

WATER SUMMARY FOR NOVEMBER 2014

Work done by Construction Maintenance				
	Nov 13	Nov 14	YTD 13	YTD 14
Hydrants repaired	13	4	195	128
Hydrants replaced	0	1	3	3
Hydrant leaks	0	0	1	0
Valves replaced	2	0	4	6
Valves tested & inspected	0	0	869	0
Valves Rebuilt	1	0	24	22
Valve boxes repaired	8	5	161	164
Curb boxes repaired	17	7	200	235
Curb boxes replaced	46	3	235	229
Lead or galvanized replaced	2	0	24	5
New services 1"	0	0	2	1
New services >1"	0	0	6	8
Water main breaks	9	17	79	134
Joint leaks repaired	0	0	3	1
Water quality	3	0	17	14
Service leaks (City side)	0	0	3	3
Work done by Meter Service Team				
	Nov 13	Nov 14	YTD 13	YTD 14
New accounts set with 3/4" or 1"	14	5	218	58
New accounts set with larger meter	0	0	1	2
Meters tested	17	373	379	3636
Meters failed	0	0	2	3
Meters stalled	3	0	28	3
Service calls	68	188	1138	1492
Final readings	306	248	3741	3625
Read meters - no reading	32	0	180	205
Defective trace replaced	6	0	10	0
Exception meters inspected	0	0	0	2
Exception meters removed	0	0	1	1
Service leaks found	0	0	3	10
Cross connection inspections	0	383	0	3154

**WATER MAIN BREAK/Joint LEAK REPORT NOVEMBER
2014**

LOCATION	Work Order	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	ESTIMATED DOLLAR VALUE OF WATER REVENUE LOSS**
2225 N. Gillett Street	184196	CIP	8"	1962	1/16" crack	6 hours	91,200	\$554.76
120 S. Summit Street	184313	CIP	8"	1966	4" hole	4 hours	640,000	\$3,893.05
1625 E. Pershing Street	184318	CIP	8"	1960	1/16" crack	8 hours	121,600	\$739.68
137 S. Buchanan Street	184325	CIP	12"	1961	4"x32" hole	4 hours	4,902,912	\$29,823.86
1237 W. Taylor Street	184379	CIP	8"	1957	1/16" crack	6 hours	91,200	\$554.76
Newberry Street/Kensington Drive	184458	CIP	12"	1963	1/32" crack & 12" split	14 days	1,206,576	\$7,339.47
1517 Hickory Court	184457	CIP	6"	1956	1/16" crack	6 hours	68,400	\$416.07
705 E. Greenfield Street	184456	CIP	8"	1961	1/16" crack	6 hours	91,200	\$554.76
1020 E. Randall Avenue	184534	CIP	6"	1949	1/16" crack	6 hours	68,400	\$416.07

***Water loss is calculated at the residential rate of \$4.55 per 100 cubic feet.

**WATER MAIN BREAK/JOINT LEAK REPORT NOVEMBER
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LOCATION	Work Order	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	ESTIMATED DOLLAR VALUE OF WATER REVENUE LOSS**
1912 S. Memorial Drive	184581	CIP	6"	1928	1/16" crack	6 hours	68,400	\$416.07
1000 Blk S. East Street	184582	CIP	8"	1965	1/16" crack	6 hours	91,200	\$554.76
Kay Street/Graceland Avenue	184645	CIP	6"	1954	1/16" crack	6 hours	68,400	\$416.07
1233 E. Pauline Street	184650	CIP	8"	1964	1/2" crack & 87" split	4 hours	1,666,224	\$10,135.45
1206 E. South River Street	184734	CIP	8"	1961	1/16" crack	6 hours	91,200	\$554.76
303 N. Rankin Street	184839	CIP	6"	1922	1/16"	8 hours	121,600	\$739.68
1233 E. Pauline Street	184838	CIP	8"	1964	1/16"	6 hours	91,200	\$554.76
Meade Street/ Hwy 41	184916	CIP	12"	1975	3" hole	8 hours	720,000	\$4,379.68

