

P | 800.257.2190

F | 717.838.3820

www.light-heigel.com

ENGINEERS SURVEYORS BUILDING CODE INSPECTORS MUNICIPAL SERVICES

**LIGHT-HEIGEL
& ASSOCIATES, INC.**

To: Greater Pottsville Area Sewer Authority Members
From: Light-Heigel & Associates, Inc. (LHAI)
Re: Consulting Engineer's Report (Status Report for Engineering Services)
Date: September 24, 2025

Market Street Separation Project - Corrective Action Plan/Act 537 Update (No. 25-0124)

- A) On July 18th, LHAI personnel attended a meeting with Acting Executive Director Bill Orlowsky and Scot Novatnak of PA DEP to review the changes to the ACT 537 Plan update. We are recommending that the phasing of the project be revised to better address the short and long term flooding problems downtown. As such, instead of separating Norwegian, Market and Arch streets out to 8th street and still conveying combined flows through these separated areas and to the Market Street CSO (No. 212), i.e. Old PHASE I of the project; LHAI recommends that we separate the Norwegian Street drainage basin out to 20th Street and Arch Street/Laurel out to the top of the drainage basin as Phase I of the Project. Phase II would be to separate Market Street out to the top of its drainage basin last. By phasing the project in this manner, we remove stormwater and stream flows from the Market Street drainage basin thereby mitigating potential flood waters. *LHAI has started work on the ACT 537 Plan Update.*
- B) *LHAI personnel attended a meeting with GPASA, the City of Pottsville and Senator Argall's office on September 11th to review the Urgent Needs Projects and the Authority's future projects. Please note based on a phone conversation, Scott Novatnak of PADEP does not believe either project is an emergency and both projects may require PA DEP Planning. The Authority should schedule a meeting with PA DEP as soon as possible.*

Port Carbon Manhole Investigation – Project No. 24-0052

- C) Two manholes still need to be inspected. Work will happen in 2025 when the Authority can secure adequate water for flushing. I have had a recent phone conversation with Jim Toehill, Port Carbon Borough Engineer. The Borough is replacing a portion of a stream retaining wall near one of the Authority manholes. We have requested pricing from the Borough's contractor to replace the manhole within the Borough's cofferdam as a change order to his contract with the Borough. The Authority will pay for the manhole replacement if the costs are reasonable. *We are still waiting on pricing from the Contractor to replace the manhole.*

Pretreatment Services – Project No. 24-0051

- D) The LHAI team continues to obtain information from numerous sources regarding the Per- and Polyfluoroalkyl Substances (PFAS) chemical family occurring in the treatment plant's biosolids. *We will be meeting with Lynn Strausser and Tim Schultz in the near future to review pretreatment limits in conjunction with the new NPDES permit limits for the Treatment Plant.*

Downtown Arch Collapse – Project No. 25-0018

E) On July 22, 2025, Mobile Dredging televised the existing arch to locate any pipe penetrations or laterals entering the line. We are waiting for their final report and video. We will incorporate this information into our final designs for the replacement of the stone arch. *LHAI personnel are working on the final design drawings and bid documents for the project. We anticipate putting the project out to bid late fall.*

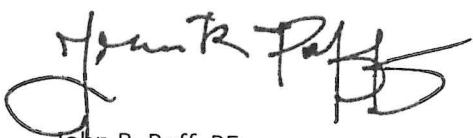
Investigation into Sewer System Flooding – Project No. 25-0020

F) In regard to the downtown flooding issues, LHAI has performed a review of the as-built drawings from the previous separation project. Based on this information we have a better understanding of the flooding situation on 2nd Street. *We are working on a plan to install a storm sewer system only on Division Street and Second Street to help mitigate the street flooding. This plan will include tying into the abandoned stone arch.*

G) *The LHAI team is working with the Acting Executive Director, Bill Orlowsky; to develop a detailed plan to mitigate the flooding issues. LHAI has provided Bill with the detailed geometry on the entrance and exit conditions of the Norwegian Creek Culvert. Based on our preliminary review of the entrance and exit conditions and stream stats, it appears the Culvert can convey the two year storm event but not more than the five year event. Please note this is a preliminary analysis and not a detailed H & H Study!*

H) On August 14, LHAI and our subcontractor completed the 3D Scan of the Norwegian Creek Culvert. We will provide a profile showing both the top and bottom of the culvert as well as cross-sections every 500 feet. Upon completion, LHAI will deliver to the Authority a CAD file, a PDF file and a ReCAP Point Cloud file. Tonight we will present a “DRAFT PLAN” of the existing culvert conditions. *The final scan drawings, documents and electronic files will be completed by October 3rd.*

If you have any questions or require any additional information, please contact me.
Respectively Submitted,



John R. Poff, PE

C: Keith Heigel, PLS, President
Thomas Schreffler, PE

430 East Main Street
Palmyra, PA 17078

Palmyra | Lancaster | Berks | Halifax | Schuylkill