

## WATER MAIN BREAK/ JOINT LEAK REPORT - FEBRUARY 2021

### YEARLY WATER MAIN BREAK COMPARISON

<u>FEB. 20</u>	<u>FEB. 21</u>	<u>YTD 20</u>	<u>YTD 21</u>
8	17	19	34

LOCATION	WORK ORDER	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	DOLLAR VALUE OF WATER REVENUE LOSS**
1515 N. Durkee St.	281682	CIP	6"	1924	1/64" Crack & 4" Hole	4 Hours	1,605,569	\$9,761.86
NOTES: Reported by the Police Dept. Noise was heard on hydrant 2 weeks prior for the crack then it blew a hole.								
1308 N. Durkee St.	281766	CIP	8"	1964	1/64" Crack X 10" Split	8 Hours	11,213	\$68.18
NOTES: Crew found when snow plowing and hit water. Duration is based on soil saturation and time of call till fixed								
1332 W. Pershing St.	282023	CIP	8"	1969	1/4" Crack	4 Hours	228,062	\$1,386.62
NOTES: Call came in of water bubbling out of road. Duration is based on time of call.								
919 S. Mathias St.	282024	CIP	8"	1962	1/32" Crack	6 Hours	47,372	\$288.02
NOTES: Resident called break in. Duration is based on time of call till fixed.								

\*\*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**
Orange St. & Monroe St.	282022	CIP	6"	1967	3" & 5" Holes	4 Hours	1,262,636	\$7,676.83
NOTES: Reported by the Police Dept. Duration is based on time of call till fixed.								
2109 N. Division St.	282062	CIP	6"	1946	1/32" Crack	4 Hours	20,386	\$123.95
NOTES: Reported by the Police Dept. Duration is based on time of call till fixed.								
1606 S. Memorial Dr.	282063	CIP	8"	1928	1/32" Crack	3.5 Hours	30,000	\$182.40
NOTES: Break was found as water was bubbling out of the road. Duration is based on camera footage.								
W. Eighth St & Linwood Ave.	282100	CIP	6"	1945	2" Hole	2 Hours	154,717	\$940.68
NOTES: Break was found by driving by and found water bubbling out of road. Duration is based on time of discovery and soil saturation.								
Carpenter St. & Fremont St.	282222	DIP	12"	1973	5" Hole	3 Hours	705,547	\$4,289.73
NOTES: Call came in of water bubbling out of sidewalk. Duration is based on time of call.								

\*\*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**
John St.	282224	DIP	12"	1975	3" Hole	6 Hours	518,937	\$3,155.14
NOTES: Break was found as water was on the road. Duration was based on the amount of ice on the road.								
Richmond St. & Parkway Blvd.	282277	CIP	6"	1950-1959	1/4" Crack	4 Hours	103,145	\$627.12
NOTES: Break called in as water was in the road. Duration is based on time of call and soil saturation.								
1729 N. Elinor St.	282339	CIP	6"	1956	1/8" Crack	5 Hours	111,657	\$678.87
NOTES: Break was found as water was bubbling out of terrace. Duration is based on soil saturation.								
551 N. Story St.	282431	CIP	6"	1930	4" Hole	4 Hours	520,000	\$3,161.60
NOTES: Break was found as water was coming out of the road.								
N. Lawe St. & E. North St.	282472	CIP	6"	1913	30" X 1/32" Split	8 Hours	58,401	\$355.08
NOTES: Water bubbling in the road was reported by a resident. Duration is based on the soil saturation and gravel trench created.								

\*\*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**
219 N. Linwood Ave.	282473	DIP	12"	1972	5" Hole	4 Hours	928,409	\$5,644.73
NOTES: Break was called in my resident for water bubbling in the street. Duration was based on the amount of mud that was blown onto road.								
Harriman St. & Glendale Ave.	282651	CIP	8"	1945	1/32" Crack	4 Hours	27,181	\$165.26
NOTES: Break was called in my resident. Duration is based on the time the call came in till it was fixed.								
Ramlan Ct.	282701	CIP	6"	1957	4" Hole	4 Hours	648,305	\$3,941.69
NOTES: Break was called in by APD as water was in the road. Duration is based on the amount of mud on the road.								

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.