



**ENGINEER'S REPORT
WEST GOSHEN SEWER AUTHORITY**

May 29, 2020
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The following summarizes our recent activities performed on behalf of the West Goshen Sewer Authority (Authority) and West Goshen Township (Township) from May 1, through May 29, 2020:

Projects in Construction

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

The GC completed the installation of the sump pump for the waste gas burner vault and is working on obtaining the material to complete the installation of the roller. Their schedule indicates that all work will be complete in June 2020. At that time we anticipate final payment to EEC and closeout of the Contract.

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

HRG continues to have weekly coordination meetings every Monday morning at 7:30am via Zoom to ensure communication and coordination between all parties for activities scheduled during the week to limit interaction between the Contractors and Township Staff. Contractor has pulled off of the jobsite as of May 12 due to availability of 24" fittings required for a required alignment change of the piping layout. Contractor is expected to return to the site June 1 to resume work on the yard piping and pipe relocation. HRG's RPR will be on-site observing and reporting on the work. A Monthly Construction Progress meeting, via Zoom, has also been scheduled for June 1. The additional fittings and work associated with the additional yard piping replacement will be completed under the existing allowance.

Other Projects/Tasks

Pump Station Phase II Improvements (007608.0441):

Trinity Drive Pump Station Improvements

Bid opening for the Trinity Drive Pump Station Replacement Project is scheduled for 10:00AM on June 3. A full verbal report will be provided at the Authority's Meeting.

Westtown Way Pump Station Upgrade

We have updated the design of the pump suction and discharge piping, updated pump calculations, updated the design drawings, and coordinated with vendors on the proposed generator in addition to the flow meter location. The WQM Part II Permit application documents have been updated and we expect to submit the application in June 2020. Coordination work with PECO continues and we have prepared exhibits of the proposed generator location for review by the Township Staff.

Taylor Run Pump Station Improvements

HRG continues to work on design of the Taylor Run Pump Station improvements. The grinder has been sized and we are in the process of updating the drawings to include the electrical design. We anticipate having a COSTARS quote for the grinder for the Authority's next meeting.

Fern Hill Pump Station Sewage Grinder Replacement Project

HRG sized the grinder and prepared design drawings including electrical design. We are waiting on a COSTARS quote for the grinder purchase. We anticipate having the quote for the Authority's next meeting.

Priority A Interceptor Project:

The Notices of Award and Notices to Proceed were issued to each Contractor on May 11, 2020 and a pre-construction conference was held virtually through Zoom on May 19, 2020. We are still awaiting preliminary schedules from each Contractor, but each Contractor is expected to start Work by July 2020. A schedule will be provided as soon as it is received.

Aeration System Improvement Project (007608.0453):

The draft bidding documents were submitted to the Township Staff for review. Once comments are received and addressed, we will coordinate with the Township Staff for advertising the project for public 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.
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.)