COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2022 TO JUNE 30, 2023

GENERAL INFORMATION			
Permittee Name:	Franconia Township	NPDES Permit No.:	PAI 130005
Mailing Address:	671 Allentown Road	Effective Date:	March 1, 2021
City, State, Zip:	Telford, PA 18969	Expiration Date:	February 28, 2026
MS4 Contact Person:	Beth T. Gooch	Renewal Due Date:	August 28, 2025
Title:	Director of Planning and Zoning	Municipality:	Franconia Township
Phone:	215-723-1137	County:	Montgomery County
Email:	bgooch@franconia-township.org		
Co-Permittees (if applicable):			
Appendix(ces) that permittee is subject to (select all that apply): ☐ Appendix A ☐ Appendix B ☐ Appendix C ☐ Appendix D ☒ Appendix E ☐ Appendix F			

WATER QUALITY INFORMATION

Are there any discharges to waters within the Chesapeake Bay Watershed? ☐ Yes ☒ No

Identify all surface waters that receive stormwater discharges from the permittee's MS4 and provide the requested information (see instructions).

Receiving Water Name	Ch. 93 Class.	Impaired?	Cause(s)	TMDL?	WLA?
Indian Creek	WWF, MF	Yes	Municipal Point Source Discharges; Nutrients; Ag-Siltation; Urban Runoff/Storm Sewers; Rural Res - Siltation	Yes	Yes
West Branch Neshaminy Creek	WWF, MF	Yes	Ag-Siltation; Ag-Algae; Urban Runoff/Storm Sewers; Flow Regime Modification	Yes	No
Skippack Creek	TSF, MF	Yes	Urban Runoff/Storm Sewers-Flow Regime Modification; Habitat Modification - Other than Hydromodification-Habitat Alterations; Urban Runoff/Storm Sewers-Siltation; Agriculture-Siltation	Yes	Yes
East Branch Perkiomen Creek	TSF, MF	No		No	No

GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION

Have you completed all MCM activities required by the permit for this reporting period? ☐ Yes ☐ No

List the current entity responsible for implementing each MCM of your SWMP, along with contact name and phone number.

MCM	Entity Responsible	Contact Name	Phone
#1 Public Education and Outreach on Storm Water Impacts	Franconia Township	Beth Gooch	215-723-1137
#2 Public Involvement/Participation	Franconia Township	Beth Gooch	215-723-1137
#3 Illicit Discharge Detection and Elimination (IDD&E)	Franconia Township	Beth Gooch	215-723-1137
#4 Construction Site Storm Water Runoff Control	Franconia Township / Gilmore & Associates	Douglas Rossino	215-345-4330
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Franconia Township / Gilmore & Associates	Tony Frydlewicz / Douglas Rossino	215-723-1137 / 215-345-4330
#6 Pollution Prevention / Good Housekeeping	Franconia Township	Tony Frydelwicz	215-723-1137

MCM #1 – PUBLIC EDUCATION AND OUTREACH ON STORM WATER IMPACTS

BMP #1: Develop, implement and maintain a written Public Education and Outreach Program.

1. For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage?

   ☐ Yes ☐ No

2. Date of latest annual review of PEOP: June 2023 Were updates made? ☐ Yes ☒ No

3. What were the plans and goals for public education and outreach for the reporting period?

   The Township's goals were to continue with the regular schedule of publishing stormwater topics the Township's website and biannual community Newsletter. The Township also planned to update the Township's stormwater website and announce the status of Township MS4 projects at public meetings.

4. Did the MS4 achieve its goal(s) for the PEOP during the reporting period? ☒ Yes ☐ No

5. Identify specific plans and goals for public education and outreach for the upcoming year:

   The Township intends to continue to connect with residents to notify users of current, on-going stormwater-related issues through the biannual newletters, public meetings, and Township-sponsored, public events.

BMP #2: Develop and maintain lists of target audience groups present within the areas served by your MS4.

1. For new permittees only, have the target audience lists been developed and implemented within the first year of permit coverage?

   ☐ Yes ☐ No

2. Date of latest annual review of target audience lists: June 2023 Were updates made? ☐ Yes ☒ No

BMP #3: Annually publish at least one educational item on your Stormwater Management Program.

1. For new permittees only, were stormwater educational and informational items produced and published in print and/or on the Internet within the first year of permit coverage?

   ☐ Yes ☐ No

2. Date of latest annual review of educational materials: June 2023 Were updates made? ☐ Yes ☒ No

3. Do you have a municipal website? ☒ Yes ☐ No (URL: https://www.franconiatownship.org)

If Yes, what MS4-related material does it contain?
See Township website. www.franconiatownship.org for links to the Township's PRP Plan, MS4 project info, local watershed conservancy and other stormwater-related links such as "Ten Things I can do to help protect my water".

