October 28, 2026

Mr. William Orlowsky, PE
Greater Pottsville Area Sewer Authority
401 North Centre Street
PO Box 1163
Pottsville, PA 17901-7163

Re: **Engineer's Report for October 2026**

Dear Bill:

Systems Design Engineering, Inc. (SDE) is pleased to provide you with this report of our engineering activities over the past month. We offer the following information for your consideration:

GENERAL ENGINEERING:

1. The Authority will have to file a new **Long Term Control Plan (LTCP)** for the CSO's with PA DEP by **April 30, 2028**. Note 85% of all flow will have to be treated at the WWTP.

2. SDE personnel have started implementing the **GIS program** and working with the Authority's intern. GPASA personnel have located over 4,254 system assets or approximately 75% of the system assets. The next steps are to connect lines in the GIS System from manhole to manhole and determine inverts of structures. The GIS System needs to be completed to provide a model of the system to complete the Long-Term Control Plan (LTCP).

3. **ACT 537 Update**: Please note the Long-Term Control Plan (LCTP) will need to be developed in conjunction with the ACT 537 Update for the entire system. The new NPDES Permit requirements will expand the scope of work required for ACT 537 Plan.

   SDE personnel are working on Task Activity Report and General Plan to prepare the Long-Term Control Plan (LCTP) and the ACT 537 Plan update. SDE personnel have been in contact with Authority personnel to obtain information for preparation of both plans.

WASTEWATER TREATMENT PLANT:

1. SDE has completed approximately 60% of the engineering design work on the UV disinfection system. ***SDE will be filing the PART II Water Quality Construction Permit with PA DEP next week.***

2. ***SDE is working on the sampling plan required by EPA for the pretreatment program. The sampling plan was filed with the EPA on October 23rd. EPA provided review comments on October 27th. SDE will be working with Tim Schultz to address the EPA comments.***

COLLECTION SYSTEM:

1. **Division Street Project:** Arthur "Pat" Aungst Inc. is diligently working on the project. Unknown and unmarked utilities have caused significant delays in the construction schedule.

   Original Contract Amount: $ 326,648.00

   Change Order No.1: $174,900.00. (Additional Work; storm sewers in Dicello parking lot)

   Change Order No. 2: $ 79,838.14. (Additional work in PennDOT ROW due to unknowns, etc.)

   Change Order No. 3: $ 88,714.00. (Additional work at 2nd & Division Sts: pipe, inlets, paving)

   Change Order No. 4: $ 57,820.00. (Additional work to pave the Dicello parking lot)

   Change Order No.5: $ 24,523.56. (Additional work - delays, utility conflicts with Manhole No.1)

   Total Contract Amount to date: $ 752,443.70

   *Requested Change Order No. 6 in the amount of **$ 16,407.99** due to moving the lamp hole into the sidewalk, backfilling the exploratory excavation on Second Street and sealing the temporary pavement edges in the PennDOT ROW. SDE recommends approval of this amount.* ***Total Contract Amount to date will be $ 768,851.69.***

   Aungst has requested approval of Application for Payment No. Three in the amount of $ 25,374.61. SDE recommends approval of this amount. Note this pays Aungst for all work complete to date minus 10 percent retainage.

   On October 21st, the City, Benesch, GPASA, and SDE met with Penn DOT to discuss slip lining the old stone arch that the current Division Street project ties into. This arch runs under Center Street and then under the building next to Bohrads and then under Logan Street and Down Fox Alley and ties into the Norwegian Creek Culvert. PennDOT has concerns with the slip lining process and has requested written approval and acceptance of the final design from all parties.

Penn DOT is willing to accept a change in work supplement to be submitted via the e-Permitting System. Note, the construction site is stabilized and can be left in its current condition through the winter months.

Aungst has given us a preliminary estimate of $ 360,000 to $ 400,000 to do this work. I am waiting on a final proposal from Aungst to perform this work.

2. **Mahantongo Street Project**: SDE is working on the designs for the project. Based on our meeting with the city and their Engineer, we should be able to finalize the Scope of Work for this project. We should have designs completed by the end of January. The project can be bid over the winter for spring/summer 2027 construction.

Sincerely,
SYSTEMS DESIGN ENGINEERING, INC.
Authority Engineer

John R. Poff, P.E.
Project Manager - Senior Engineer II
j.poff@sdei.net

c: GPASA Authority Members
Solicitor Edward Brennan