

ENGINEER'S REPORT

Pottstown Borough Authority

January 13, 2023

The following summarizes our recent activities performed on behalf of the Pottstown Borough Authority (Authority) from December 9, 2022 through January 13, 2023:

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

Blooming Glen (WTP-21-1 – General Construction) has completed the installation of all six (6) UV units and have been tested for leaks under normal operating conditions. The remaining work on Contract WTP-21-1 includes painting of the installed piping and providing the proper pipe supports based on the final alignment of the installed pipe.

A.N. Lynch is substantially complete with their work and have completed the installation of the distribution gear package, panel feeder conduits and wire, panels & transformers, UV feeders, terminations at existing MCC and connections to the existing flow meters. A.N. Lynch has requested Substantial Completion on November 9, 2022. A walk through of the site was performed the week of December 5, 2022 to identify remaining items to be completed or corrected.

A PADEP site walk through was performed on December 20, 2022 where Plant Staff demonstrated knowledge of operational aspects of the UV units. A Certificate of Construction was submitted to PADEP along with the Permit Fee Check on January 12, 2023 and anticipates receiving the Temporary Operations Permit the week of January 23, 2023. Upon receiving the Temporary Operations Permit, HRG will review the Draft Permit language and coordinate with DEP to attain favorable conditions with the operations of the UV system as well as the previously approved Turbidity Toolbox. Once the Operators have been properly operating the UV units for at least 30 days, the permanent Operations Permit can be requested from PADEP.

WWTP Capacity Upgrades Project

The Authority began excavation for the Project and identified that the elevation of the Lower Pump House force main (to be tapped into) was not accurately recorded in the WWTP record drawings and is over 10 ft deeper than expected. Plant Staff has identified an alternate location onsite with a depth of approximately 4 ft that will be utilized in lieu of the originally proposed location. HRG will work with the Plant Staff to provide the alternative solution updates to DEP and provide any required amendment to the High Flow Management Plan.

Miscellaneous Projects

WTP Log Inactivation Calculation Review

HRG is working with PA DEP to provide the required calculations based on previous correspondence with Plant Staff. Previous coordination with Plant Staff indicated that some of the permitted volumes have

discrepancies and may incur a permit revision. HRG will be sending correspondence to Plant Staff to rereview the results of the log inactivation calculation review.

PBA July 2022 Violation Review

HRG coordinated with PBA staff in September 2022 to ensure violations were amended. Final documentation and response to DEP is pending clarification on the lead and copper tap sample siting plan.

Water Valve Exercising Program

No significant updates from the May 2022 Report.

WTP DRBC Docket Renewal

No significant updates from the September 2022 Report.

Funding Opportunities/Projects

Lead Line Replacement Initiative

Phase 1 – Lead Service Replacement Project (PENNVEST Funding)

HRG has sent a Notice of Intent to Award (NOITA) to the apparent lowest responsible bidder (Joao & Bradley Construction Co., Inc.) on behalf of the Authority. The partially executed signed Contract Documents from bidder were received and reviewed by HRG and the Authority's Solicitor. HRG will have the documents ready for the Authority's execution at the January Authority Meeting.

The Authority plans to accept a grant and loan amount of \$1,285,000 from PENNVEST (\$785,135 Grant and \$499,865 Loan) to fund this Project. The PENNVEST settlement deadline is set for January 26, 2023, and HRG will issue the Notice to Proceed (NTP) to the awarded Contractor shortly after this date.

Phase 2 – Lead Service Replacement Project (ARPA Funding)

The Authority has accepted and signed agreements with the Montgomery County ARPA (American Rescue Plan Act) Grant Funding Program to receive a grant of \$2,750,000 to fund the Phase 2 – Lead Service Replacement Project. The first payment for this funding was received by the Authority on December 12, 2022, via check. Future payments for the funding will be received via direct deposit. A payment for approximately \$1,084,400 is anticipated to be received on March 31, 2023.

HRG plans to continue and complete final design efforts for this project after the Phase 1 Project investigation phase is completed and the project area for Phase 2 can be better defined. HRG will continue to coordinate with the Recovery Office staff for any other action items required for the grant.

CFA Small Water & Sewer Grant Programs

HRG has completed and submitted the CFA PA Small Water and Sewer Program Grant Application for the Lower Pump House (LPH) Generator Project on December 21, 2022. This Project proposes the installation of a stand-by generator at the LPH Pump Station to aid in providing continued service to users during power outages at the facility.

The total project cost is anticipated to be approximately \$499,935; where \$424,943 will be requested for grant and \$74,992 will have to be locally matched due to the grant guidelines (a minimum of 15% of the project amount must be matched). HRG will coordinate with the Authority for any other information/action items required by the funding office for the application.

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 previously met with Public Works and had reported that the work will be completed in the near future.

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

Lower Pottsgrove Township Municipal Complex Development

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

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

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

759 Sheridan Street (Sheridan Street Subdivision) Development

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

14 Robinson Street (Permabond, LLC) Development

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

451 Keystone Boulevard (Pottstown Sustainable Energy Plant) Development

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.

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

200 Shoemaker Road (Chipotle) Development

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

860 Beech Street (Hill School Turf Field) Development

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

816-842 Queen Street Land Development

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

204 Shoemaker Road (Panera) Development

HRG is awaiting the formal, final land development submission in order to perform the fourth and final land development review for the proposed water and sewer systems, and to close the review process out administratively. It is our understanding that minor final project coordination is ongoing between the Design Engineer and the Borough Engineer on unrelated items.

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

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

Respectfully Submitted,

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