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:

5. Identify specific plans for the publication of stormwater materials for the upcoming year:
The Township will continue to update the Stormwater Management webpage on the Township's website, continue posting articles in FrancTalk Township Newsletter/E-newsletter and stock the Township lobby with the materials related to each of the target audiences. The Township will consider placing a placard at new Township BMPs including Godshall Park once completed. In partnership with the local Chamber of Commerce, the Township also intends on contributing stormwater articles to the community Newsletter to reach a larger audience.

BMP #4: Distribute stormwater educational materials to the target audiences.

Identify the two additional methods of distributing stormwater educational materials during the previous reporting period (e.g., displays, posters, signs, pamphlets, booklets, brochures, radio, local cable TV, newspaper articles, other advertisements, bill stuffers, posters, presentations, conferences, meetings, fact sheets, giveaways, or storm drain stenciling).

The Township's website includes a link to a volunteer form accessible to all target audiences. No other additional methods were utilized during this reporting period.

MCM #1 Comments:

MCM #2 – PUBLIC INVOLVEMENT/PARTICIPATION

BMP #1: Develop, implement and maintain a written Public Involvement and Participation Program (PIPP)

1. For new permittees only, was the PIPP developed and implemented within one year of permit coverage?

☐ Yes ☐ No

2. Date of latest annual review of PIPP: June 2023 Were updates made? ☒ Yes ☐ No

BMP #2: Advertise to the public and solicit public input on ordinances, SOPs, Pollutant Reduction Plans (PRPs) (if applicable) and TMDL Plans (if applicable), including modifications thereto, prior to adoption or submission to DEP:

1. Was an MS4-related ordinance, SOP, PRP or TMDL Plan developed during the reporting period? ☒ Yes ☐ No

2. If Yes, describe how you advertised the draft document(s) and how you provided opportunities for public review, input and feedback:

3. If an ordinance, SOP or plan was developed or amended during the reporting period, provide the following information:

Ordinance / SOP / Plan Name	Date of Public Notice	Date of Public Hearing	Date Enacted or Submitted to DEP
Ord. No. 418-23	3/2023	3/20/23	3/20/23

BMP #3: Regularly solicit public involvement and participation from the target audience groups using available distribution and outreach methods.

1. At least one public meeting or other MS4 event must be held during the 5-year permit coverage period to solicit participation and feedback from target audience groups. Was this meeting or event held during the reporting period?

   ☒ Yes ☐ No If Yes, Date of Meeting or Event:

2. Report instances of cooperation and participation in MS4 activities; presentations the permittee made to local watershed and conservation organizations; and similar instances of participation or coordination with organizations in the community.

   The Township underwent a Pond retrofit project as part of their approved TMDL/PRP Plan. The Township notified residents of the improvements and related correspondence transpired between the Township and residents. In addition, the Township coordinated with the local Perkiomen Watershed Conservency to take part in a stream cleanup event throughout the community which included the local Perkiomen and Indian Creek watersheds. In addition, the Township met with the Perkiomen Watershed Conservency to plan a tree planting event in conjunction with the Pond retrofit project.

3. Report activities in which members of the public assisted or participated in the meetings and in the implementation of the SWMP, including education activities or efforts such as cleanups, monitoring, storm drain stenciling, or others.

   The Perkiomen creek watershed stream cleanup was a success due to volunteers from the public, conservency, and municipal staff.

MCM #2 Comments:

MCM #3 – ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDD&E)

BMP #1: Develop and implement a written program for the detection, elimination, and prevention of illicit discharges into the regulated small MS4.

1. For new permittees only, was the written IDD&E program developed within one year of permit coverage?

   ☐ Yes ☐ No

2. Date of latest annual review of IDD&E program: June 2023 Were updates made? ☐ Yes ☒ No

BMP #2: Develop and maintain map(s) that show permittee and urbanized area boundaries, the location of all outfalls and, if applicable, observation points, and the locations and names of all surface waters that receive discharges from those outfalls. Outfalls and observation points shall be numbered on the map(s).

1. Have you completed a map(s) that includes all components of BMP #2? ☒ Yes ☐ No

   If Yes and you are a new permittee and have not submitted the map(s) previously, attach the map(s) to this report.

   If No, date by which permittee expects map(s) to be completed:

2. Date of last update or revision to map(s): Spring 2020

3. Total No. of Outfalls in MS4: 168 Total No. of Outfalls Mapped: 168

4. Total No. of Observation Points: 0 Total No. of Observation Points Mapped: 0

5. During the reporting period, have you identified any existing outfalls that have not been previously reported to DEP in an NOI, application or annual report, or are any new MS4 outfalls proposed for the next reporting period?

