

WATER MAIN BREAK/ JOINT LEAK REPORT - SEPTEMBER

YEARLY WATER MAIN BREAK COMPARISON

MONTH 21	MONTH 22	YTD 21	YTD 22
5	4	88	92

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>
Natures Way	9/6/2022	309269	DIP	36"	1999	1/8" Hole & 2" Hole	248 Days	1,738,000	\$10,567.04	\$19,567.04
NOTES: Break was found by water on the road. The duration was calculated by going back to the beginning of the year due to the condition of the pipe.										
2101 Schaefer Cir.	9/8/2022	309269	DIP	8"	1979	1/32 Crack, 1-1/2" Split	7 Days	76,177	\$463.16	\$9,463.16
NOTES: Break was found by the water coming up in terrace. The duration was calculated by the soil saturation.										
Natures Way	9/21/2022	309269	DIP	36"	1999	3" Hole	24 Hours	500,000	\$3,040.00	\$12,040.00
NOTES: Break was found due to the water on the road. The duration was calculated based on when Hyd # 3327 was flushed compared to when Street Dept. saw water on road.										
72 Ramlen Ct.	9/29/2022	309269	CIP	6"	1957	1/64" Crack	128 days	7,629,925	\$46,389.94	\$55,389.94
NOTES: Break was found due to correlation. The duration was calculated by the date of the last hydrant test since the leak never surfaced and was running into a gravel trench										

Total Cost =	\$96,460.14
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*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.