September 30, 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 September 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.

WASTEWATER TREATMENT PLANT:

1. SDE has completed approximately 35% of the engineering design work on the UV disinfection system.

2. SDE is working on the sampling plan required by EPA for the pretreatment program. I met with Tim Schultz last week to obtain information and review the previous sampling plan. The sampling plan will be filed shortly with the EPA.

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)

   Total Contract Amount to date: $ 727,920.14

   *Requested Change Order No. 5 in the amount of **$ 24,523.56** due to delays, utility conflicts with Manhole No. One. SDE recommends approval of this amount.* ***Total Contract Amount will be $ 752,443.70.***

   Aungst has requested approval of Application for Payment No. Two in the amount of $ 108,382.32. SDE recommends approval of this amount.

   Last week, the City & GPASA Engineering Committee met 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.

   Benesch inspected the arch several weeks ago and has concerns with the structural integrity of the arch with additional water flowing through it. Several solutions have been kicked around but at the joint meeting it was decided to pursue slip lining the arch with a new pipe and grouting the void between the outside of the new pipe and the inside of the arch. This work will require a

modification of the Penn DOT permit and subsequently delay construction till spring.

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 for this work.

2. **Mahantongo Street Project**: SDE is working on the designs for the project. Based on our meeting last week 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