☐ Yes ☒ No If Yes, select: ☐ Existing Outfall(s) Identified ☐ New Outfall(s) Proposed

BMP #3: In conjunction with the map(s) created under BMP #2 (either on the same map or on a different map), the permittee shall develop and maintain map(s) that show the entire storm sewer collection system within the permittee's jurisdiction that are owned or operated by the permittee (including roads, inlets, piping, swales, catch basins, channels, and any other components of the storm sewer collection system), including privately-owned components of the collection system where conveyances or BMPs on private property receive stormwater flows from upstream publicly-owned components.

1. Have you completed a map(s) that includes all components of BMP #3? ☒ Yes ☐ No

   If Yes and you are a new permittee and have not submitted the map(s) previously, attach the map(s) to this report.

   If No, date by which permittee expects map(s) to be completed:

2. If Yes to #1, is the map(s) on the same map(s) as for outfalls and receiving waters? ☒ Yes ☐ No

3. Date of last update or revision to map(s): Spring 2020

BMP #4: Conduct dry weather screenings of MS4 outfalls to evaluate the presence of illicit discharges. If any illicit discharges are present, the permittee shall identify the source(s) and take appropriate actions to remove or correct any illicit discharges. The permittee shall also respond to reports received from the public or other agencies of suspected or confirmed illicit discharges associated with the storm sewer system, as well as take enforcement action as necessary. The permittee shall immediately report to DEP illicit discharges that would endanger users downstream from the discharge, or would otherwise result in pollution or create a danger of pollution or would damage property.

For new permittees, all identified outfalls (and if applicable observation points) must be screened during dry weather at least twice within the 5-year period following permit coverage. For existing permittees, all identified outfalls (and if applicable observation points) must be screen during dry weather at least once within the 5-year period following permit coverage and, for areas where past problems have been reported or known sources of dry weather flows occur on a continual basis, outfalls must be screened annually during each year of permit coverage.

1. How many unique outfalls (and if applicable observation points) were screened during the reporting period? 42 (Quad4)

2. Indicate the percentage of all outfalls screened in the past five years. 100%

3. Indicate the percent of outfalls screened during the reporting period that revealed dry weather flows: 0 %

4. Did any dry weather flows reveal color, turbidity, sheen, odor, floating or submerged solids? ☐ Yes ☒ No

5. If Yes for #4, attach all sample results to this report with a map identifying the sample location. Explain the corrective action(s) taken in the attachment.

6. Do you use the MS4 Outfall Field Screening Report form (3800-FM-BCW0521) provided in the permit?

   ☒ Yes ☐ No

   If No, attach a copy of your screening report form.

BMP #5: Enact a Stormwater Management Ordinance or SOP to implement and enforce a stormwater management program that includes prohibition of non-stormwater discharges to the regulated small MS4.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that prohibits non-stormwater discharges? ☒ Yes ☐ No

   If Yes, indicate the date of the ordinance or SOP: August 2014

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j) with respect to authorized non-stormwater discharges? ☒ Yes ☐ No

   If Yes to #2 and the ordinance or SOP has not been submitted to DEP previously, attach the ordinance or SOP.

3. Were there any violations of the ordinance or SOP during the reporting period? ☐ Yes ☒ No

If Yes to #3, complete the table below (attach additional sheets as necessary).

Violation Date	Nature of Violation	Responsible Party	Enforcement Taken

4. Did you approve any waiver or variance during the reporting period that allowed an exception to non-stormwater discharge provisions of an ordinance or SOP? ☐ Yes ☒ No

If Yes to #4, identify the entity that received the waiver or variance and the type of non-stormwater discharge approved.

BMP #6: Provide educational outreach to public employees, business owners and employees, property owners, the general public and elected officials (i.e., target audiences) about the program to detect and eliminate illicit discharges.

1. Was IDD&E-related information distributed to public employees, businesses, and the general public during the reporting period? ☒ Yes ☐ No

   If Yes, what was distributed? FrancTalk newsletter, including E-newsletter, is available to all target audiences and included information related to illicit discharges. The Township's Stormwater Website states "Any illicit discharge as defined in the newly adopted ordinance is a violation of the code, and those who dump will be guilty of a misdemeanor and subject to a fine. Please call the Stormwater Hotline to report illicit discharges or anything that might pollute our streams at 215-723-1137" Links are also provided to EPA/DEP websites related to illicit discharges. Further the public works department, public officials and staff intends on attendingseminars and meetings regarding these issues in a typical year.

