

The following summarizes our recent activities performed on behalf of the West Goshen Sewer Authority (Authority) and West Goshen Township (Township) from August 3, through August 29, 2020:

Projects in Construction

Contract Nos. 17-3, 17-6, and 17-7: Anaerobic Digester Replacement (007608.0433):

A final punchlist review and coordination meeting on the moisture being trapped in the waste gas flare supply line and secondary digester coating is scheduled for September 2. A verbal update will be provided at the Authority.

Contracts WWTP-19-1; WWTP-19-2; and WWTP 19-3: WWTP Phase II Improvements / TMDL Compliance (007608.0447):

The COMAG mix and reaction tanks as well as the clarifiers have been assembled on-site and the General Contractor has prepared the installation of the temporary bypass to begin installation of yard piping and connections to the existing processes.

We are recommending that the Authority approve the following:

- Application for Payment No. 6 for Contract 19-1 (WWTP Phase 2 General Contract) to Blooming Glen Contractors, Inc. in the amount of \$640,522.05 for work completed through August 18, 2020.
- Application for Payment No. 3 for Contract 19-2 (WWTP Phase 2 Electrical Contract) to Brendan Stanton, Inc. in the amount of \$20,199.12 for work completed through August 31, 2020
- Change Order No. 1 for Contract 19-2 and 19-3 for an extension of the Contract Times. The Change order consists of a Time Extension of 42 days for Covid-19 shutdown similar to what the Authority approved last month for Contract 19-1.



I wanted to make you aware of an issue that just recently came up regarding the delivery times for the clarifier mechanical components from Evqoua. They had an issue with the manufacturing of the rake arms and the delivery will be postponed from October until December. We have not had the opportunity to review this with the Contractor's schedule to see what the impact is, if any, to the Substantial Completion date.

Contracts IP-1 and IP-2: Priority A Interceptor Project (007608.0456):

No significant changes from the schedule update in August has been provided. The Contractor for IP-1 (DOLI Construction Corporation) has moved their projected start date to the end of September.

The Contractor for IP-2 (North American Pipeline Services) will be completing the CIPP lining and manhole rehabilitation work after DOLI has completed the dig-up portion of the Project. The Contractor did note that manhole rehabilitation work may need to be postponed to spring due to temperatures.

Contracts TD-1 and TD-2: Trinity Drive Pump Station Improvements Project (007608.0459)

HRG is currently working through submittals for both contracts as well as the Owner supplied equipment. We are waiting on information from the materials suppliers as to when the procured equipment will be delivered as well as a construction schedule.

Other Projects/Tasks

Pump Station Phase II Improvements (007608.0441):

Westtown Way Pump Station Upgrade

The proposed location for the emergency generator was sent to the Township for review and approval as the proposed location is actually located on the Township's Park property near the existing primary transformer. Upon approval by the Township, we will proceed with finalizing the design of the generator and elevated pad. The structural design for the pump removal system and wet well improvements has begun. We continue to share information with East Goshen Township's engineer as requested.

Taylor Run Pump Station Improvements

The surge valve analysis was completed and work continues on the structural modifications to the pipe hangers as well as the piping and valve replacement. Coordination on the emergency repairs has been completed and the transfer switch submittal has been approved.

Pump Station Phase III Improvements:

Design continues for of the all the pump stations within this contract with an emphasis on the sites which requiring WQM Part II permits (Washington Street PS and Montgomery Ave PS). Coordination meetings with Flygt and Fairbank have occurred within the past week for purposes of confirming the design points and working to obtain quotes. HRG plans to continue design efforts for the plans and documents for these pump stations with a focus on the Fern Hill Pump Station.

Cemetery Sewer Rehabilitation and ARV Replacement:

This Project has been awarded grant funds through the CFA Small Water & Sewer Grant Program. Once the agreement has been executed and the documents provided to DCED, the Project will be publically bid.

Aeration System Improvement Project (007608.0453):

The Township has completed their review of the draft documents and HRG is prepared to address these comments and finalize the electrical design for the work.

We anticipate having the Project ready for public bidding by the October Authority Meeting. Therefore, we are requesting the Authority's permission to advertise the Project for public bids.

Pottstown Pike LPS Evaluation

A meeting with the WCSD was held and discussions on the LPS pumping system and the new Greystone Elementary School pumping system was reviewed. No technical issues were discussed by the WCSD. The ownership and rights-of-way issues will be discussed in the Solicitor's Report.

Please feel free to contact me if you have any questions regarding this report or other items.

Respectfully submitted,

Herbert, Rowland & Grubic, Inc.



Joshua T. Fox, P.E.
Practice Area Leader | Water & Wastewater

JTF/
007608.0426

- c: West Goshen Sewer Authority (w/encl.)
- Casey LaLonde, Township Manager (w/encl.)
- Dave Woodward, Public Works Director (w/encl.)
- Mike Moffa, WWTP Superintendent (w/encl.)
- File (w/encl.)