

The following summarizes our recent activities performed on behalf of the West Goshen Sewer Authority (Authority) and West Goshen Township (Township) from July 9 through August 2, 2019:

Projects in Construction

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

Contract 17-3 has provided a day by day detailed schedule to complete the remaining Work. The schedule indicates that the Secondary Digester will be ready for operation on August 12. The Contractor has been following schedule to date without issue. If the schedule continues to hold true, final completion will be completed on September 5.

The ride test for the Secondary Digester floating cover was successfully completed. The leak test revealed one weld that needed to be ground out and re-welded and was immediately corrected. Dewatering of the tank has begun. The subcontractor will now begin painting the cover and interior piping of the Secondary Digester. Work will also begin on the roof replacement of the Digester Building.



Contract 17-6 continues to provide support and maintain schedule with EEC.

Final payment has been approved for Contract 17-7; however, we have not received final closeout documents. We have also issued two warranty letters for fans whose motors have burned out and need to be replaced. We are waiting on a schedule from Contract 17-7 to address these items.

We are recommending approval of Application for Payment No. 19 for Contract 17-3 (Anaerobic Digester Replacement General Contract) to Eastern Environmental Contractors, Inc. in the amount of \$101,317.50.

Contracts 18-2 and 18-3: 2018 Sanitary Sewer Repair Project (007608.0450):

MOR has completed all work associated with the project with the exception of final wearing course pavement on Knollwood Drive and the private driveway. The extent of the wearing course is being discussed with the Contractor in an attempt to come to an agreement due to areas that were damaged outside of the Contract. MOR also plans to finalize grading when the pavement has been completed.

Mr. Rehab, LLC has completed all Work associated with Contract 18-3 and HRG has issued a Certificate of Substantial Completion. HRG and Mr. Rehab are working on finalizing the closeout documents for the Authority's September meeting.

Contracts WC-1 & WC-2: Woodcrest/Downing Avenue Pump Station Replacement (007608.0452):

McKenney Construction has successfully demolished the existing wet well, valve vault, and generator on site. At the first job conference on Wednesday July 24 McKenney Construction stated they planned to have 90 percent of the Work completed by the end of August. Garden Spot stated they would be able to keep current with McKenney's projected schedule. Setting of the new wet well and valve vault is scheduled for August 2, 2019.



We are recommending approval of Application for Payment No. 1 for Contract WC-1 (General Construction) to McKenney Construction in the amount of \$88,785.00 for work completed through July 19, 2019.



Other Projects/Tasks

Pump Station Phase II Improvements (007608.0442):

The Trinity Drive Pump Station Water Quality Management Part II Permit Application was has been received. HRG will begin work on finalizing the contract documents. Our goal is to have them completed for the Authority's September Meeting.

Westtown Way Pump Station

Conceptual design layout of the pump station was submitted to Mr. Moffa on July 17, 2019 and are scheduled to review comments on August 7. Following our meeting we will continue with the following schedule:

Preliminary Design Submission to Superintendent – 08/26/19

Meeting with Superintendent to review comments on Preliminary Design Layout Submission – Week of 09/09/19

PADEP WQM Part II Permit Submission to WGSA– 09/25/2019

Finalize and Submit PADEP WQM Part II Permit to PADEP – 10/18/19

Final Design to coincide with review of permits.

Bidding to be performed after all permits are received.

Construction to commence after bids are received.

WWTP Phase II Improvements / TMDL (007608.0442):

Contract Nos. WWTP-19-1; WWTP-19-2; and WWTP-19-3 were advertised for public bids on July 11, 2019. A mandatory pre-bid conference was held on July 24, 2019 at 10:00am at the Township Building. In accordance with numerous requests from prospective bidders, the bid opening was moved until August 24, 2019 at 10:00am.

Optimum Controls Corporation (OCC) is continuing to work with HRG and the Township Staff to develop the SCADA software and hardware programs. OCC provided a quote for the additional control panels needed for the SCADA system for a total cost of \$61,859. Their quote is attached.

Miscellaneous

HRG has not received the remaining MSI data from RedZone to-date which includes the critical sections from manhole 1221 to 1208 downstream of the Taylor Run Pump Station discharge. As a result, HRG will attempt to complete an inspection utilizing our pole camera with zoom capabilities to identify condition assessments at the manhole connections (at a minimum). HRG has met with Township Staff to review the scope of the Priority A Interceptors and continues to work on the preliminary design for the rehabilitation work. The rehabilitation work requires further coordination with Township Staff to verify the location and configuration of sewer facilities in the project areas of Lincoln Avenue, Washington Street, and the WWTP. Once these items are confirmed, we will provide an updated cost estimate.

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.)