

**WATER SUMMARY FOR MARCH 2014**

<b>Work done by Construction Maintenance</b>				
	<b>Mar 13</b>	<b>Mar 14</b>	<b>YTD 13</b>	<b>YTD 14</b>
Hydrants repaired	7	3	27	22
Hydrants replaced	0	0	1	0
Hydrant leaks	0	0	0	0
Valves replaced	0	0	0	2
Valves tested & inspected	0	0	0	0
Valves Rebuilt	2	3	6	6
Valve boxes repaired	0	0	9	0
Curb boxes repaired	0	0	2	0
Curb boxes replaced	2	0	23	26
Lead or galvanized replaced	0	0	0	0
New services 1"	1	0	1	0
New services >1"	2	0	2	0
Water main breaks	11	28	46	71
Joint leaks repaired	1	0	2	1
Water quality	0	0	2	1
Service leaks (City side)	1	0	2	1
<b>Work done by Meter Service Team</b>				
	<b>Mar 13</b>	<b>Mar 14</b>	<b>YTD 13</b>	<b>YTD 14</b>
New accounts set with 3/4" or 1"	13	2	40	6
New accounts set with larger meter	0	1	0	2
Meters tested	14	71	51	238
Meters failed	1	0	1	0
Meters stalled	4	2	11	2
Service calls	130	175	356	431
Final readings	248	274	702	731
Read meters - no reading	29	51	61	126
Defective trace replaced	0	0	0	0
Exception meters inspected	0	0	0	0
Exception meters removed	0	0	0	1
Service leaks found	0	0	2	5
Batteries changed	25	0	54	0

**WATER MAIN BREAK/JOINT LEAK REPORT MARCH  
2014**

LOCATION	Work Order	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	ESTIMATED DOLLAR VALUE OF WATER REVENUE LOSS**
1225 W. Taylor Street	173647	CIP	8"	1957	Two 2" holes	6 hours	960,000	\$5,839.57
1924 N. Richmond Street	173700	CIP	8"	Unknown	4" hole	9 days	34,560,000	\$210,224.60
1717 E. Calumet Street	173701	CIP	12"	1965	4" hole	6 hours	960,000	\$5,839.57
505 S. Pierce Avenue	173702	CIP	6"	1924	3" hole	6 hours	540,000	\$3,284.76
400 Blk W. Lawrence Street	173737	CIP	6"	Unknown	1/4" crack	2 days	2,068,416	\$12,581.94
1919 E. Melrose Avenue	173738	CIP	6"	1953	3" hole	8 hours	720,000	\$4,379.68
918 E. Glendale Avenue	173749	CIP	8"	1952	3" hole	6 hours	540,000	\$3,284.76
Warehouse Road/Kensington Drive	173750	DIP	8"	1978	3" hole	6 hours	540,000	\$3,284.76
1619 S. Carver Lane	173805	CIP	6"	1952	3" hole	6 hours	540,000	\$3,284.76
1031 W. Frances Street	173823	CIP	8"	1955	1/16" crack	6 hours	91,200	\$554.76

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

**WATER MAIN BREAK/JOINT LEAK REPORT MARCH  
2014**

LOCATION	Work Order	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	ESTIMATED DOLLAR VALUE OF WATER REVENUE LOSS**
Bona Avenue/Fidelis Street	173869	CIP	8"	1978	Hair line crack	70 days	672,000	\$4,087.70
702 N. Lawe Street	173911	CIP	8"	1913	3" hole	3 hours	270,000	\$1,642.38
Atlantic Street/Bateman Street	174058	CIP	6"	1938	1/16" crack	6 hours	68,400	\$416.07
115 S. State Street	174059	CIP	6"	1940	3" hole	1 day	2,160,000	\$13,139.04
1029 W. Brewster Street	174060	CIP	6"	1940	3" hole	6 hours	540,000	\$3,284.76
1411 W. Summer Street	174118	CIP	6"	1933	1/16" crack	6 hours	68,400	\$416.07
Walden Avenue/Taft Avenue	174117	CIP	8"	1968	3" hole	6 hours	540,000	\$3,284.76
2709 S. Walden Avenue	174172	CIP	8"	1968	6" long hair line crack	78 days	748,800	\$4,554.87
327 E. North Street	174226	CIP	6"	Unknown	3" hole	6 hours	540,000	\$3,284.76
700 Blk W. Kamps Avenue	174229	CIP	6"	1940	1/16" crack	6 hours	68,400	\$416.07
717 W. Prospect Avenue	174444	CIP	8"	1933	1/16" crack	2 days	364,800	\$2,219.04

