

March 14, 2017 – Superintendent’s Report

## **ADMIN UPDATE**

The sewer crews have been out the past week performing a visual inspection on the city’s interceptor sewer mains. These are larger diameter sewers that are typically located in remote easements and not easily accessible. We are looking for problems with lids or castings being offset or actually removed and also checking the structural integrity of the manhole structures and observing flow through the manhole to see if there is any indication of a problem upstream or downstream, such as a large influx of clean/clear water or indications of a clog or blockage. So far, two manholes were found with problems that will require repair work associated with the lids and castings.

There are no additional administrative items to report on at this time.

Operational Data for February 2017:

### **SANITARY SEWER SYSTEM**

February Totals

- 15- Sanitary sewer lift station work orders completed.
- 13 - Sanitary sewer grinder pump work orders completed.
- 2 - Sanitary sewer manholes inspected.
- 1 - Sanitary sewer forced main repairs completed. (replaced approximately 100 feet of 1-1/4” main)
- 390 feet of sanitary sewer main cleaned.
- 24,973 feet of sanitary sewer main inspected using the SL RAT equipment.
- 390 feet of sanitary sewer main CCTV’d.
- Assisted Street Department with CCTV’ing 144 feet of storm sewer.

### **LOCATES/LEAK LOCATING/VALVE TURNING/HYDRANT MAINTENANCE/INSPECTIONS**

February Totals

- 371 – Line locates performed.
- 3 – Fire hydrant repairs performed.
- Working with Business Office to confirm and verify proper billing of private fire hydrants.
- 4 – Water main shut outs for water main repairs performed.
- 10 – Water main/service line leak investigations performed.

### **Plan reviews**

- Plan review for The Greens at Winding Ridge performed.

### **Inspections**

- Residence at Lawrence Village Phase II final inspection performed.
- Lawrence Central Football Stadium Concession: sanitary sewer has been inspected.
- Greens at Winding Ridge Section 5: water main installation is complete and testing has begun. Sanitary sewer testing has begun as well.
- Arts to Remember: sanitary sewer has been installed and passed inspection.
- Assisted Service Department with curb stop box repairs.

**WATER DISTRIBUTION - February Totals**

- 4 – Water main breaks repaired.
- 4 – Water service meter pits installed.
- 4 – Water service lines repaired.
- 16 – Yard restorations from repair work performed.

**WATER PLANT/WELL ACTIVITY - February Work Performed**

Fort Harrison WTP

- Peerless Midwest cleaned Well #8.
- Peerless repaired and installed pump in Well #8.
- Adjusted packing on Well #9.
- Changed fittings on post bleach plumbing.
- Replaced water heater in lab area.
- Took samples on Well#8, both passed so Well #8 was put back into service.

Indian Lake WTP

- Allen's Tree Service removed 3 trees that were dead and could fall on Well #14 pump house.
- Cleaned the injector quill on bleach pump.
- Repaired leak on bleach transfer line to bulk tank.
- Quality Roofing repaired damaged roof from a tree falling during a storm on Well #14 pump house.

Richardt WTP

- Disinfected West aerator after repair was completed; installed hatch cover.
- Replaced leaking fittings on bleach line.
- Cleaned injector quill for bleach pump.
- Cleaned Well house #5.
- Replaced seal on cover to well shaft on Well #5.
- Replaced timer motor on phosphate pump.

**BILLING ADJUSTMENTS: NONE**