

The following summarizes our recent activities performed on behalf of the West Goshen Sewer Authority (Authority) and West Goshen Township (Township) from September 5 through September 28, 2018:

Projects in Construction

Contracts 17-1 and 17-2: WWTP Headworks Improvement Project (007608.0440):

The substantial completion inspection for Contract Nos. 17-1 and 17-2 were completed on September 12. Both contracts were identified to be substantially completed. A copy of the Certificate of Substantial Completion for both contracts and the Tentative List of Items to be Completed or Corrected is attached for your review and use. We anticipate that all punch list items will be completed prior to the Authority's November meeting.

2017 Sanitary Sewer System Repairs (007608.0436):

Remaining work includes epoxy lining of four (4) manholes and miscellaneous items for final clean-up. The Contractor has not yet requested a substantial completion inspection.

We recommend that the Authority approve Application for Payment No. 8, as submitted by DiRocco Brothers, Inc. in the amount of \$175,926.45 for work completed through September 7, 2018 for Contract 17-5.

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

Contract 17-3 continues work on the new Primary Digester Tank, Waste Gas Burner Vault, and installation of the dual-source gas boiler and heat exchanger. Work on the erection, coating, and installation of the Primary Digester Cover is expected to begin within the week.

Contract 17-6 continues to install conduit and lighting in the lower and upper areas of the Building and completed work on the transfer of power to the new MCC-3.

No new work has been completed for Contract 17-7 over the past month.

Job Conference No. 8 was held on September 12, 2018. A copy of the minutes were posted to EADOCS.

Risk items for changes in cost and/or contract time have been identified and are provided below:

1. The location of the existing SU/6 pipeline was identified by the Contractor to be a changed condition from that as shown on the Contract Drawings and request a Change Order for the work involved in the removal/reinstallation of this line. Actual costs are not known at this time.
2. Installation of additional firestop/fireproofing materials between the Biogas Room and the main operating floor.

We recommend that the Authority approve Application for Payment No. 9, as submitted by Eastern Environmental Contractors, Inc., in the amount of \$238,146.30 for work completed through September 17, 2018 for Contract 17-3 (General Construction).

We also recommend that the Authority approve Application for Payment No. 6, as submitted by Garden Spot Electric, in the amount of \$27,000.00 for work completed through September 18, 2018 for Contract 17-6 (Electrical Construction).

Contract Nos. 17-8 and 17-9: Enhanced Chemical Addition Project (007608.0432):

The substantial completion inspection for Contract Nos. 17-8 and 17-9 was completed on September 19. Both contracts were identified to be substantially completed. A copy of the Tentative List of Items to be Completed or Corrected was issued to the Contractors at the walk-through and the Certificates of Substantial Completion for both contracts and be issued this week. We anticipate that all punch list items will be completed prior to the Authority's November meeting.

We recommend that the Authority approve Application for Payment No. 7, as submitted by Eastern Environmental Contractors, Inc., in the amount of \$24,117.50 for work completed through September 19, 2018 for Contract 17-8 (General Construction).

We also recommend that the Authority approve Application for Payment No. 4, as submitted by The Williams Group Electrical Contractors, in the amount of \$8,392.93 for work completed through September 2018 for Contract 17-9 (Electrical Construction).

Other Projects/Tasks

Pump Station Phase II Improvements (007608.0442):

Preliminary design of the Trinity Drive Pump Station has been submitted to the Township Staff for review and approval. Upon approval, we will proceed with final design including electrical and site work.

Pump alternatives for the Westtown Way Pump Station have been provided to the Township Staff for review and selection. Once the pump selection has been made, we will continue work on the preliminary design.

A hydraulic analysis has begun to evaluate the downstream impacts (if any) of upgrades to the Taylor Run Pump Station. This work will be completed within the next two weeks.

Lead and asbestos testing was completed at the Taylor Run and Westtown Way Pump Stations. Paint containing lead was found at each pump station. The removal of the lead containing paint will be including in the Project scope.

We are working with the Township Staff to review the final plans and specifications for the Downing Avenue Pump Station. Once the review has been completed and all comments have been addressed, HRG will coordinate with the Township to advertise the Project for public bids.

WWTP Phase II Improvements / TMDL (007608.0442):

HRG is proceeding with the preliminary design of the COMAG and Dewatering System Upgrades. We are still on track for submission of the Water Quality Management Part II Permit Application by the October 30 deadline. We respectfully request that Mr. Moffa be authorized to sign the permit application on behalf of the Authority since the application must be submitted prior to the Authority's November Meeting.

The site visit for the structural review of the Dewatering Building is scheduled for October 2. A verbal update will be provided at the meeting. Additionally, HRG met with Schwing and members of the Township Staff to review the maintenance requirements of the new screw presses and the best methods for access of the equipment within the existing Dewatering Building. A review of conveyance and general layout and hoisting considerations were also reviewed.

HRG was previously authorized to complete the preliminary design of the Phase II Improvements for an October 30 submission date of the Water Quality Permit Application and authorization to begin the structural analysis of the Dewatering Building. A confirmation of assignment to complete the design was provided to the Authority at the September meeting for review and consideration.

2018 Sanitary Sewer Repair Project (Contracts 18-2 and 18-3):

The Project has been advertised for public bidding and the pre-bid meeting was held on September 26, 2018. Bids will be opened on September 26 at 1:00pm. We will provide a certified bid tabulation and recommendation for award following opening of the bids.

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.
Regional Service Group Manager

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.)
Edward A. Ellinger, P.E., HRG (w/encl.)
File (w/encl.)