

## ENGINEER'S REPORT

### West Goshen Sewer Authority

November 25, 2020

The following summarizes our recent activities performed on behalf of the West Goshen Sewer Authority (Authority) from October 31 through November 25, 2020:

#### Projects in Construction:

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

Work continues on-site with installation of the COMAG pump pit, underground yard piping, and COMAG building footer. Underslab conduit layout continues by BSI (Contract WWTP-19-2). Equipment procured from EVOQUA and through COSTARS purchases continues to be delivered to the site. Approximately 75% of all directly procured equipment has been delivered.

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

- Application for Payment No. 9 for Contract 19-1 (General Construction) to Blooming Glen Contractors, Inc. in the amount of \$129,695.72 for work completed through November 18, 2020.
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- Application for Payment No. 1 for Contract 19-3 (Mechanical Construction) to CUICK Precision Solutions in the amount of \$21,727.80 for work completed through November 20, 2020.

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

The Contractor for IP-1 (DOLI Construction Corporation) has requested substantial completion, and DOLI is going to complete final deflection testing and paving on November 25, 2020. DOLI submitted three Change Proposals in November for additional work completed due to unforeseen conditions. Two of the Change Proposals related to the two unmarked Aqua water mains that were impacted. No decision was made on these Change proposals due to insufficient labor and equipment information provided by the Contractor. A letter containing the request for additional information was sent to DOLI on November 20, 2020. Also contained in that letter was a formal denial of the third Change Proposal which was for additional excavation that was required to locate a suitable location on the Westtown Way force main at the WWTP for a tapping sleeve. HRG informed DOLI that the additional excavation shall be paid for under Additional Unclassified Excavation and an adjustment in the Contract Price will only be determined where the work involved is not covered by unit prices contained in the Contract Documents.

The Contractor for IP-2 (North American Pipeline Services/NAP) completed the majority of the remaining submittals, but portions of their bypass plan for several project areas remain outstanding. NAP mobilized to the project site on November 24, 2020 and completed the lining of the pipe entering the Washington Street Pump Station.

We are recommending that the Authority approve the following:

- Application for Payment No. 1 for Contract IP-1 (General Construction) to DOLI Construction Corporation in the amount of \$293,237.45 for work completed through November 25, 2020.

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

HRG continues to work through submittals for both contracts. No significant work has been completed in the past month, however equipment such as the pumps and control panel have been delivered. A job conference is scheduled for December 2 to review the remaining Project schedule and the bypass pump plan for work in the wet well.

We are recommending that the Authority approve the following:

- Application for Payment No. 3 for Contract TD-1 (General Construction) to PSI Pumping Solutions, Inc. in the amount of \$37,009.73 for work completed through November 11, 2020.

## Other Projects/Tasks:

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

#### *Westtown Way Pump Station Upgrade*

The structural design is still under way along with the electrical 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 to prepare for public bidding.

#### *Taylor Run Pump Station Improvements*

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

### 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). Those permit packages are compiled, and the applications will be sent to WGSA for review, signature, and notary during the week of November 30, 2020. 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:

Design activities are on hold until HRG receives the information for the additional work to be incorporated into this Project.


### Aeration System Improvement Project (007608.0453):

Notice of Intent to Award have been issued to the General and Electrical Contractor and we are awaiting receipt of the executed agreements, bonds, and certificates of insurance.

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

Respectfully submitted,

Herbert, Rowland & Grubic, Inc.

A handwritten signature in black ink, appearing to read 'J.T. Fox', is written over the company name.

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.)