



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

January 31, 2020

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369 East Park Drive  
Harrisburg, PA 17111  
(717) 564-1121  
FAX (717) 564-1158

The following summarizes our recent activities performed on behalf of the West Goshen Sewer Authority (Authority) and West Goshen Township (Township) from January 3, through January 31, 2020:

**Projects in Construction**

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

*A meeting was held on December 3<sup>rd</sup> with the Contractors (GC and EC) to discuss completion of the remaining punchlist items. An application for payment was submitted by the General Contractor in November; however, HRG did not make a recommendation to the Authority for payment as no payment is due until all remaining punch list items have been completed.*

The GC continues to work through all of the punch list items and has completed repair of the Primary Digester Mixer and is working with Shand & Jurs and Dutchland on the two major items remaining. A verbal report and recommendation will be provided in regards to the digester cleaning claim. We are hopeful that all remaining items will be addressed during the February 11 site visit scheduled by Shand & Jurs.

*Closeout documents have been sent to Garden Spot Electric for Contract 17-6. Once the finalized closeout documents are received they will be provided to all parties and the Final Application for Payment will be provided to the Authority for approval.*

*Final payment has been approved for Contract 17-7; however, we have not received final closeout documents.*

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

McKenney Construction, LLC and Garden Spot Electric, Inc. have successfully completed all the punch list items. All closeout documents are finalized and will be provided at the Authority's February meeting.

HRG recommends to approve the following Applications for Payment:

- Application for Payment No. 5 - FINAL for Contract WC-1 (Woodcrest Pump Station Improvements Project) to McKenney Construction in the amount of \$70,288.90
- Application for Payment No. 2 for Contract WC-2 (Woodcrest Pump Station Improvements Project) to Garden Spot Electric in the amount of \$40,550.40
- Application for Payment No. 3 - FINAL for Contract WC-2 (Woodcrest Pump Station Improvements Project) to Garden Spot Electric in the amount of \$9,705.60

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

All Contractors are currently working on submittals. HRG is reviewing submittals as they are received, including those for the Owner's supplied equipment.



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The Contractor has placed E&S Controls at the site and will begin underground utility locating work February 5<sup>th</sup> through February 7<sup>th</sup>. Work is expected to begin on-site with mobilization and demolition of the abandoned trickling filters, on or near February 17, 2020. A construction progress meeting will be scheduled mid-February to review schedule and discuss construction coordination.

**Other Projects/Tasks**

**Pump Station Phase II Improvements (007608.0442):**

The bid documents for the Trinity Drive Pump Station are in the process of being finalized. We are currently working to have the bidding documents completed and ready for final review with the Township Staff in February. Upon their approval, we respectfully request authorization to publically bid the Project. COSTARS quotes for the grinder pump and control panel, generator, ATS, and docking station, as well as the pump control panel will be presented to the Authority for approval at the Authority's March Meeting.

**Priority A Interceptor Project:**

We are in the process of finalizing the bidding documents. We will conduct a final review with the Township Staff and have the Project ready for public bidding by February 14, 2020. We respectfully request the Authority's consideration to advertise the Project for public bids following the Township Staff's approval.

**Aeration System Improvement Project (007608.0453):**

A hybrid blower and dissolved oxygen instrumentation has been selected and approved by Township Staff. The PA DCED confirmed that the Authority can purchase the equipment through COSTARS and provide it as Owner Procured Equipment as part of the Bidding Documents. We are currently working to produce a set of Bidding Documents and intend to have this Project ready for public bids by the Authority's May meeting.

**Annual Consulting Engineer's Report:**

HRG will begin working on the Annual Consulting Engineer's Report and will have the report completed for submission to the Bond Trustee by the March 30, 2020 deadline. The report will be reviewed with the Authority at the Authority's April Meeting. HRG is proposing to complete the report again in 2020 for a time and materials fee not-to-exceed \$4,500.

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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.)