

ENGINEER'S REPORT

Pottstown Borough Authority

September 16, 2022

The following summarizes our recent activities performed on behalf of the Pottstown Borough Authority (Authority) from July 15, 2022, through September 16, 2022:

Capital Projects

Water Treatment Plant Improvements – Air Scour System

Pottstown Borough Staff continues to work on the Project. Once ready, HRG and Roberts Filter will provide start-up services to place each filter back into service.

LT2 Enhanced Surface Water Rule: UV Installation Project

All of the Owner Procured Equipment has been delivered to the WTP. A.N. Lynch (WTP-21-2 – Electrical Construction) is approximately 70% complete with their work and have completed the installation of the distribution gear package, panel feeder conduits and wire, panels & transformers, UV feeders, and terminations at existing MCC. A.N. Lynch will need to coordinate with Blooming Glen (WTP-21-1 – General Construction) to complete the remainder of their work.

HRG recommends formal approval of Change Order No. 2 for Contract WTP-21-2 (Electrical Construction).

Blooming Glen originally scheduled to start construction on September 7, 2022 and arrived onsite without all of the materials and equipment required to perform the work. Blooming Glen is now scheduled to start as late as September 29, 2022 due to delays in their material delivery.

Due to the delays of the contractors and equipment, HRG is attempting to coordinate another extension of the CO&A with PADEP that currently has a deadline of November 3, 2022, for construction completion and December 7, 2022 for the amended operation permit to incorporate the UV treatment for Cryptosporidium. We are requesting an additional 60 days to ensure that the project is completed on time.

WWTP Capacity Upgrades Project

HRG has finalized the design and deliverables for the WWTP Capacity Upgrades Project at the Pottstown WWTP. A final review meeting was completed on August 16, 2022, to review and confirm hydraulic and operational discussion items for the project final design. During the final design process, HRG coordinated with PA DEP and was able to avoid the WQM Permit requirement due to alternations in the scope of work. HRG has completed the design, design memorandum, hydraulic profile calculations, and High Flow Management Plan for the project, however, we are waiting for product information and quotes from vendors for the following items: magnetic flow meter, air release valve, and concrete valve vaults. HRG submitted the design package to Mr. Wagner to avoid any further delays, and a final cost estimate and the remaining cuts sheets will be provided upon receipt. It is important to note the current concerns with material delays that may push the project into 2023.

Miscellaneous Projects

2023 to 2033 Capital Improvements Plan (Water and Sewer)

There are no further updates since the January 2022 Engineer's Report.

WTP NPDES Permit Renewal Application

HRG previously submitted the NPDES Permit Renewal Application for the Pottstown Water Treatment Plant (NPDES Permit No. PA0052647) on May 26, 2022. PADEP had issued a draft permit on June 22, 2022, and most recently issued a final permit on August 11, 2022 (following coordination with PBA Staff).

WTP Log Inactivation Calculation Review

No significant updates from the May 2022 Report

Water Valve Exercising Program

No significant updates from the July 2022 Report.

HRG will continue to ensure that all work under Contract No. VP-1 is conducted in conformance with the Scope of Work and intent of the executed Agreement. HRG has informed Wachs that future year efforts are to be completed only during the warmer months (April to October) to minimize cold-weather related field issues.

WTP DRBC Docket Renewal

On behalf of the Authority, HRG submitted the required DRBC Docket No. D-2013-022 CP-1 Renewal Application for the Pottstown Water Treatment Plant (NPDES Permit No. PA0052647) to the DRBC Project Review Section on August 22, 2022. The DRBC docket renewal application (which was submitted in hardcopy form to meet the October 5, 2022 submission deadline), incorporated the provisions of the Pottstown Water Treatment Plant's renewed NPDES Permit No. PA0052647 and included the required application fee of \$2,586.00 with late penalty. HRG maintains a full electronic copy on file.

Funding Opportunities

Lead Line Replacement Initiative

Revisions made to the Lead and Copper Rule by the EPA include creating a summary inventory of lead services in the system and creating a lead service replacement plan by October 26, 2024. The new requirements also identify that the replacement of lead, galvanized service pipe, and unknown pipe (non-plastic and non-copper) downstream of any lead service (within private property) is required. The public utility is not responsible for the cost of the replacement of the private service, but it must at least offer to replace the service. If the service is only partially replaced, the water system owner must provide the consumer with a pitcher filter or point-of-use device with 6 months of replacement cartridges.