2. Is there a well-publicized method for employees, businesses and the public to report stormwater pollution incidents?

   ☒ Yes ☐ No

3. Do you maintain documentation of all responses, action taken, and the time required to take action? ☒ Yes ☐ No

MCM #3 Comments:

MCM #4 – CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Are you relying on PA's statewide program for stormwater associated with construction activities to satisfy this MCM?

☒ Yes ☐ No

(If Yes, respond to questions for BMP Nos. 1, 2 and 3 only in this section. If No, respond to questions for all BMPs in this section)

BMP #1: The permittee may not issue a building or other permit or final approval to those proposing or conducting earth disturbance activities requiring an NPDES permit unless the party proposing the earth disturbance has valid NPDES Permit coverage (i.e., not expired) under 25 Pa. Code Chapter 102.

During the reporting period, did you comply with 25 Pa. Code § 102.43 (relating to withholding building or other permits or approvals until DEP or a county conservation district (CCD) has approved NPDES permit coverage)?

☒ Yes ☐ No ☐ Not Applicable (no building permit applications received)

BMP #2: A municipality or county which issues building or other permits shall notify DEP or the applicable CCD within 5 days of the receipt of an application for a permit involving an earth disturbance activity consisting of one acre or more, in accordance with 25 Pa. Code § 102.42.

During the reporting period, did you comply with 25 Pa. Code § 102.42 (relating to notifying DEP/CCD within 5 days of receiving an application involving an earth disturbance activity of one acre or more)?

☒ Yes ☐ No ☐ Not Applicable (no building permit applications received)

BMP #3: Enact, implement and enforce an ordinance or SOP to require the implementation and maintenance of E&S control BMPs, including sanctions for non-compliance, as applicable.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of E&S control BMPs? ☒ Yes ☐ No

   If Yes, indicate the date of the ordinance or SOP: Ord. 377, August 2014, Chapter 122

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? ☒ Yes ☐ No

3. If Yes to #2 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #4: Review Erosion and Sediment (E&S) control plans to ensure that such plans adequately consider water quality impacts and meet regulatory requirements.

Specify the number of E&S Plans you reviewed during the reporting period:

BMP #5: Conduct inspections regarding installation and maintenance of E&S control measures during earth disturbance activities. Maintain records of site inspections, including dates and inspection results, in accordance with the record retention requirements in this permit.

Specify the number of E&S inspections you completed during the reporting period:

BMP #6: Conduct enforcement when installation and maintenance of E&S control measures during earth disturbance activities does not comply with permit and/or regulatory requirements.

Specify the number of enforcement actions you took during the reporting period for improper E&S:

BMP #7: Develop and implement requirements for construction site operators to control waste at construction sites that may cause adverse impacts to water quality. The permittee shall provide education on these requirements to construction site operators.

Specify the method(s) by which you are educating construction site operators on controlling waste at construction sites:

BMP #8: Develop and implement procedures for the receipt and consideration of public inquiries, concerns, and information submitted by the public to the permittee regarding local construction activities.

1. A tracking system has been established for receipt of public inquiries and complaints. ☐ Yes ☐ No

2. Specify the number of inquiries and complaints received during the reporting period:

MCM #4 Comments:

MCM #5 – POST-CONSTRUCTION STORM WATER MANAGEMENT IN NEW DEVELOPMENT AND REDEVELOPMENT

BMP #1: Enact, implement and enforce an ordinance or SOP to require post-construction stormwater management from new development and redevelopment projects, including sanctions for non-compliance.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of post-construction stormwater management (PCSM) BMPs? ☒ Yes ☐ No

   If Yes, indicate the date of the ordinance or SOP: Ord. 377, August 2014, Chapter 122

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? ☒ Yes ☐ No

3. If Yes to #2 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #2: Develop and implement measures to encourage and expand the use of Low Impact Development (LID) in new development and redevelopment. Measures should also be included to encourage retrofitting LID into existing development. Enact ordinances consistent with LID practices and repeal sections of ordinances that conflict with LID practices.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that encourages and expands the use of LID in new development and redevelopment? ☒ Yes ☐ No

   If Yes, indicate the date of the ordinance or SOP: Ord. 377, August 2014, Chapter 122

2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? ☒ Yes ☐ No

3. If Yes to #2 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #3: Ensure adequate O&M of all post-construction stormwater management BMPs that have been installed at development or redevelopment projects that disturb greater than or equal to one acre, including projects less than one acre that are part of a larger common plan of development or sale.

