

July 11, 2017 – Superintendent’s Report

ADMIN UPDATE:

With regard to the question from Ms. Smith regarding the utility’s real and apparent water loss calculations, I have checked our data again and found no errors with regard to data entry. As I expressed to her at the last meeting, collecting this information is not an exact science and there is a great deal of estimating that is required because the actual losses cannot be measured. I did check past history and see that in 2015 we averaged 18.8 MG per month in this category of data, in 2015 it dropped to 7.7 MG. 2016 was 10.5 MG and we are presently averaging 9.4MG for 2017. The 2014 data was heavily influenced by a rather heavy main break season due to the freezing temperatures.

In recent years we have made great strides in accounting for various authorized un-billed/un-metered water uses, have installed meters in several locations for metered un-billed usages and also have stepped up customer account reviews and audits in an effort to reduce water losses. While we are not pleased with any amount of water loss, we realize it is a reality that we are not ever going to achieve zero losses.

Our leak survey program did not materialize as hoped for under the last administration due to our inability to purchase the required sensors, although we did purchase the leak correlator (a computer that runs the program that determines the leak location). It should be noted too that this correlator was a “demo” model and we have been having numerous problems with it. It has not performed to our expectations. We are presently reevaluating our approach to system-wide leak survey practices and will be seeking to implement a program that will be effective and cost efficient.

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

Operational Data:

SANITARY SEWER SYSTEM - June Totals

- 10 - Sanitary sewer lift station work orders completed.
- 8 - Sanitary sewer grinder pump work orders completed.
- 17,146 feet of sanitary sewer main cleaned.
- 596 feet of sanitary sewer main CCTV'd.

LOCATES/LEAK LOCATING/VALVE TURNING/HYDRANT MAINTENANCE/INSPECTIONS - June Totals

- 659 – Line locates performed.
- 7 – Water valve boxes repaired.
- 10 – Fire hydrant repairs completed.
- 3 – Water main shut outs performed for repairs.
- 5 – Leak investigations performed.
- Plan Reviews:
 - St. Vincent Medical Building.
 - 10010 Pendleton Pike.
 - Harrison Hill Elementary.
 - Belzer Middle School Concession.
 - The Greens Section 6.
 - Tim Hortons Restaurant – 9910 Pendleton Pike.
- Inspections:
 - Otis Avenue Extension – Water and sanitary sewer punch lists completed.
 - Lawrence Central Football Stadium Concession completed.
 - Greens at Winding Ridge Section 5 – Sanitary sewer is 90% complete, still waiting for final grade work to be completed to vacuum test sanitary sewer manholes, also needing to clean and CCTV sewer main.
 - Greens at Winding Ridge Section 6 – Sanitary sewer installation began 6/25/17.
 - Arts to Remember – Final punch list and inspection still needing completed.
 - Fresenius Medical Center – Water and sanitary sewer installation has begun, mains and laterals have been installed, testing still to be completed.
 - Storage of America – Construction has begun; no utility work has started at this time.
 - Belzer Middle School – Water and sanitary sewer lines have been installed, testing still to be completed.
 - Franklin Road Storm Sewer Project No. 1400280 – some preliminary field verifications have been performed.

WATER DISTRIBUTION - June Totals

- 2 – Water main breaks completed.
- 8 – Water meter pits installed.
- 1 – Water service line repair completed.
- 7 – Fire hydrant replacements completed.
- 1 – Concrete restoration from utility work completed.
- 12 – Yard restorations from utility work completed.

WATER PLANT/WELL ACTIVITY

Fort Harrison WTP

- Replaced fluoride pump.
- Cleaned injector quills.
- Cleaned both chlorine analyzers.
- Added packing to well#9 motor due to leak (water spraying passing through packing).
- Replaced screen to well #10 air relief.
- Repaired vent head on well #8.

Indian Lake WTP

- Cleaned bleach post injector quill.
- Cleaned bleach injector piping.
- Replaced Qdos pump head on “post” bleach pump.
- Replaced Qdos pump head on “pre” bleach pump.
- Replaced transfer pump and plumbing for bleach.
- Removed pressure sensor and PLC for bleach line.
- Cleaned chlorine analyzer.
- Cleaned screens to aerators.

Richardt WTP

- Cleaned injector quill.
- Cleaned chlorine analyzer.
- Peerless Midwest added anthracite to E2 filter. Bac-t testing performed and passed, filter was put back into service.
- Cleaned screen on East aerator.
- Repaired plumbing to pressure switch at well #1.

BILLING ADJUSTMENTS:

9931 E. 46TH St.: Customer is requesting an adjustment in the amount of \$1,081.46 in the sewer portion of the bill due to a pipe leaking under the home which was repaired. The Utility has reviewed this request and recommends approval.