

WATER SUMMARY FOR FEBRUARY 2014

| Work done by Construction Maintenance | | | | |
|--|----------------------|----------------------|----------------------|----------------------|
| | <u>Feb 13</u> | <u>Feb 14</u> | <u>YTD 13</u> | <u>YTD 14</u> |
| Hydrants repaired | 11 | 5 | 20 | 19 |
| Hydrants replaced | 0 | 0 | 1 | 0 |
| Hydrant leaks | 0 | 0 | 0 | 0 |
| Valves replaced | 0 | 1 | 0 | 2 |
| Valves tested & inspected | 0 | 0 | 0 | 0 |
| Valves Rebuilt | 0 | 1 | 4 | 3 |
| Valve boxes repaired | 5 | 0 | 9 | 0 |
| Curb boxes repaired | 0 | 0 | 2 | 0 |
| Curb boxes replaced | 1 | 6 | 21 | 26 |
| Lead or galvanized replaced | 0 | 0 | 0 | 0 |
| New services 1" | 0 | 0 | 0 | 0 |
| New services >1" | 0 | 0 | 0 | 0 |
| Water main breaks | 14 | 23 | 35 | 43 |
| Joint leaks repaired | 0 | 1 | 1 | 1 |
| Water quality | 0 | 0 | 2 | 1 |
| Service leaks (City side) | 1 | 0 | 1 | 1 |
| | | | | |
| Work done by Meter Service Team | | | | |
| | <u>Feb 13</u> | <u>Feb 14</u> | <u>YTD 13</u> | <u>YTD 14</u> |
| New accounts set with 3/4" or 1" | 1 | 3 | 27 | 4 |
| New accounts set with larger meter | 0 | 1 | 0 | 1 |
| Meters tested | 18 | 69 | 37 | 167 |
| Meters failed | 0 | 0 | 0 | 0 |
| Meters stalled | 4 | 0 | 7 | 0 |
| Service calls | 101 | 104 | 226 | 256 |
| Final readings | 235 | 206 | 454 | 457 |
| Read meters - no reading | 23 | 29 | 32 | 75 |
| 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 | 2 | 2 | 5 |
| Batteries changed | 9 | 0 | 29 | 0 |

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

| LOCATION | Work Order | TYPE OF PIPE | SIZE | YEAR | BREAK | ESTIMATED DURATION | ESTIMATED WATER LOSS IN GALLONS | ESTIMATED DOLLAR VALUE OF WATER REVENUE LOSS** |
|---------------------------------|------------|--------------|------|---------|-------------------|--------------------|---------------------------------|--|
| Hall Avenue/Randall Avenue | 172119 | CIP | 6" | 1950 | 1/16" crack | 6 hours | 68,400 | \$416.07 |
| Cardinal Place/Canterbury Drive | 172251 | CIP | 8" | 1967 | 1/16" crack | 6 hours | 91,200 | \$554.76 |
| 1213 S. Telulah Avenue | 172303 | CIP | 6" | 1951 | 3" hole | 4 hours | 360,000 | \$2,189.84 |
| 215 E. Winnebago Street | 172301 | CIP | 4" | Unknown | 1/16" crack | 6 hours | 45,600 | \$277.38 |
| Edgemere Drive/Canterbury Drive | 172350 | CIP | 8" | 1967 | 4" hole | 2 hours | 320,000 | \$1,946.52 |
| Jardin Street/Nawada Court | 172348 | CIP | 6" | 1951 | 1/16" crack | 6 hours | 68,400 | \$416.07 |
| Oklahoma Street/Mason Street | 172352 | CIP | 6" | 1928 | 1/16" crack | 6 hours | 68,400 | \$416.07 |
| 731 E. South River Street | 172427 | CIP | 8" | 1946 | 1/16" crack | 6 hours | 91,200 | \$554.76 |
| Horizon Drive/Regal Terrace | 172429 | DIP | 8" | 1979 | Broken valve head | 12 hours | 182,400 | \$1,109.52 |
| 420 E. Longview Drive | 172587 | CIP | 8" | 1961 | 1/16" crack | 6 hours | 91,200 | \$554.76 |