1. Do you have an inventory of all PCSM BMPs that were installed to meet requirements in NPDES Permits for Stormwater Discharges Associated with Construction Activities approved since March 10, 2003? ☒ Yes ☐ No

   If Yes to #1, complete Table 1 on the next page.

2. Has proper O&M occurred during the reporting period for all PCSM BMPs? ☒ Yes ☐ No

3. If No to #2, explain what action(s) the permittee has taken or plans to take to ensure proper O&M.

If you are relying on PA's statewide program for stormwater associated with construction activities, you may skip to MCM #6, otherwise complete all questions for BMPs #4 - #6 in this section.

BMP #4: Require the implementation of a combination of structural and/or non-structural BMPs that are appropriate to the local community, that minimize water quality impacts, and that are designed to maintain pre-development runoff conditions.

1. Specify the number of PCSM Plans reviewed during the reporting period for projects disturbing greater than or equal to one acre (including projects less than one acre that are part of a larger common plan of development or sale):

2. Has a tracking system been established and maintained to record qualifying projects and their associated BMPs?

   ☐ Yes ☐ No

PCSM BMP INVENTORY

Table 1. To complete the information needed for MCM #5, BMP #3, list all existing structural BMPs that discharge stormwater to the permittee's MS4 that were installed to satisfy PCSM requirements for earth disturbance activities under Chapter 102, and provide the requested information (see instructions).

BMP No.	BMP Name	DA (ac)	Entity Responsible for O&M	Latitude	Longitude	Date Installed	O&M Requirements	NPDES Permit No.
1	Bioretention - Rain Garden (C/D soils with underdrain)	0.70	Stephen & Danielle Rostick	° ' "	° ' "	2014	See attached.	PAG 02004503163 R-1
2	Bioretention - Rain Garden (C/D soils with underdrain)	0.21	Jose & Julie Bourgeois Colon	° ' "	° ' "	2014	See attached.	PAG 02004503163 R-1
3	Bioretention - Rain Garden (C/D soils with underdrain)	0.72	Michael & Margaret Sweeney	° ' "	° ' "	2014	See attached.	PAG 02004503163 R-1
4	Bioretention - Rain Garden (C/D soils with underdrain)	0.48	Michael & Courtney Gardyasz	° ' "	° ' "	2014	See attached.	PAG 02004503163 R-1
5	Bioretention - Rain Garden (C/D soils with underdrain)	0.82	Bryan & Heather Damiano	° ' "	° ' "	2014	See attached.	PAG 02004503163 R-1
6	Bioretention - Rain Garden (C/D soils with underdrain)	4.18	Lincoln Woods of Franconia LP	° ' "	° ' "	2016	See attached.	PAG02004615052(1)
7	Bioretention - Rain Garden (C/D soils with underdrain)	1.11	Lincoln Woods of Franconia LP	° ' "	° ' "	2016	See attached.	PAG02004615052(1)
8	Bioretention - Rain Garden (C/D soils with underdrain)	1.92	Lincoln Woods Planned Community	° ' "	° ' "	2016	See attached.	PAG02004615052(1)
9	Bioretention - Rain Garden (C/D soils with underdrain)	2.50	Lincoln Woods of Franconia LP	° ' "	° ' "	2016	See attached.	PAG02004615052(1)
10	Bioretention - Rain Garden (C/D soils with underdrain)	1.2	Lincoln Woods of Franconia LP	° ' "	° ' "	2016	See attached.	PAG02004615052(1)

11	Dry Detention Basin	7.0	Becker Peter Community	° ' "	° ' "	2021	See attached	PAC460138
12	Dry Detention Basin	0.35	Becker Peter Community	° ' "	° ' "	2021	See attached	PAC460138
13	Dry Detention Basin	5	Marc & Sharon Gresko	° ' "	° ' "	2005	See attached	
14	Dry Detention Basin	20.9	Westport Farm I Community Association	° ' "	° ' "	2007	See attached	
15	Dry Detention Basin	5.6	Westport Farm I Community Association	° ' "	° ' "	2007	See attached	
16	Dry Detention Basin	19	Westport Farm I Community Association	° ' "	° ' "	2007	See attached	

BMP #5: Ensure that controls are installed that shall prevent or minimize water quality impacts. The permittee shall inspect all qualifying development or redevelopment projects during the construction phase to ensure proper installation of the approved structural PCSM BMPs. A tracking system (e.g., database, spreadsheet, or written list) shall be implemented to track the inspections conducted and to track the results of the inspections (e.g., BMPs were, or were not, installed properly).

1. During the reporting period have you inspected all qualifying development and redevelopment projects during the construction phase to ensure proper installation of approved structural BMPs?