**Water loss is calculated at the residential rate of \$4.55 per 100 cubic feet.

**WATER MAIN BREAK/JOINT LEAK DATA LOG NOVEMBER
2014**

Leak Location	Arterial, Collector, Freeway, Local	Type of Street Concrete/Asphalt	Major Break Minor Break	Catch Basin Draining Yes/No	Date/Time	Comments
2225 N. Gillett Street	Local	Asphalt	Major	Yes 125' away	11/9/2014 8:00 p.m. Sunday	Fixed right away. Resident's sump pump was running every 3 to 5 minutes from the main break.
120 S. Summit Street	Local	Asphalt	Started Minor/Ended Major	Yes 150' away	11/12/2014 8:00 a.m. Wednesday	Started as a slow leak. We let it run in order to repair other main breaks. The break became much worse.
1625 E. Pershing Street	Arterial	Concrete	Major	Yes 200' away	11/12/2014 10:00 a.m. Wednesday	Fixed right away. A lot of water.
137 S. Buchanan Street	Local	Concrete	Major	Yes 250' away	11/12/2014 12:00 p.m. Wednesday	Fixed right away. A lot of water causing damage.
1237 W. Taylor Street	Local	Concrete	Major	Yes 200' away	11/13/2014 11:00 a.m. Thursday	Fixed during normal work hours.
Newberry Street/ Kensington Drive	Collector	Asphalt	Major	Yes 100' away	11/14/2014 4:00 p.m. Friday	Fixed right away. This is a busy street with a history of bad main breaks causing traffic hazards. Property owner's sump pump was running for two weeks. The pump was wearing out from over use.

**WATER MAIN BREAK/JOINT LEAK DATA LOG NOVEMBER
2014**

Leak Location	Arterial, Collector, Freeway, Local	Type of Street Concrete/Ashpalt	Major Break Minor Break	Catch Basin Draining Yes/No	Date/Time	Comments
1517 Hickory Court	Local	Concrete	Major	Yes 100' away	11/15/2014 4:00 a.m. Saturday	Fixed right away.
705 E. Greenfield Street	Local	Concrete	Major	Yes 300' away	11/15/2014 7:00 p.m. Saturday	Fixed right away. A lot of water.
1020 E. Randall Avenue	Local	Concrete	Major	Yes 200' away	11/17/2014 4:00 p.m. Monday	Fixed right away. Water was running toward Wisconsin Avenue and icing up.
1912 S. Memorial Drive	Arterial/Collector	Ground	Major	Yes 200' away	11/19/2019 1:00 a.m. Wednesday	Fixed right away. Ice was creating a hazard on a very busy street.
1000 Blk S. East Street	Local	Concrete	Major	Yes 130' away	11/19/2014 1:30 a.m. Wednesday	Fixed as soon as we could. The crew was already working on another break. Water was running down the hill to E. South River Street.
Kay Street/ Graceland Avenue	Local	Asphalt	Major	Yes 25' away	11/19/2014 9:00 a.m. Wednesday	Fixed right away.

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Leak Location	Arterial, Collector, Freeway, Local	Type of Street Concrete/Ashpalt	Major Break Minor Break	Catch Basin Draining Yes/No	Date/Time	Comments
1233 E. Pauline Street	Local	Concrete	Major	Yes 200' away	11/20/2014 6:00 a.m. Thursday	Fixed right away during normal work hours. A lot of water causing property damage.
1206 E. South River Street	Collector	Concrete	Major	Yes 175' away	11/23/2014 1:00 p.m. Sunday	Fixed right away.
303 N. Rankin Street	Collector	Concrete	Major	Yes 50' away	11/25/2014 1:30 a.m. Tuesday	Fixed right away.
1233 E. Pauline Street	Local	Concrete	Major	Yes 25' away	11/25/2014 8:00 a.m. Tuesday	Fixed right away during normal work hours.
Meade Street/ Hwy 41	Arterial/Collector	Terrace	Major	No	11/27/2014 9:00 a.m. Thursday	Fixed right away. Water was flooding a back yard.