The following summarizes our recent activities performed on behalf of the Pottstown Borough Authority (Authority) from December 12, 2020 through January 14, 2021:

**Capital Projects**

**Water Treatment Plant Improvements – Air Scour System (R007010.0433)**

Final Construction Drawings have been provided to the Borough Staff for review and coordination. We are working through minor questions with the Team. Once the blowers arrive on-site the Team can proceed with securing the final materials to install the equipment.

**LT2 Enhanced Surface Water Rule: UV Installation Project**

HRG is continuing to work on the modified Engineers Report to address additional questions from the PADEP related to the control and operation of the UV units and filter isolation valves as well as to confirm all required alarm conditions. As part of this work, HRG will be recommending to the PADEP that the acceptable existing dual media filtration rate be increased from the original design filtration rate of 1.98 gpm/ft² to 3.0 gpm/ft². This increase is validated by the dual media filters (which are typically rated at 4.0 gpm/ft²) and the ability to effectively treat 12.0 MGD through 4 filters (for a total of 3.0 MGD per filter). As a result, HRG is evaluating the option for increasing the UV reactor size from 8-inch to 10-inch to allow for more flexibility in operating the filters and to avoid any additional special conditions that may be added to the UV Operations Permit. In addition, we continue to work with a stainless steel fabricator to customize a manifold for the UV system piping. Electrical and control design is being coordinated with the Air Scour System Improvements Project. Work remains on target for compliance with the Consent Order and Agreement and the estimated project cost is still within budget.

**PADEP 1 Log Giardia Inactivation Forms:**

On December 2, 2020, HRG provided email correspondence to the PADEP clarifying the Operators sampling procedures as it relates to the Public Water Supply Permit No. 4620524 Special Conditions. At this time, all outstanding items related to the PADEP 1 Log Giardia Inactivation Forms have been addressed.

At the request of Borough Staff, HRG will begin looking into ways to potentially increase the baffle factor in the sedimentation basins (such as performing another tracer study or adding additional baffles to the existing tanks). This work will need to be coordinated with the updated 5-year capital plan.

**2021 Water and Sewer Main Replacement Project**

HRG continues to work through the design of the 2021 Replacement Project. The Contract Documents are 90% complete and we have provided a copy of the preliminary drawings to Mr. Yerger for review. We anticipate having a preliminary design review meeting with Mr. Yerger in January 2021. After HRG’s meeting with Mr. Yerger, we will work on finalizing the Drawings and Documents for public bidding.

**Spring Valley Farms Development – Phase 3**

Phase 3 – HRG completed a site walkthrough with Allan Myers on July 2, 2020 to review the punch list items from March 2020. 10 of the original 24 punch list items have not been addressed. HRG will coordinate with Allan Myers and complete a final walkthrough once the remaining 10 punch list items are adequately
addressed. As-built drawings were submitted for review, however Allan Myers has not completed the remaining punch list items to date. Some of the punch list items involved adjusting meters to the final grade and would change the measured elevations indicated on the provided as-builts. HRG is awaiting Allan Myers’ schedule for completing these items. HRG informed Allan Myers of this on several occasions and most recently on September 30, 2020 when Allan Myers requested an update on the review of the as-built drawings.

Allan Myers indicated that the remaining punch list items were completed. HRG met with Allan Myers on December 11, 2020 to inspect these remaining items, however, the remaining issues were not resolved. HRG will be meeting with Allen Myers again on January 15, 2021 as they have indicated the issues will be resolved by that date.

A water pressure issue was brought up by the home builders after the first of the year as a result in failing to meet sprinkler requirements in two homes. HRG has worked closely with the Public Works Director to provide support on this issue. With the current information we have, we believe that the issue is confined to the individual properties (service line or plumbing) and is not a larger issue.

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

Respectfully Submitted,

HERBERT, ROWLAND & GRUBIC, INC.

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