   ☐ Yes ☐ No ☐ Not Applicable (no qualifying projects during reporting period)

2. Has a tracking system been established and maintained to record results of inspections?

   ☐ Yes ☐ No

BMP #6: Develop a written procedure that describes how the permittee shall address all required components of this MCM.

Have you developed a written plan that addresses: 1) minimum requirements for use of structural and/or non-structural BMPs in plans for development and redevelopment; 2) criteria for selecting and standards for sizing stormwater BMPs; and 3) implementation of an inspection program to ensure that BMPs are properly installed? ☐ Yes ☐ No

MCM #5 Comments:

MCM #6 – POLLUTION PREVENTION / GOOD HOUSEKEEPING

BMP #1: Identify and document all operations that are owned or operated by the permittee and have the potential for generating pollution in stormwater runoff to the MS4. This includes activities conducted by contractors for the permittee.

1. Have you identified all facilities and activities owned and operated by the permitee that have the potential to generate stormwater runoff into the MS4? ☒ Yes ☐ No

2. When was the inventory last reviewed? June 2023

3. When was it last updated? June 2022

BMP #2: Develop, implement and maintain a written O&M program for all operations that could contribute to the discharge of pollutants from the MS4, as identified under BMP #1. This program shall address stormwater collection or conveyance systems within the regulated MS4.

1. Have you developed a written O&M program for the operations identified in BMP #1? ☒ Yes ☐ No

2. Date of last review or update to written O&M program: June 2022

BMP #3: Develop and implement an employee training program that addresses appropriate topics to further the goal of preventing or reducing the discharge of pollutants from operations to the regulated small MS4. All relevant employees and contractors shall receive training.

1. Have you developed an employee training program? ☒ Yes ☐ No

2. Date of last review or update to training program: June 2021 Date of latest training: April 2023

3. Training topics covered:

   Annual MS4 Requirements and Stormwater Program Review

4. Name(s) of training presenter(s):

   Janene Marchand, P.E., Gilmore & Associates, Inc.

5. Names of training attendees:

   Franconia Township Manager, Director of Planning, Public Works Director, Township Engineer

MCM #6 Comments:

POLLUTANT CONTROL MEASURES (PCMs)

Indicate the status of implementing PCMs in Appendices A, B and/or C by completing the table below. Skip this section if PCMs are not applicable.

Task	Date Completed	Attached	Anticipated Completion Date
Storm Sewershed Map(s)	9/20/17	☐	
Source Inventory		☐	
Investigation of Suspected Sources		☐	
Ordinance/SOP for Controlling Animal Wastes		☐	

PCM Comments:

POLLUTANT REDUCTION PLANS (PRPs) AND TMDL PLANS

1. Complete this section if the development and submission of a PRP and/or TMDL Plan was required as an attachment to the latest NOI or application or was required by the permit, regardless of whether DEP has approved the plan(s).

Type of Plan	Submission Date	DEP Approval Date	Surface Waters Addressed by Plan
☐ Chesapeake Bay PRP (Appendix D)			Chesapeake Bay
☐ Impaired Waters PRP (Appendix E)			
☐ TMDL Plan (Appendix F)			
☐ Combined Chesapeake Bay / Impaired Waters PRP			Chesapeake Bay,
☒ Combined PRP / TMDL Plan	6/2018	3/1/2021	Skippack & Indian Creeks

☐ Joint Plan *(if checked, list the name of the MS4 group or names of all entities participating in the joint plan below)*

Joint Plan Participants:

2. Identify the pollutants of concern and pollutant load reduction requirements under the permit (see instructions).

Type of Plan	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
☐ Chesapeake Bay PRP (Appendix D)			
☐ Impaired Waters PRP (Appendix E)			
☐ TMDL Plan (Appendix F)			
☐ Combined Chesapeake Bay / Impaired Waters PRP			
☒ Combined PRP / TMDL Plan	93,317 lb/yr (18.1%)SC	407 lbs/year (74%) IC	

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: 09/2046

4. Have any modifications to the plan(s) occurred since DEP approval? ☐ Yes ☒ No

   If Yes to #4, was the updated plan(s) submitted to DEP? ☐ Yes ☐ No

   If Yes to #4, did you comply with the public participation requirements of the applicable appendix? ☐ Yes ☐ No

   If Yes to #4, describe the plan modifications.

5. Summary of progress achieved during reporting period.

   Franconia Township intends to continue implementing stormwater BMPs for the Skippack and Indian Creek watersheds as funding becomes available. One of the Township's identified streambank stabilization projects was completed within the Skippack Creek. A Township stormwater facility retrofit project is under construction at Godshall Pond with estimated time of completion for end of 2023. The pond has been dredged, the forebay is being installed, and landscaping is tentatively scheduled. The landscaping includes riparian buffer plantings.