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

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|----------------------------------|------------|--------------|------|-------|---------------------------------|--------------------|---------------------------------|--|
| Park Drive Lane/Windfield Place | 172658 | DIP | 8" | 1977 | 4" hole | 2 hours | 320,000 | \$1,946.52 |
| Harriet Street/Walter Avenue | 172697 | CIP | 6" | 1962 | 3"x5" hole | 3 hours | 480,000 | \$2,919.79 |
| 1221 W. Oklahoma Street | 172696 | CIP | 8" | 1928 | 1/16" crack & 1/4" dropped pipe | 6 hours | 91,200 | \$554.76 |
| 2418 Crestview Drive | 172694 | CIP | 8" | 1961 | 1/16" crack | 6 hours | 91,200 | \$554.76 |
| 2201 N. Elinor Street | 172695 | CIP | 8" | 1978 | 1/16" crack | 6 hours | 91,200 | \$554.76 |
| David Street/Service Road | 172941 | CIP | 8" | 1969 | 13" split | 6 hours | 46,683 | \$283.97 |
| Carpenter Street/Dennison Street | 173007 | CIP | 6" | 1947 | 12"x1" hole | 6 hours | 689,472 | \$4,193.98 |
| 539 E. Sylvan Avenue | 173078 | DIP | 6" | 1978 | Joint leak | 7 days | 302,400 | \$1,839.47 |
| Pierce Avenue/Front Street | 173092 | CIP | 8" | 1956 | 1/16" crack | 6 hours | 91,200 | \$554.76 |
| 100 Blk W. Harris Street | 173127 | CIP | 6" | 1930? | 1/16" crack | 6 hours | 68,400 | \$416.07 |
| 2301 N. Outagamie Street | 173128 | CIP | 8" | 1961 | 1/16" crack | 55 days | 20,548,000 | \$124,991.18 |

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|--------------------------|------------|--------------|------|------|-------------|--------------------|---------------------------------|--|
| 231 S. Matthias Street | 173272 | CIP | 8" | 1963 | 1/16" crack | 6 hours | 91,200 | \$554.76 |
| 2519 N. Elmwood Court | 173273 | CIP | 8" | 1961 | 1/16" crack | 6 hours | 91,200 | \$554.76 |
| 2641 S. Carpenter Street | 173401 | CIP | 8" | 1968 | 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 DATA LOG FEBRUARY
2014**

| Leak Location | Arterial, Collector, Freeway, Local | Type of Street Concrete/Ashpalt | Major Break Minor Break | Catch Basin Draining Yes/No | Date/Time | Comments |
|-------------------------------------|-------------------------------------|---------------------------------|----------------------------|-----------------------------|------------------------------------|---|
| Hall Avenue/ Randall Avenue | Collector | Concrete | Minor | Yes 10' away | 2/3/2014 9:00 a.m. Monday | Fixed during normal work hours. Water was freezing and making a mess. |
| Cardinal Place/ Canterbury Drive | Local | Concrete | Major | Yes 200' away | 2/3/2014 6:30 p.m. Monday | Fixed right away. Ice was building up on the road. |
| 1213 S. Telulah Avenue | Arterial | Concrete | Minor | Yes 50' away | 2/4/2014 10:00 a.m. Tuesday | Fixed right away. There was a lot of water. |
| 215 E. Winnebago Street | Local | Asphalt | Minor | Yes 150' away | 2/4/2014 2:00 p.m. Tuesday | Fixed during normal work hours. |
| Edgemere Drive/ Canterbury Drive | Local | Concrete | Major | Yes 400' away | 2/5/2014 9:00 a.m. Wednesday | Fixed right away. Making a mess. |
| Jardin Street/ Nawada Court | Local | Concrete | Major | Yes 10' away | 2/5/2014 1:00 p.m. Wednesday | Fixed right away. Making a large mess. |

