



## **October 9, 2018 – Superintendent’s Report**

### **ADMIN UPDATE:**

The Utility management is seeking approval for the final pay application for the Culy Contracting Manhole Rehabilitation Project. The project is completed, and our Inspector has signed off on the punch list items and final pay app. This action completes the project.

The Utility management is seeking approval for DRF #53 in the amount of \$131,571 for Glenroy Construction for work performed on our Wellfield Improvements Project. This is the second pay application for this project, which is proceeding well despite finding some further deterioration in the concrete blocking for Well #10 in the Fort wellfield. This additional work will be on an upcoming Change Order, along with a slight increase for the paint finish on the new doors for the well structures.

One upcoming issue that we will need to address is the increase in line locate ticket volumes related to the increased activity by telecom service providers’ push to upgrade their grids to the new 5G level of service as well as other projects including our own capital improvements. The number of tickets is expected to rise to the point where we will no longer be able to handle them efficiently and effectively. Some of this impact is already being felt and we are at a point now where it makes sense to outsource this particular task so that we can continue to maintain adequate maintenance levels in the valve & hydrant maintenance program as well as adequate construction inspection and plan review programs. The company we have selected, SAMCO, is one that our Line Locate Manager is familiar with and whom he has a great deal of confidence in. Although we do not have a service contract ready for approval at this time we expect to have one by the first meeting in November. I will send out more information to you as it becomes available.

Another item of note is that we will be preparing a resolution for the board to adopt with regard to the Sanitary Sewer Covenants that you often process. We asked our sewer engineering firm, American Structurepoint, to review the language in the ordinance and the covenants. Their expert opinion is that the language in the ordinance is unclear and recommended changes. Thus, we are seeking to change our policy with regard to this issue. Upon approval of the resolution, we will effectively do away with these covenants and simply require structures that do not meet the minimum elevation difference between the lowest floor having sanitary service and the nearest downstream manhole to utilize an ejector or grinder pump installation in order to avoid any potential problem. We think that this is a more effective way to deal with these situations.

The Utility management is requesting approval of Change Order #6 for the Richardt WTP Project. This CO contains the previously mentioned bulk bleach tank shelter, which was redesigned and the cost lowered, changes to the ventilation fan in the bleach room inside the plant to provide for better ventilation and the addition of a tee-fitting in the well plumbing for wells 1 & 2 which will allow for pump testing of the wells to be done without having to pull the pumps. Well pump tests are performed annually and the tee will eliminate this need and lower operational costs going forward so that this increase will be paid for in one or two years’ worth of pump testing. The total increase from this CO will be \$44,527.83, resulting in a new contract amount of \$4,284,948.64. To date there have been \$72,736.64 in total Change Order increases. This will not adversely affect the remaining funding available for this project or our two other projects.

### **Operational Data: September Totals - SANITARY SEWER SYSTEM**

- 24 – Sanitary sewer lift station work orders completed.
- 1 – Sanitary sewer grinder pump work orders completed.
- 6 – Sanitary sewer manhole repairs completed.
- 1- Sanitary sewer back-up investigation.
- 14,519 LF of sanitary sewer main cleaned.
- 2,991.8 LF of sanitary sewer main CCTV’d.

- Mowing and weed-eating around all lift stations.

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

- 45 – Fire hydrant repairs performed.
- 4 – Fire hydrant inspections performed.
- 18 – Water main valves exercised.
- 1 – Water main valve box repaired.
- 786 – Line locates performed.
- 6 – Water main shut outs performed.
- 7 – Water line leak investigations performed.
- 2 – Plan reviews performed.
- 9 – Inspections/projects performed.
- Approximately 160 gallons in un-metered water loss from fire hydrant repairs/inspections.

#### **WATER DISTRIBUTION**

- Approximately 1,321,332 gallons of un-metered water loss from water main breaks.
- Approximately 29,254 gallons of un-metered water loss from water service line breaks.
- 7 – Water main breaks repaired.
- 3 – Water service meter pit installations performed.
- 4 – Water service line repairs performed.
- 1 – Water service line disconnect/abandonment.
- 1 – Concrete restoration performed by LU.
- 10- Yard restorations completed by LU.
- 1 – Water meter pit repaired.
- Assisted with non-pay turn-offs.
- Attended leak detection training for new leak locating equipment.

#### **WATER PLANT/WELL ACTIVITY**

##### Fort Harrison WTP

- Replaced pump head on QDOS pre-chlorine pump.
- Worked with IP&L to restore power to filter house.
- Clear road to Well 9 due to fallen tree.
- Installed shelving unit for storage or parts.
- Performed yard restoration from installation of sump pump line for effluent water meter.

##### Indian Lake WTP

- Installed trim around door to lab area.
- Repaired storage cabinet.
- Repaired chlorine line that was leaking.
- Replaced Total Chlorine probe for analyzer.
- Removed old exhaust fan from chlorine room.

##### Richardt WTP

- Re-built chlorine transfer pump due to leak.
- Cleaned out Well house #5.
- Repaired handheld transfer pump and mixer.
- Replaced ½” tubing for the chlorine feed line.
- Took water quality samples on Well #2 after contractor finished work on Well.

##### Other Work

- 51 – Bac-T samples taken to the lab.
- 10 – Dead end water mains flushed.

#### **BUSINESS OFFICE/SERVICE DEPARTMENT - September totals will be provided at October 23, 2018 meeting.**

- Active accounts.
- Work orders completed.

#### **BILLING ADJUSTMENTS: NONE**