6. Anticipated activities for next reporting period.

   Design and budget for two BMPs and set a tentative construction schedule. Riparian buffer plantings and stream stabilization at the Public Works facility are potential upcoming projects. A conceptual landscaping plan is attached.

PRP/TMDL Plan Comments:

CERTIFICATION

For PAG-13 Permittees: I have read the latest PAG-13 General Permit issued by DEP and agree and certify that (1) the permittee continues to be eligible for coverage under the PAG-13 General Permit and (2) the permittee will continue to comply with the conditions of that permit, including any modifications thereto. I understand that if I do not agree to the terms and conditions of the PAG-13 General Permit, I will apply for an individual permit within 90 days of publication of the General Permit. I also acknowledge that any facility construction needed to comply with the General Permit requirements shall be designed, built, operated, and maintained in accordance with operative laws and regulations.

For All Permittees: I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Beth Gooch	Beth J. Gooch
Name of Responsible Official	Signature
215-723-1137	September 29, 2023
Telephone No.	Date

NEW BMPs FOR PRP/TMDL PLAN IMPLEMENTATION

Table 2. List all new structural BMPs installed and ongoing non-structural BMPs implemented during the reporting period that are being used toward achieving load reductions in the permittee's PRP and/or TMDL Plan (see instructions).

BMP No.	BMP Name	DA (ac)	% Imp.	BMP Extent	Units	Latitude	Longitude	Date Installed or Implemented	Planning Area?	Ch. 102?	Annual Sediment Load Reduction (lbs/yr)
1	Godshall Pond	269	44	465	LF	40°18'1"	75°20'16"	2022	☒	☒	111,336
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	

BMP INVENTORY FOR PRP/TMDL PLAN IMPLEMENTATION

Table 3. List all existing structural BMPs that have been installed in prior reporting periods and are eligible to use toward achieving load reductions in the permittee's PRP and/or TMDL Plan (see instructions).

BMP No.	BMP Name	DA (ac)	% Imp.	BMP Extent	Units	Latitude	Longitude	Date Installed	Annual Sediment Load Reduction (lbs/yr)	Date of Latest Inspect -ion	Satis-factory?
1	Rain Garden -IC	7				40°18'48"	75°21'56"	2014	6,000	06/20	☒
2	Replace Ag land with Meadow-SC	6				40°17'56"	75°19'28"	2010	3,907	06/20	☒
3	Riparian Plantings-IC	14				40°17'57"	75°22'54"	2009	4,000	06/20	☒
4	Stream Stabilization(B&H)-SC	X	-	95	LF	40°17'27"	75°20'30"	2019	10,925	8/20	☒
						° ' "	° ' "				☐

						° ' "	° ' "				☐

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Beth Gooch	Beth J. Gooch
Name of Responsible Official	Signature
215-723-1137	September 29, 2023
Telephone No.	Date

Annual Stormwater Management Program Checklist

July 2022 - June 2023

MCM #1 Public Education

1. BMP 1
   - ☑ Review existing Public Education and Outreach Program annually
   - ☑ Track public participation, involvement, stormwater inquiries and efforts annually

2. BMP 2
   - ☑ Target Audiences – Review and Update annually.
     a. Municipal Employees
     b. Existing and New Residents
     c. Businesses, Schools and Religious Institutions
     d. Developers/Contractors

3. BMP 3
   - ☑ List stormwater items published in the newsletter and website, review content annually, and address at least 1 of the 6 Minimum Control Measures (MCM's)
   - ☐ Confirm new resident "Welcome Packets" stocked with Stormwater Information annually
   - ☑ Publicly announce Township MS4 BMP progress at monthly PC/BOS/P&R Meetings, as applicable
   - ☐ In addition to the above, choose **at least 2** of the following annually:

     Municipal Employees, Residents and Businesses/Institutions
     - ☐ Post Newspaper Article in the local paper
     - ☐ Facebook Post
     - ☐ Twitter Post
     - ☐ Google Group Post
     - ☐ Broadcast stormwater information on two cable access channels
     - ☐ Incorporate educational signage into Township Parks

     Developers/Contractors
     - ☑ Review Stormwater Requirements and connections to MS4's at Pre-Construction Meetings, as held.

