time of call till repaired.								

**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**
1631 E. Melrose Ave.	283261	CIP	6"	1953	1/32" Crack	8 Hours	35,309	\$214.68
NOTES: Break was found as water was bubbling out of the road. Crew used past experience to determine duration as it was raining and break was found after the rain stopped.								
839 E. John St.	283332	DIP	8"	1970	3" Hole	4 Hours	449,478	\$2,732.83
NOTES: Reported for water on the road. Duration is based on time of call and soil saturation.								
606 E. Mitchell Ave.	283355	DIP	8"	1978	3" Hole	4 Hours	364,672	\$2,217.21
NOTES: Break was found as water was bubbling out of the road. Duration is based on the amount of gravel/ dirt washed out.								
E. Emmers Dr. & S. Schaefer St.	283356	CIP	8"	1965	5" Hole	5 Hours	1,291,298	\$7,851.09
NOTES: Break was found as water was bubbling out of the road. Duration is based on the amount of gravel/ dirt washed out.								
1525 S. Irma St.	283378	DIP	8"	1977	1/64" Crack	29 Days	2,535,912	\$15,418.34
NOTES: Break was found as water was in the road. Duration is based on soil saturation and resident conversation.								
1621 N. Division St.	283462	CIP	6"	1950's	4" Hole	4 Hours	635,207	\$3,862.06
NOTES: Break was called in for water bubbling out of the road. Duration is from the time of call till repaired.								

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1621 N. Division St.	283510	CIP	6"	1950's	1/16" Crack	12 Hour	133,989	\$814.65
NOTES: Break was found as water was in the road. Duration is based on soil saturation.								

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.