

## **October 10, 2017 – Superintendent’s Report**

### **ADMIN UPDATE:**

DRF #16 – Tank Industry Consultants – this is a reimbursement request to IFA for fees the water utility has already paid to TIC. Total amount to be reimbursed is \$18,305 for work on the Oaklandon Tower Project. Pay Application # 2 for Graves Plumbing is also submitted for approval as DRF #17.

With regard to the Oaklandon Tower, bid advertisements were placed with the Indy Star for publication in the October 9<sup>th</sup> and 16<sup>th</sup> editions of that paper. The bid specifications include the fluoroethane based painting system, which, while more expensive, is a longer lasting and more durable coating system that will lengthen the time interval between coatings. Based on customer feedback overwhelmingly in favor of keeping the balloon scheme, the tower will be painted to replicate the existing balloon scheme while adding the City of Lawrence logo opposite the “Oaklandon Community” logo as presently painted on the tower.

The Lawrence Park Ditch Restoration Project is scheduled to be completed on October 13<sup>th</sup>, weather permitting. As of this writing, the contractor only needs to complete the sideslope stabilization and tree plantings. The sideslope matting was delivered on October 5<sup>th</sup> and the contractor will be installing the matting on the 6<sup>th</sup> and 7<sup>th</sup>. The required tree plantings will be delivered the following week.

The Sumac Water Main Project has started. The contractor began “potholing” activity the week of October 2<sup>nd</sup>, which is a process of small excavations for determining the exact location of other buried infrastructure so as to avoid conflict. A project walk-through was held on October 3<sup>rd</sup> at 10:00 am with the inspector, contractor and a Lawrence Utility representative. In addition, the contractor was on-site October 4<sup>th</sup> performing pipe fusing procedures in preparation to begin horizontal directional drilling activities.

In response to the recent Lead and Copper testing results, we have begun collecting the additional tests for the distribution and source water sampling that is required, in addition to reaching out to find additional customer homes to sample as is also required. The Utility’s Corrosion Control Treatment Program (addition of phosphates to prevent corrosion in customer plumbing and fixtures) was adjusted to increase the phosphate feed to provide additional protection. The additional test results will be provided once they are obtained.

### **Operational Data:**

#### **SANITARY SEWER SYSTEM**

September Totals

- 15 - Sewer lift station work orders completed.
- 1 - Sewer grinder pump work order completed.
- 4 - Sanitary sewer manholes inspected.
- 4 - Sanitary sewer manholes repaired.
- 2 - Sanitary sewer force main repairs completed.
- 2 - Sanitary sewer lateral ‘cut & caps’ performed.
- 8 - Sanitary sewer laterals were ‘potholed’ for location/depth/size information for the Franklin Road Reconstruction Project.
- 8,378 Feet of sanitary sewer main cleaned.
- 400 Feet of sanitary sewer main CCTV’d.

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

September Totals

- 546 - Line locates completed.
- 2 - Water main valves exercised.
- 2 - Water main valve boxes repaired.
- 28 - Fire hydrants repaired.
- 3 - Water main break ‘shut outs’ performed for repairs.
- 10 - Water main leak investigations completed.

- 11 – Fire flows performed. (various locations around the City requested by LFD for ISO Survey)
- 2 – Plan reviews performed.
- Inspections:
  - Greens @ Winding Ridge Section 6 – Completed installation of sanitary sewer and is awaiting a 30 day testing date.
  - Fresenius Medical Center – Final inspection pending.
  - Storage of America – Working on storm sewer.
  - Belzer Middle School – Passed final inspection.
  - Harrison Hill Elementary - Final inspection pending.
  - St. Vincent building – Partial sanitary sewer lateral inspected and water installation has begun.
- “In House Projects”:
  - Sumac Water Main Replacement Project – Awaiting contractor to begin work.
  - Richardt WTP Project – Contractor is working on site but installation of pipe has not yet begun.
  - Indian Lake Well Field – Locates have been performed for Water Underground Maintenance Department to install conduit.

## **WATER DISTRIBUTION**

### September Totals

- 3 – Water main breaks repaired.
- 6 – Water meter pits installed.
- 7 – Water service line leaks repaired.
- 400’ of conduit installed in Indian Lake Well field for influent flow meter cables.
- 53<sup>rd</sup> Street compound clean up along fence row for greater visibility inside compound to try to deter further acts of vandalism.

## **WATER PLANT/WELL ACTIVITY**

### Fort WTP

- Replaced throttle body for air relief valves on Well #8.
- Installed secondary spill containment for phosphate tank.
- Hach calibrated the spectrophotometer.

### Indian Lake WTP

- Made adjustments to the opening on the backwash drain to the catch basin to allow for better flow.
- Replaced the throttle body for the air relief valve on Well #16.
- Cleaned the injector quills.
- Installed secondary spill containment for the phosphate tank.
- Hach calibrated the spectrophotometer.
- Assisted with installing conduit for the influent flow meter cables in the well field.
- Cleaned aerator screens.
- Removed the old scale for the bleach tank.

### Richardt WTP

- Replaced the screen on the East aerator.

### Winding Ridge

- Replaced one of the cooling fans for the Toshiba VFD.

### 52<sup>nd</sup> St Tower

- Tank Industry Consultants performed the inspection of the water tower.

## **BILLING ADJUSTMENTS:**

5282 Baysdon Circle; The customer is requesting an adjustment in the sewer portion of the bill in the amount of \$257.04 due to a service line leak that was repaired. LU verified the water did not enter the sanitary sewer system and therefore recommends approval.