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## **ENGINEER'S REPORT**

### **POTTSTOWN BOROUGH AUTHORITY**

Report Period: January 14, 2023 – March 16, 2023  
HRG Project Number: R007010.0449

March 16, 2023

The following summarizes our recent activities performed on behalf of Pottstown Borough Authority (Authority) from January 14, 2023, through March 16, 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 are working on the remaining Punchlist items. Remaining items include the installation of the pipe supports, pipe painting and exterior rehabilitation. There is a pending Change Order for the fabricated pipe supports that are required for the installed UV piping. It is anticipated that the remaining work on Contract WTP-21-1 will be completed in the next two (2) months.

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. The contractor has completed all punch list items and has requested final completion. The Closeout Document Package will be issued the week of March 20, 2022. Original copies will be provided to the Contractor, Pottstown Borough Authority and the Authority Solicitor.

Plant Operators are working with the UV system SCADA unit to finalize the report formatting required for PADEP. Upon completion, the Authority will request for a Final Operating Permit from PADEP.

## **WWTP CAPACITY UPGRADES PROJECT**

The Plant Staff began work on an alternative solution at a location where the force is at a higher elevation. HRG will continue to coordinate with Plant Staff as needed, provide updates to DEP and prepare an amendment to the High Flow Management Plan as may be required with the alterations.

## **OTHER PROJECTS/TASKS:**

### **WEST POTTS GROVE WAWA**

HRG attended the West Pottsgrove Township ZHB meeting on March 9, 2023 seeking party status on behalf of the Authority. Party status was granted with an objection on the record by the Applicant's attorney. This matter will be discussed in further detail at the Authority's March meeting.

### **WTP LOG INACTIVATION CALCULATION REVIEW**

HRG completed the required calculations based on previous correspondence with Plant Staff in the fall. Previous coordination with Plant Staff indicated that some of the permitted volumes have discrepancies and may incur a permit revision. These values should be reviewed again by Plant Staff to ensure accuracy prior to initiating the revision to the permit.

### **WTP VIOLATION ITEMS**

HRG has been coordinating with Plant Staff to resolve outstanding violations identified from DEP's January 25, 2023 inspection and as a result of a turbidity exceedance observed at the WTP. These violations, which included issues with the Comprehensive Monitoring Plan, Lead and Copper Rule Sample Siting Plan, Disinfection Byproducts Rule Compliance Monitoring Plan, Total Coliform Sample Site Plan, Disinfection Residual Sample Siting Plan, Filter Bed Evaluation Program, and failure to notify DEP within 1-hour of the identified turbidity exceedance, have mostly been resolved. DEP also required the distribution of a Tier 2 Notice for the turbidity exceedance, notifying customers of the issue. DEP still requires information for the Lead and Copper Rule Material Survey, but all other violations have been closed out.

### **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:**

### **Phase 1 – Lead Service Replacement Project (PENNVEST Funding)**

The contract start date was February 3, 2023 and substantial completion is anticipated for August 17, 2023 (195 days after the contract start date). The contractor has begun the lead service investigation phase of the Project via test pitting at the curb stops of the Project areas. As of March 15, 2023, the contractor has evaluated 117 of the 272 potential properties in the Project Areas. From the evaluation, there were 35 lead service lines identified within the public R.O.W and a total of 2 lines requiring replacement within the private property. The contractor anticipates completing the lead service investigation phase of the Project in early April 2023.

HRG will work with the Solicitor, if authorized by the Authority to coordinate and execute agreements with private replacement property owners. HRG will also work with Borough Staff to notify affected property owners of the lead service replacements as well as the purchase and distribution of Filter Pitchers .

### **Phase 2 – Lead Service Replacement Project (ARPA Funding)**

A payment for approximately \$1,084,400 is anticipated to be received from the Montgomery County ARPA (American Rescue Plan Act) Grant Funding Program 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.

*There are no significant updates on this Project since the January 2023 Report.*

## **CFA SMALL WATER & SEWER GRANT PROGRAMS**

Note that per a policy made in the last CFA Meeting, engineering costs will not be covered under the grant portion. HRG will coordinate with the Authority for any other information/action items required by the funding office for the application.

*There are no significant updates on this Project since the January 2023 Report.*

## **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 POTTS GROVE 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 DEVELOPMENT**

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

## 204 SHOEMAKER ROAD (PANERA) DEVELOPMENT

HRG has performed four (4) land development reviews for the proposed water and sewer systems (final letter issuance date of January 26, 2023), and one (1) sewer capacity review for the project. The January 26, 2023 review letter identified that all comments presented in the prior November 11, 2022 correspondence had been satisfactorily addressed.

## 157 EVERGREEN ROAD (LPT WAWA) DEVELOPMENT

HRG and Mr. Keller coordinated and distributed the willingness to serve notice to the developer for their Sewerage Facility Planning Module. There have been no plans received from the developer to-date.

Herbert, Rowland & Grubic, Inc.



Cory J. Salmon, PE, PMP  
Group Manager | Water & Wastewater

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### Enclosures

c: Justin Keller, Authority Manager  
Douglass Yerger, Public Works Director  
Brent Wagner, Utilities Director  
Joshua Fox, PE  
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