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**WATER MAIN BREAK/JOINT LEAK REPORT MARCH  
2014**

LOCATION	Work Order	TYPE OF PIPE	SIZE	YEAR	BREAK	ESTIMATED DURATION	ESTIMATED WATER LOSS IN GALLONS	ESTIMATED DOLLAR VALUE OF WATER REVENUE LOSS**
2923 Peach Tree Lane	174515	CIP	8"	1969	1/16" crack	7 days	2,553,600	\$15,533.26
1525 W. Commercial Street	174570	CIP	8"	1935	1/16" crack	6 hours	91,200	\$554.76
1631 S. Lynndale Drive	174623	CIP	6"	1961	1/16" crack	27 days	9,849,600	\$59,914.01
1301 W. Homestead Drive	174666	DIP	8"	1978	3" hole	4 hours	360,000	\$2,189.84
1916 E. Lourdes Drive	174686	DIP	12"	1975	3" hole	6 hours	540,000	\$3,284.76
2523 S. Madison Street	174687	DIP	6"	1972	3" hole	4 hours	360,000	\$2,189.84
2807 N. Ballard Road	174688	DIP	12"	1971	3" hole	4 hours	360,000	\$2,189.84

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

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

Leak Location	Arterial, Collector, Freeway, Local	Type of Street Concrete/Asphalt	Major Break Minor Break	Catch Basin Draining Yes/No	Date/Time	Comments
1225 W. Taylor Street	Local	Asphalt	Major	Yes 50' & 500' away	3/5/2014 1:00 p.m. Wednesday	Fixed right away. A lot of water causing terrace damage and flooding.
1924 N. Richmond Street	Arterial/Collector	Concrete	Major	No	3/6/2014 7:00 p.m. Thursday	Fixed right away. We were searching for this leak for several days as the water was not coming to the surface.
1717 E. Calumet Street	Arterial/Collector	Concrete	Major	Yes 500' away	3/7/2014 2:00 a.m. Friday	Fixed right away. The parking lot for the mini mall was completely flooded and it was creating a huge mess on Calumet Street.
505 S. Pierce Avenue	Local	Asphalt	Major	Yes 200' & 800' away	3/7/2014 7:00 a.m. Friday	Fixed right away during normal work hours. Making a mess.
400 Blk W. Lawrence Street	Arterial	Concrete	Major	Yes 400' away	3/8/2014 5:00 a.m. Saturday	Fixed right away. There was a lot of water.
1919 E. Melrose Avenue	Local	Asphalt	Major	Yes 100' away	3/8/2014 8:00 a.m. Saturday	Fixed right away. A lot of water making a mess and causing road damage.

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

Leak Location	Arterial, Collector, Freeway, Local	Type of Street Concrete/Ashpalt	Major Break Minor Break	Catch Basin Draining Yes/No	Date/Time	Comments
918 E. Glendale Avenue	Arterial	Asphalt	Major	Yes 100' away	3/9/2014 12:00 p.m. Sunday	Fixed right away. A lot of water on a busy street by the hospital.
Warehouse Road/Kensington Drive	Arterial	Concrete	Major	Yes 200' away	3/10/2014 7:00 a.m. Monday	Fixed right away. A lot of water.
1619 S. Carver Lane	Local	Asphalt	Major	Yes 300' & 600' away	3/10/2014 12:00 p.m. Monday	Fixed right away. A lot of water causing property damage and making a mess.
1031 W. Frances Street	Local	Asphalt	Major	Yes 20' away	3/10/2014 9:00 p.m. Monday	Fixed right away. A lot of water.
Bona Avenue/ Fidells Street	Local	Concrete	Minor	No	3/11/2014 1:00 p.m. Tuesday	Road heaved several months ago but there was no water coming to the surface and no leak was found when we drilled. Dug a hole when caught up with other work and found the leak.
702 N. Laws Street	Arterial	Concrete	Major	Yes 25' away	3/12/2014 2:00 p.m. Wednesday	Fixed right away. A busy street with a lot of water.

