

## ENGINEER'S REPORT

### West Goshen Sewer Authority

September 30, 2020

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

#### Projects in Construction:

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

All final punchlist items were completed and several warranty items have been addressed. A draft final application was submitted but was not able to be included on the Treasurer's Report for inclusion at this month's meeting. A verbal update will be provided at the Authority on the status of the Secondary Digester coating.

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

Repairs to the cone of Clarifier 2 were completed by Dutchland. The COMAG mix and reaction tanks as well as the clarifiers have been tested and backfilled. While excavating for the 24/30" Clarifier Effluent line to COMAG building, interference from an existing airline was discovered and will require a change order to relocate. This is also the air line that was found to be leaking. The Contractor continuing installation of yard piping.

Trees and shrubs at the site were inspected, several were found to have died. HRG will be issuing a defective work notice for the dead plantings and the plantings will be replaced in accordance with the Contract.

We are recommending that the Authority approve the following applications for payment:

- Application for Payment No. 7 for Contract 19-1 (WWTP Phase 2 General Contract) to Blooming Glen Contractors, Inc. in the amount of \$189,575.47 for work completed through September 15, 2020.
- Application for Payment No. 4 for Contract 19-2 (WWTP Phase 2 Electrical Contract) to Brendan Stanton, Inc. in the amount of \$86,790.04 for work completed through September 20, 2020

The General Contractor has stated that the delay from Evoqua on the delivery of the clarifier mechanical equipment will not currently impact the Substantial Completion date as long as the delivery is not delayed further. Delivery is tentatively scheduled for early December.



##### 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 been contacted and informed HRG that they have now moved their

projected start date, again, to the end of October. HRG reiterated to DOLI that Substantial Completion is December 15, 2020 and their work cannot extend into the Spring 2021 without exceeding the Contract Time.

The Contractor for IP-2 (North American Pipeline Services) wants to complete the CIPP lining and manhole rehabilitation work after DOLI has completed the dig-up portion of the Project. HRG informed North American Pipeline Services that DOLI's dig-up portion interferes with approximately 15% of the total work of Contract IP-2 and submittals are still outstanding, therefore an extension would not be justifiable at this time. The Contractor did note that manhole rehabilitation work may need to be postponed to the Spring due to temperatures, however Substantial Completion is December 15, 2020.

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

HRG continues to work through submittals for both contracts. The Contractor for TD-1 mobilized to site on September 28, 2020 and has started removing pavement from the Project Site. The Contractor plans to start the HDD for the new force main on October 5, 2020 and that work is expected to last approximately 2.5 weeks.

We are recommending that the Authority approve the following:

- Application for Payment No. for Contract TD-1 (General Construction) to PSI Pumping Solutions, Inc. in the amount of \$20,068.25 for work completed through September 9, 2020.

#### Other Projects/Tasks:

##### Pump Station Phase II Improvements (007608.0441):

###### *Westtown Way Pump Station Upgrade*

The generator pad is currently under design along with other structural elements within the pump station including the pump removal system. We continue to follow up on the DEP WQM Part II permit and update and finalize the design package.

###### *Taylor Run Pump Station Improvements*

Work continues on the design modifications related to the discharge piping and overall site work.

##### Pump Station Phase III Improvements (007608.0460):

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 related to electrical requirements of the proposed pumps is in progress. 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:

We are working on incorporation of the grant requirements into the Contract Documents and will be ready to advertise the Project upon approval by the Authority.

##### Aeration System Improvement Project (007608.0453):

The Project is still on schedule for being advertised on October 7 2020. The pre-bid conference is currently scheduled for October 21, 2020 at 10:00am and the bid opening is scheduled for November 2 , 2020.

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.)  
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