

## WATER MAIN BREAK/ JOINT LEAK REPORT - OCTOBER

### YEARLY WATER MAIN BREAK COMPARISON

MONTH 21	MONTH 22	YTD 21	YTD 22
10	7	98	99

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>
W. Marquette St.	10/8/2022	309269	CIP	8"	1962	6" Hole	3 Hours	978,517	\$5,949.38	\$14,949.38
NOTES: The break was found due to the water on the road. The duration was calculated by the time of the call and the soil saturation.										
S. Maplecrest Dr.	10/10/2022	309269	CIP	6"	1957	3" Hole	2 Hours	141,000	\$857.28	\$9,857.28
NOTES: The break was found due to the water on the road. The duration was calculated by the time the hydrant was flushed as the break occurred right after flushing the hydrant.										
W. Marquette St./N Gillett St.	10/11/2022	309269	CIP	8"	1962	4" Hole	5 Hours	724,828	\$4,406.95	\$13,406.95
NOTES: The break was found due to the water on the road. The duration was calculated by the time of the call and the soil saturation.										
2037 W. Marquette St.	10/17/2022	309269	CIP	8"	1962	1/32" Crack, 10" Split	290 Days	940,905	\$5,720.70	\$14,720.70
NOTES: The break was found by correlating. The duration was calculated by the soil saturation as the water never surfaced.										
404 W. Lindbergh St.	10/18/2022	309269	CIP	8"	1958	1/16" Crack	4 Hours	50,851	\$309.17	\$9,309.17
NOTES: The break was found due to water bubbling out of the road. The duration was cacluation due to the soil saturation and the time the break was reported.										

\*\*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)
87 Ramlen Ct.	10/19/2022	309269	CIP	6"	1957	5" Hole	30 Minutes	113,254	\$688.58	\$9,688.58
NOTES: The break was found while compacting the trench after a valve rebuild. The duration was calculated as the main broke while fixing a valve and was shut it off right away.										
Superior St N/O Pacific St.	10/31/2022	309269	CIP	6"	Pre-1930	14" x 1/16" split	7 Days	1,271,843	\$7,732.81	\$16,732.81
NOTES: The break was found due to a call in by resident. The duration was calculated by water running down fiber pack and when the resident first noticed it.										
									<b>Total Cost =</b>	<b>\$88,664.88</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.