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

Leak Location	Arterial, Collector, Freeway, Local	Type of Street Concrete/Asphalt	Major Break Minor Break	Catch Basin Draining Yes/No	Date/Time	Comments
Atlantic Street/ Bateman Street	Local	Asphalt	Major	Yes 30' away	3/15/2014 8:20 a.m. Saturday	Fixed right away. A lot of water on road and sidewalk.
115 S. State Street	Arterial	Concrete	Major	No	3/17/2014 7:00 a.m. Monday	Fixed during normal work hours. Not much water coming to the surface. There was a lot of water going somewhere as it was a 3" hole running for a long time. There was no frost in the ground.
1029 W. Brewster Street	Local	Asphalt	Major	Yes 300' away	3/17/2014 7:00 a.m. Monday	Fixed right away during normal work hours. A lot of water.
1411 W. Summer Street	Local	Concrete	Major	Yes 200' away	3/17/2014 3:45 p.m. Monday	Fixed right away. Making a mess.
Walden Avenue/ Taft Avenue	Local	Concrete	Major	Yes 25' away	3/18/2014 8:00 a.m. Tuesday	Fixed right away. A lot of water.
2709 S. Walden Avenue	Local	Concrete	Minor	No	3/19/2014 7:00 a.m. Wednesday	Fixed right away. Frost heave leaking for a long time. No water coming to the surface.

					3/20/2014	
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**WATER MAIN BREAK/JOINT LEAK DATA LOG MARCH  
2014**

Leak Location	Arterial, Collector, Freeway, Local	Type of Street Concrete/Ashpalt	Major Break Minor Break	Catch Basin Draining Yes/No	Date/Time	Comments
327 E. North Street	Local	Concrete	Major	Yes 200' away	7:00 a.m. Thursday	Fixed right away during normal work hours.
700 Blk W. Kamps Avenue	Local	Concrete	Minor	Yes 200' away	3/20/2014 7:00 a.m. Thursday	Fixed right away during normal work hours.
717 W. Prospect Avenue	Arterial	Concrete	Minor	No	3/25/2014 12:00 a.m. Tuesday	Let run and fixed during normal work hours.
2923 Peach Tree Lane	Local	Concrete	Major	Yes 10' away	3/25/2014 1:00 p.m. Tuesday	Fixed right away. Water was running into catch basin and not coming to the surface. Homeowner could hear water running for about a week.
1525 W. Commercial Street	Local	Asphalt	Major	Yes 200' away	3/26/2014 10:00 a.m. Wednesday	Fixed during normal work hours.
1631 S. Lynndale Drive	Local	Concrete	Major	No	3/27/2014 8:00 a.m. Thursday	Fixed the next day during normal work hours. Found the leak while testing hydrants. No water coming to the surface. Had been leaking a long time.

					3/28/2014 1:00 p.m.	
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**WATER MAIN BREAK/JOINT LEAK DATA LOG MARCH  
2014**

Leak Location	Arterial, Collector, Freeway, Local	Type of Street Concrete/Ashpalt	Major Break Minor Break	Catch Basin Draining Yes/No	Date/Time	Comments
1301 W. Homestead Drive	Collector	Concrete	Major	Yes 200' away	Friday	Fixed right away. A lot of water.
1916 E. Lourdes Drive	Collector	Concrete	Major	Yes 30' away	3/29/2014 9:00 a.m. Saturday	Fixed right away. A lot of water.
2523 S. Madison Street	Local	Concrete	Major	Yes 175' away	3/29/2014 2:00 p.m. Saturday	Fixed right away. A lot of water and mud.
2807 N. Ballard Road	Arterial	Concrete	Major	Yes 180' away	3/30/2014 6:30 p.m. Sunday	Fixed right away. A lot of water on a busy street.