



Herbert, Rowland & Grubic, Inc.
369 East Park Drive
Harrisburg, PA 17111
717.564.1121
www.hrg-inc.com

STORMWATER ENGINEER'S REPORT

LOWER PAXTON TOWNSHIP/AUTHORITY

Attn: Mike Gossert

Report Period: 08/27/25 – 11/25/25

HRG Project Number: R004807.0435

November 25, 2025

MS4 – TECHNICAL ASSISTANCE:

- HRG assigned tasks by LPT
 - MS4 Annual Reporting
 - A summary of activities required for the 2025-2026 MS4 Permit Year are provided below:
 - > **MCM-1:** The Township continues to exceed Public Education and Outreach requirements by publishing multiple stormwater related newspaper & newsletter articles, maintaining the Township's stormwater management website, and posting stormwater related information at the municipal building. Such material is periodically collected for inclusion in the Township's MS4 Annual Report.
 - > **MCM-2:** The Township met the MS4 permit requirements by holding at least one stormwater related public meeting during the 5-year permit term. The monthly Stormwater Authority meetings are open to the public to participate. The Township also solicited public input on the revised PRP as required. Stream cleanup activities and other examples of public involvement from community organizations, like the Paxton Creek Watershed and Education Association (PCWEA), are documented.
 - > **MCM-3:** The Township continues to meet permit requirements by maintaining an updated GIS based map of the stormwater collection and conveyance system. HRG performed outfall screenings in the Paxtonia and Union Deposit Road areas utilizing the Survey 123 mobile app. The Township continues to provide spill and sanitary sewer overflow reports to HRG for inclusion in the annual MS4 report. A large push is being made to inspect all outfalls to match compliance requirements. Documentation of dry weather flows is being updated in anticipation of new monitoring requirements for biannual monitoring.
 - > **MCM-4:** The Township continues to meet permit requirements by conforming to the conditions of the Memorandum of Understanding held with the Dauphin County Conservation District as it relates to implementation of the NPDES PAG-02 permitting program for construction activities. HRG also provides documentation on construction observation reports that E&S controls are installed and being maintained.

- > **MCM-5:** Similar to MCM-4, the Township continues to meet permit requirements by conforming to the conditions of the Memorandum of Understanding held with the Dauphin County Conservation District as it relates to implementation of the NPDES PAG-02 permitting program for construction activities. HRG continues to document the installation of Post Construction Stormwater Measures (PCSMs) on new land development projects. HRG conducts routine and complaint driven inspections of PCSMs to document their functionality. Identified deficiencies are reported to the Township for coordination of necessary maintenance/repairs.
- > **MCM-6:** The Township continues to meet permit requirements by providing Township Public Works and Sewer Authority staff annual MS4 training. The Township continues to maintain an inventory of all municipal activities, facilities, and operations that have the potential to contribute to stormwater pollution as required by their MS4 Permit. The annual MS4 training for municipal staff required by the permit will be provided prior to the June 30, 2026, permit year deadline.
- > **Annual Report for MS4:** Annual report was submitted for last year's cycle on 9/30/25. All efforts were in compliance with permit.

- Individual MS4 Permit renewal.
 - HRG submitted the Notice of Intent (NOI) and accompanying documentation for the MS4 permit renewal to PADEP prior to the February 1, 2025, deadline. The Township received final permit approval on April 21, 2025. The permit became effective on May 1, 2025, and is set to expire April 30, 2030.
- HRG's understanding of LPT tasks being completed in-house.
 - Continue coordinating with HRG, GHD, and the Township's GIS Manager on GIS mapping efforts.

MS4 – JOINT POLLUTANT REDUCTION PLAN (PRP) (PAXTON CREEK COLLABORATIVE - CRW, LPT, ST):

- PennDOT Partnership Program Management
 - All previous projects through the contract with RES have been completed, and it is our understanding that LPT/A is handling any future coordination with the other entities directly.

OUTSTANDING PROPOSALS:

- None.

DESIGN PROJECT STATUS:

- Melbourne Drive and Surrounding Area Drainage Improvements {HRG #R000184.0555}
 - HRG completed the preliminary design for the expanded project area. HRG provided the additional SUE Level A test pit locations to LPTA. LPTA is in progress of completing the SUE Level A test pits. Test pitting by LPTA is ongoing.

- Colonial Park Stormwater Improvements Project {HRG #R004807.0450}
 - Colonial Park Area A (Oak Park Circle) survey and basemapping are completed. Preliminary design has been completed and reviewed with LPTA staff. Test pitting has been completed by the subconsultant. HRG has received the test pit data and final plans are being prepared for review.
 - Colonial Park Areas B (Berryhill Rd/North Rd/South Rd) survey and basemapping have been completed. Preliminary design has been completed and reviewed with LPTA staff. Test pitting has been completed by the subconsultant. HRG has received the test pit data and final plans are being prepared for review.
 - Colonial Park Area C (Edwin Ave/Ricker Ave) survey and basemapping have been completed. HRG has completed preliminary design. A portion of the project area is in pursuit of a grant opportunity through the PA SWS grant program (estimated award is spring 2026). Preliminary design has been completed and reviewed with LPTA staff. Test pitting has been completed by the subconsultant. HRG has received the test pit data and final plans are being prepared for review.
- Conway Road Park Fill Site
 - Earthwork and final stabilization have been completed. HRG performed a cursory review of the as-built survey which was completed on 10/30/2025 and the grading appears to be consistent with the proposed plan.
 - HRG construction services team will be coordinating final punch list items, ESC control removal etc., with Doli in preparation for the Notice of Termination.
 - NPDES Annual Report was submitted to DCCD on 11/13/2025.
- Public Works Basin Water Quality Retrofit Project {HRG #R004807.0456}
 - LPTA staff have completed the construction of the basin and awaiting final seeding in Spring 2026.
- Utah Avenue Drainage Improvements {HRG #R004807.0456}
 - HRG has completed the Survey and Basemapping for the project area. HRG has completed preliminary design and reviewed with LPTA staff. HRG is finalizing plans and preparing for bidding a portion of the project in 2026.