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

| Leak Location | Arterial, Collector, Freeway, Local | Type of Street Concrete/Ashpalt | Major Break Minor Break | Catch Basin Draining Yes/No | Date/Time | Comments |
|-------------------------------------|-------------------------------------|---------------------------------|----------------------------|-----------------------------|-------------------------------------|---|
| Oklahoma Street/ Mason Street | Local | Asphalt | Minor | Yes 75' away | 2/5/2014 9:00 p.m. Wednesday | Fixed during normal work hours. |
| 731 E. South River Street | Arterial | Concrete | Major | Yes 100' away | 2/8/2014 10:00 a.m. Saturday | Fixed right away. On a busy street with a lot of water. |
| Horizon Drive/ Regal Terrace | Local | Concrete | Major | Yes 5' away | 2/9/2014 8:00 a.m. Sunday | Let run until the next day and fixed during normal work hours. |
| 420 E. Longview Drive | Local | Concrete | Major | Yes 200' away | 2/12/2014 6:00 p.m. Wednesday | Throttled down and fixed the next day during normal work hours. |
| Park Drive Lane/ Windfield Place | Local | Concrete | Major | Yes 25' away | 2/14/2014 1:00 p.m. Friday | Fixed right away during normal work hours. There was a lot of water flooding the sanitary sewer and streets. The clinic and several houses had water backing up into the basements. |
| Harriet Street/ Walter Avenue | Local | Concrete | Minor | Yes 3' away | 2/15/2014 3:00 a.m. Saturday | Fixed right away. |

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|--------------------------------------|-------------------------------------|---------------------------------|----------------------------|-----------------------------|-------------------------------------|---|
| 1221 W. Oklahoma Street | Local | Asphalt | Major | Yes 300' away | 2/15/2014 11:15 p.m. Saturday | Fixed right away. Pipe had dropped and was running for several blocks. Had flooded a garage and yard. |
| 2418 Crestview Drive | Local | Terrace | Major | Yes 50' away | 2/16/2014 9:30 a.m. Sunday | Fixed right away. A lot of water causing terrace damage. |
| 2201 N. Elinor Street | Local | Concrete | Major | Yes 300' away | 2/16/2014 3:00 p.m. Sunday | Fixed right away. Creating an icy mess. |
| David Street/ Service Road | Local | Concrete | Major | Yes 200' away | 2/18/2014 4:00 a.m. Tuesday | Fixed right away. Making an icy mess. |
| Carpenter Street/ Dennison Street | Local | Asphalt | Major | Yes 25' away | 2/19/2014 6:00 a.m. Wednesday | Fixed during normal work hours. |
| 539 E. Sylvan Avenue | Collector | Concrete | Minor | Yes 10' away | 2/20/2014 6:00 a.m. Thursday | Fixed right away during normal work hours. |

| | | | | | | |
|--|--|--|--|--|-----------|--|
| | | | | | 2/21/2014 | |
|--|--|--|--|--|-----------|--|

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

| Leak Location | Arterial, Collector, Freeway, Local | Type of Street Concrete/Ashpalt | Major Break Minor Break | Catch Basin Draining Yes/No | Date/Time | Comments |
|--------------------------------|-------------------------------------|---------------------------------|----------------------------|-----------------------------|-------------------------------------|---|
| Pierce Avenue/ Front Street | Local | Concrete | Major | Yes 400' away | 7:00 a.m. Friday | Fixed right away during normal work hours. |
| 100 Blk. W. Harris Street | Local | Concrete | Major | Yes 200' away | 2/21/2014 5:30 p.m. Friday | Fixed right away. Water ran down the street and into a building. |
| 2301 N. Outagamie Street | Local | Concrete | Major | Yes 100' away | 2/22/2014 1:00 p.m. Saturday | Fixed right away. Sump pump was running a lot and icing up the street. We could hear noise on the hydrant and had been looking for a leak in the area for several days but were unable to pinpoint the location because there was no water coming to the surface. |
| 231 S. Matthias Street | Local | Concrete | Major | Yes 200' away | 2/26/2014 2:00 a.m. Wednesday | Fixed right away. Making a large mess with temperatures below 0°. |
| 2519 N. Elmwood Court | Local | Concrete | Major | Yes 200' away | 2/26/2014 7:00 a.m. Wednesday | Fixed right away during normal work hours. Making a large mess with temperatures below 0°. |
| 2641 S. Carpenter Street | Local | Concrete | Major | Yes 200' away | 2/28/2014 4:00 p.m. Friday | Fixed right away. Making a mess on street and sidewalk. |