

WATER MAIN BREAK/ JOINT LEAK REPORT - September 2023

YEARLY WATER MAIN BREAK COMPARISON

<u>MONTH 22</u>	<u>MONTH 23</u>	<u>YTD 22</u>	<u>YTD 23</u>
4	14	92	58

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)
1101 S. Schaefer St.	9/2/2023	309269	DIP	12"	1975	3" Hole	4 Hours	378,978	\$2,304.19	\$11,304.19
NOTES: The break was found due to water bubbling. The duration was calculated by the soil saturation and the time broke until it was fixed.										
S.Kensington Dr. & E. College Av.	9/3/2023	309269	DIP	12"	1977	3" Hole	4 days and 2 Hours	2,953,612	\$17,957.96	\$26,957.96
NOTES: The break was found due to a call in. The duration was calculated by the time the person called in and the time the valves were closed.										
1610 Schaefer Cir.	9/6/2023	309269	DIP	8"	1971	4" Hole	4 Hours	710,183	\$4,317.91	\$13,317.91
NOTES: The break was found due to a call in because of water of the road. The duration was calculated by the time of the call in and the amount of sediment washed away.										
1301 W. Homestead Dr.	9/7/2023	309269	DIP	8"	1978	3" Hole	4 Hours	364,672	\$2,217.21	\$11,217.21
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.										
1425 W. Cloverdale Dr.	9/7/2023	309269	DIP	8"	1978	4" Hole	3 Hours	486,229	\$2,956.27	\$11,956.27
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of call and the response time.										

**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)
21 Arbor Lane	9/8/2023	309269	DIP	8"	1978	4" Hole	5 Hours	810,382	\$4,927.12	\$13,927.12
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water										
21 Arbor Lane	9/8/2023	309269	DIP	8"	1978	5" Hole	5 Hours	1,266,222	\$7,698.63	\$16,698.63
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water.										
1610 Schaefer Cir.	9/11/2023	309269	DIP	8"	1971	3" Hole	4 Hours	399,478	\$2,428.83	\$11,428.83
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water bubbling.										
21 Arbor Lane	9/11/2023	309269	DIP	8"	1978	8" x 1/16" Split	3 Days	348,236	\$2,117.27	\$11,117.27
593 The break was found due to noise on the hydrant. The duration was calculated from the date of the last break.										
303 S. Linwood Ave.	9/15/2023	309269	DIP	12"	1980	1/2" Hole	3 Weeks	1,169,795	\$7,112.35	\$16,112.35
NOTES: The break was found due to a call in by the owner of 303 S. Linwood Ave. The duration was calculated by the owner saying it was wet in the terrace for three weeks.										
N. Birchwood Ave. & W. Weiland La	9/21/2023	309269	DIP	8"	1979	3" Hole	3 Hours	278,920	\$1,695.83	\$10,695.83
NOTES: The break was found due to a call in by a resident. The duration was calculated by the time of the call and the amount of water.										
1419 W. Fourth St.	9/21/2023	309269	CIP	8"	1965	1/4" Crack	48 Hours	2,767,665	\$16,827.40	\$25,827.40
NOTES: The break was found due to a call in by a resident. The duration was calculated by the soil saturation and the amount of water.										

**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)
1641 W. Cloverdale Dr.	9/22/2023	309269	DIP	8"	1978	4" Hole	4 Hours	648,305	\$3,941.69	\$12,941.69
NOTES: The break was found due to a call in by a resident. The duration was calculated by the amount of water bubbling.										
1641 W. Cloverdale Dr.	9/23/2023	309269	DIP	8"	1978	3" Hole	3 Hours	273,504	\$1,662.90	\$10,662.90
NOTES: The break was found due to a call in by a resident. The duration was calculated as the crew had just finished repairing another break.										
									Total Cost =	\$204,165.58

*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.