CONSTRUCTION PROJECT STATUS:

- BC 7-8 Drainage Improvements – Design; {HRG #R000184.0539}
 - The project is complete, and contract closeout is underway.
- PC-3E and PC-1F Sanitary and Storm Sewer System Replacement and Rehabilitation Projects: HRG #R004807.0444}
 - Doli mobilized to the project site and began working in October 2024. Through mid-November 2025, Doli has completed pipe work in all areas west of N. Mountain Road and is currently working along Blue Eagle Ave. and surrounding areas. Base paving has occurred in portions of Colonial Club Dr., Lemar Ave., Santo Cir., Kingston Road, Clermont Dr., Blanchester Road, Banbridge Dr., and N. Lockwillow Ave. LPTA staff are periodically updating the Lower Paxton at Work website with completion status.

- Substantial and final completion dates set as September 27, 2025, and November 26, 2025, respectively. It is expected that base paving and concrete restoration work will continue until approximately the week of December 22, 2025. Just prior to the holidays, HRG, LPTA, and Doli will assess the amount of remaining work and process a time extension change order for final completion in the Spring 2026, factoring in additional time incurred to Doli from extra work that was added to the contract via past Field Orders and Work Change Directives.
- Work at the Conway Fill site has been substantially completed and a list of minor punchlist items was developed by HRG during a site visit on November 4, 2025. Once Doli addresses all punchlist items, the Notice of Termination (NOT) will be filed with the DCCD to close out the NPDES permit for the fill site.
- As required for the permits associated with the project, the NPDES Annual Report was submitted to DCCD on 11/13/2025 to fulfill LPT's annual reporting requirement.

■ Friendship YMCA Stormwater Basins Water Quality Retrofit Project {HRG #R004807.0451}

- Substantial Completion occurred on August 27, 2025. Final Grade Excavation, LLC will return in Spring 2026 to reseed as necessary for final stabilization.
- The dechlorination system has been operated by YMCA staff for 2 months, and LPTA has been successfully submitting NPDES eDMR reports. HRG will monitor any comments or questions from LPTA/YMCA.

MISCELLANEOUS ITEMS:

- Stormwater Fee Credit Application Reviews {HRG #R004807.0441}
 - There are no active credit applications under review.
- Emergency Contract Support {HRG #R004807.0440}
 - No work orders that necessitated HRG's involvement were developed in the last reporting cycle.
- Dauphin County Water Resource Enhancement Program (WREP) [HRG #R006524.0433]
 - Tri-County Regional Planning Commission is leading the planning objectives and activities for 2025. HRG's support is focused on project management for CAP Block Grant-funded projects.
- Stormwater Asset Management Plan {HRG #R004807.0459}
 - The AMP proposal was authorized on 8/28/2025 and the kickoff meeting with LPT/A and HRG occurred on 9/11/2025. Three workgroups were formed to usher the goals of the AMP forward with representation from HRG and LPT/A on all workgroups. Workgroups are meeting as necessary to move their tasks forward. The three groups include:
 - Finance/Planning
 - GIS
 - Asset Evaluation/Construction

- HRG has proposed 2/12/26 as the first project milestone in-person meeting. This meeting will present preliminary findings of the Condition Assessment, Concern Areas review, and the Regulatory Strategy.
- The GIS system was reviewed with LPT/A staff and consultants during Sept/Oct 2025 and prepared for use during the condition assessment.
- The condition assessment field work began on 11/03/2025 and is focused on the rapid condition assessment evaluation areas derived in the GIS from the paving plan, planned sanitary sewer work, concern areas, and the 2024 roadway AMP data. That work will continue through January 2026.
- LPT/A and HRG staff met multiple times to review concern areas across the Township. Where appropriate, those areas were added to the condition assessment evaluation areas. Concern areas are being analyzed by HRG staff to provide recommendations to LPT/A.
- Efforts were initiated on the regulatory strategy approach in October 2025. This will ensure efforts around the township are viewed through the regulatory lens and properly catalogued to meet regulatory requirements.
- Reviewed LPTA rate model and incorporated respective data within HRG's in-house rate model. Currently reviewing LPTA bond drawdown schedule for implementation within HRG model.

Herbert, Rowland & Grubic, Inc.

Jason R. Hinz

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c: Bill Weaver, LPTA
Larry Stepansky, LPTA
Mat Jaroslawski, LPT
Adam Kosheba, LPT
Jason Hinz, HRG
Ryan Cummings, HRG
Maitlin Greiner, HRG