

## WATER MAIN BREAK/ JOINT LEAK REPORT -

### YEARLY WATER MAIN BREAK COMPARISON

<u>MONTH 21</u>	<u>MONTH 22</u>	<u>YTD 21</u>	<u>YTD 22</u>
24	9	122	108

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* <small>(Water Costs + Repair Costs)</small>
E. Newberry St./N. White Oak Dr.	11/1/2022	309269	CIP	8"	1964	1/32" Crack, 12" Split	154 Days	13,407,100	\$81,515.17	\$90,515.17
NOTES: The break was found by correlating. The duration was calculated by the last time the hydrant was tested.										
140 Ramlen Ct.	11/20/2022	309269	CIP	6"	1957	1/8" Crack, 3/4" Hole	4 Hours	113,960	\$692.88	\$9,692.88
NOTES: The break was found due to a call in by a resident. The duration was calculated by the amount of water bubbling and the mud on the road.										
Meade St./Marquette St.	11/21/2022	309269	CIP	6"	1951	1/8" Crack	8 Hours	192,966	\$1,173.23	\$10,173.23
NOTES: The break was found due to a call in by a resident. The duration was calculated by the amount of water and the time of the resident's call.										
19 Linden La.	11/22/2022	309269	CIP	8"	1969	1/8" Crack	8 Hours	243,115	\$1,478.14	\$10,478.14
NOTES: The break was found due to a call in by a resident. The duration was calculated by the amount of water and the time of the resident's call.										
Witzke Boulevard	11/23/2022	309269	CIP	8"	1971	1/16" Crack	4 Hours	145,869	\$886.88	\$9,886.88
NOTES: The break was found due to water surfacing in the road. The duration was calculated by the soil saturation and the time the water surfacing was called in.										

\*\*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)
Witzke Boulevard	11/23/2022	309269	CIP	8"	1971	1/8" Crack	4 Hours	137,526	\$836.16	\$9,836.16
NOTES: The break was found due to a call in by a resident. The duration was calculated by the amount of water and the time of the resident's call.										
1617 W. Cloverdale Dr.	11/25/2022	309269	DIP	8"	1978	4" Hole	4 Hours	648,305	\$3,941.69	\$12,941.69
NOTES: The break was found due to water bubbling above ground. The duration was calculated from the time we became aware of the break until it was repaired.										
2116 N Birchwood Ave.	11/28/2022	309269	CIP	8"	1964	8" Split, 1/32" Crack	138 Days	7,847,620	\$47,713.53	\$56,713.53
NOTES: The break was found by correlating. The duration was calculated by the soil saturation, the water under the roadways, and the last time the hydrant was tested.										
2200 S. Greenview St.	11/29/2022	309269	CIP	8"	1955	1/8" Crack, 1" Hole	5 Hours	221,932	\$1,349.35	\$10,349.35
NOTES: The break was found due to a call in by a resident. The duration was calculated by the amount of water bubbling and the time of the call.										
									<b>Total Cost =</b>	<b>\$220,587.03</b>

\*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.