

## ENGINEER'S REPORT

### West Goshen Sewer Authority

October 27, 2021

The following summarizes our recent activities performed on behalf of the West Goshen Sewer Authority (Authority) from September 30, 2021 through October 26, 2021:

#### Projects in Construction:

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

Substantial completion was requested verbally by both the General Contractor and Electrical Contractor on October 26. HRG is working to schedule a substantially completion inspection with the Township and Contractors. The Mechanical Contractor continues to work on the start-up of the HVAC systems in the Dewatering and COMAG Buildings and PECO is still required to change out the gas meter, which is scheduled for November 1. Mechanical start-up for the Dewatering Building is on-going and expected to be fully completed by the second week of November. Final commissioning and performance testing of the screw presses remains to be completed by Schwing and the GC.

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

- Approval of Application for Payment No. 19 for Contract WWTP-19-1 (WWTP Phase 2 General Contract) to Blooming Glen Contractors, Inc. in the amount of \$65,778.04 which includes a \$30,450 set-off for liquidated damages
- Approval of Application for Payment No. 13 for Contract WWTP-19-2 (WWTP Phase 2 Electrical Contract) to Brandon Stanton, Inc. dba BSI Electrical Contractors in the amount of \$25,265.73.
- Approval of Application for Payment No. 11 for Contract WWTP-19-3 (WWTP Phase 2 Mechanical Contract) to Cuick Precision Solutions in the amount of \$18,058.94.

We are also recommending approval of the following change orders:

- Approval of Change Order No. 6 for Contract WWTP-19-2 for an increase in the Contract Price in the amount of \$3,250.00 to install 12 strand fiber in lieu of 6-strand fiber in the following conduits from Drawing 01E-04 as requested by the Township for use in new VOIP system at the WWTP: F01, F02, F03, F05, F06, F08.
- Approval of Change Order No. 6 for Contract WWTP-19-3 for an increase in the Contract Price in the amount of \$2,157.00 to customize drain grates by cutting cast iron grates to fit around drain fittings from screw presses. Drain fittings were added below the floor slab in the drainage channel to improve flow from the screw press drains and reduce splashing.

#### Cemetery Sewer Rehabilitation and ARV Replacement:

A pre-construction coordination meeting for the residents in the area was held on October 6, 2021 to review scope of work and discuss any concerns the residents may have with the CIPP lining work. Di Rocco Bros. have submitted a construction schedule indicating that work will tentatively begin on the week of November 15<sup>th</sup>. Standard Pipes initial CCTV and cleaning work has been delayed due to improper bypass equipment.

## Other Projects/Tasks:

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

#### Westtown Way Pump Station Upgrade

After review of the bids with the solicitor and during the last authority meeting, the Notice of Intent to Award was sent to Cuick Precision Solutions for Contract WW-1 and to BSI for Contract WW-2. HRG received the executed documents including the bonds and agreement forms from BSI for Contract WW-2 on October 27, 2021, but we are still awaiting the bonds and agreement forms for Contract WW-1. HRG hopes to receive the documents from Cuick Precision Solutions prior to the meeting. Recent communication with Cuick Precision Solutions has identified that they are having issues receiving their required bonds and HRG is continuing outreach to Cuick Precision Solutions to confirm they will be able to receive them.

#### Taylor Run Pump Station Improvements

Work continues on the design modifications related to the discharge piping, overall site work, and electrical design. Final documents were delivered to WGSA for review on September 8<sup>th</sup> and a review meeting is scheduled for November 9<sup>th</sup>.

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

HRG plans to continue design efforts for the plans and documents for Fern Hill Pump Station at this time. Final documents were delivered to WGSA for review on September 8<sup>th</sup> and a review meeting is scheduled for November 9<sup>th</sup>.

### Phase II Interceptor Repairs Project:

HRG has reviewed the 90% construction plan set with the Authority Staff and has made changes to the plan set based on received comments. HRG anticipates submitting the permit plan sets to the required agencies in the following week.

### Sanitary Sewer Rules and Regulations Policies Update:

HRG is currently drafting together updated Sanitary Sewer Rules and Regulations Policies and corresponding construction standard details to replace the existing Authority Standards established in 2006. HRG anticipates having a draft set of policies and details for the Authority to review by the next Authority meeting.

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. Fox', is written over the printed name and title.

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.)
- Cory Salmon, PE, PMP HRG (w/encl.)
- File (w/encl.)