On July 18, 2022, the Authority application (ID MPRF-22-226) has been approved for funding of \$2,750,000 in grant under the Montgomery County ARPA (American Rescue Plan Act) Grant Funding Program. To accommodate the grant funding offer, the Authority has decided to reduce the scope of work from replacing 700 lead service lines to 220. HRG has worked with the Authority in the last two months to meet with the Recovery Office staff and submit all required documents to move forward with accepting the grant funding offer. HRG plans to continue and complete final design efforts for this project.

HRG has been coordinating with an ElectroScan Inc. representative to receive information and references for the SwordFish product which identifies lead services without test holing. The representative has yet to provide any references since it has just recently been launched (June 2022) and is now getting into the field for work. The representative plans to forward over references by the end of September and has offered to provide a demonstration of the SwordFish product in Pottstown if the Authority is interested.

Land Development

Hanover Square Commercial Development

Approval of the Contractor's formal bond release request (dated July 27, 2021) is contingent upon acceptance of the required sanitary manhole correction work by Public Works. The Contractor reported that the work has commenced and is currently coordinating with Public Works to setup a site meeting.

Lower Pottsgrove Township Municipal Complex Development

There are no further updates since the July 2022 Engineer's Report.

243 Shoemaker Road (Specialty Chemical Systems, Inc.) Development

No significant updates from the July 2022 Report.

Following project reactivation, HRG continues to collaborate with the Design Engineer and provide technical assistance on items related to the original land development review letter (dated July 7, 2021). This includes direction and correspondence on the parcel's sewer connection, as well as PADEP Sewage Facilities Planning Module Exemption Request comments. HRG expects a land development resubmission to follow.

759 Sheridan Street (Sheridan Street Subdivision) Development

There are no further updates since the July 2022 Engineer's Report.

14 Robinson Street (Permabond, LLC) Development

There are no further updates since the July 2022 Engineer's Report.

451 Keystone Boulevard (Pottstown Sustainable Energy Plant) Development

There are no further updates since the July 2022 Engineer's Report. The approved O&M Agreement was partially executed by Pottstown Sustainable Energy Plant in December 2021 and has been sent to the Authority Solicitor for completion and execution.

200 Shoemaker Road (Chipotle) Development

HRG has performed three (3) land development reviews for the proposed water and sewer systems (most recent letter issuance date of August 5, 2022). The August 5, 2022 review letter identified that all comments presented in the prior May 27, 2022 correspondence had been satisfactorily addressed, and that the PennDOT Highway Occupancy Permit (HOP) required for the sanitary sewer abandonment work within the S.R. 0100 (State Route 100) Right-Of-Way was issued on July 27, 2022. The Design Engineer had previously provided HRG with the PADEP Sewage Facilities Planning Module Exemption Letter for the project, dated March 22, 2022.

860 Beech Street (Hill School Turf Field) Development

HRG has performed three (3) land development reviews for the proposed water and sewer systems (most recent letter issuance date of July 20, 2022). The July 20, 2022 review letter identified that all comments presented in the prior June 3, 2022 correspondence had been satisfactorily addressed.

816-842 Queen Street Land Development

A revised land development submission was received on September 11, 2022. HRG is currently performing the second land development review for the proposed water and sewer systems and expects to submit the corresponding review letter by the end of September. HRG will continue to collaborate with the Design Engineer to address all comments provided in the review letter.

204 Shoemaker Road (Panera) Development

HRG has performed one (1) land development review for the proposed water and sewer systems (letter issuance date of June 10, 2022). We continue to collaborate with the Design Engineer to provide technical direction on the project and address all comments provided in this review letter. Notably, HRG's involvement

has included a series of two (2) Zoom meetings requested by the Design Engineer in June 2022 (to talk through the design concept relative to our comments and to ensure conformance with Authority standards) as well as follow-up discussions and a request in August 2022 to provide a PBA Standard Details package for both Water and Sanitary Sewer items. HRG expects a land development resubmission to follow.

Please feel free to contact me if you have any questions regarding this report or any other items.

Respectfully Submitted,

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