MCM #2 Public Involvement and Participation

1. BMP 1
   - ☑ Review existing Public Involvement and Participation Program (PIPP) annually
   - ☑ Hold one MS4 Committee Meeting annually or more as needed.
     Committee members: Charles Amuso, Supervisor
     David B. Fazio, Supervisor
     Jon A. Hammer, Township Manager
     Beth Gooch, Planning and Zoning Director
     Paul Nice, Public Works Consultant
     George Witmayer, Sewer Authority Director
     Russel Dunlevy, P.E., Township Engineer
     Douglass C. Rossino, P.E., Township Engineer
   - ☑ Post annual progress report on website
   - ☑ Hold One (1) Volunteer Stormwater Event annually

Contacts:

- ☑ Coordinate with adjoining Boroughs/Townships
- ☐ Local Schools, Scouts, YMCA, Churches
- ☑ Perkiomen Watershed Conservancy
- ☐ Montgomery County Master Watershed Steward Program

2. BMP 2
   - ☑ Advertise any proposed MS4 Stormwater Ordinance, provide comments for public comment, evaluate public input and feedback, and document comments received and the Township's response, as needed

3. BMP 3
   - ☑ Conduct one public meeting per year to solicit public involvement and participation from target audience groups and present status, activities, accomplishments. Can be held at a BOS, PC, P&R or other meeting.

MCM #3 Illicit Discharge and Elimination

1. BMP 1
   - ☑ Conduct Dry-Weather field outfall screening for non-stormwater flows and sampling of dry weather discharges for selected chemical and biological parameters annually. ~~(G&A)~~ FTPW

2. BMP 2 and 3
   - ☑ Develop and maintain a map of your MS4 and update annually. (G&A)

3. BMP 4
   - N/A ☐ Identify source of illicit discharges, remove, or correct in accordance with the IDD&E program. (G&A)

4. BMP 5
   - ☑ Maintain, update, implement and enforce a Stormwater Ordinance to prohibit illicit connections, as needed

5. BMP 6
   - ☑ Provide educational outreach to all target audiences about the IDD&E program. Document all complaints.

MCM #4 Construction Site Stormwater Runoff Control

- ☑ Prepare and regularly update a document outlining procedures and processes for issuing NPDES Construction Permits and list of responsibilities by entity.
  1. Review Plans – Township Engineer and/or BCCD/DEP
  2. Observations – Township Engineer Representative and/or BCCD
  3. Tracks Complaints/Follow-up/Copy CCD when necessary – Township Engineer

MCM #5 Post-Construction Stormwater Management in New and Redevelopment

1. BMP 4 (BMPs #1-3 are addressed by the State's program)
   - ☑ Enforce Ordinance to address post-construction runoff from active projects, including sanctions and penalties associated with non-compliance, to the extent allowable under state and local law. Document all violations/remedies/follow-up.

2. BMP 5
   - ☑ Develop and expand measures to encourage Low Impact Development in the current ordinances. Document which developments since 2003 incorporated LID practices and efforts to encourage LID.

3. BMP 6
   - ☑ Review the inspection/observation program annually.
   - ☑ Update the PCSM BMP inventory list annually and as facilities are approved and constructed that discharge directly or indirectly to the Township's MS4.
   - ☑ Document annual BMP inspections/maintenance activities for each BMP.

MCM #6 Pollution Prevention / Good Housekeeping

1. BMP 1
   ☑ Review and update, as necessary, the list of facilities/activities owned and operated by the permittee that generate runoff to the MS4. Document date reviewed and date updated, as applicable.

2. BMP 2
   ☑ Review the written O&M program for the operations identified in BMP #1. Document date reviewed/updated.

3. BMP 3
   ☑ Review and comply with the employee training program. Document the date the program was reviewed, updated, and of attended training sessions for the reporting period. Also document the training topics covered, names of presenters, and names of training attendees.

Pollutant Control Measures

As required for MS4 NPDES Permit Appendices A, B, and C

TMDL & PRP's

1. Document any changes to the Neshaminy Creek TMDL/PRP Plan and comply with public participation requirements. Provide Summary of progress achieved during reporting period. Complete goal of 10% Sediment Reduction within 5 years.

2. Update Table 2. List all NEW STRUCTURAL BMPs and on-going NON-STRUCTURAL BMPs installed during the Reporting Period.

3. Update EXISTING STRUCTURAL BMPs installed during prior reporting periods with Sediment Load Reduction.

www.franconiatownship.org

franc talk

Fall 2022

Fall Fest: It Really Was Fun For the Whole Family

The 3rd Annual Franconia Township Fall Festival was a hit again this year!

With our biggest turnout ever, we estimated that we had over 8,000 people join in the fun! It turned out to be a beautiful weekend, which allowed us to incorporate some new events and attractions while also bringing back some of the much-anticipated activities from previous years.

The pumpkin patch, hay maze and hayrides are always a fan favorite for the kids, which makes it a staple of the Fall Fest every year. We loved seeing all the families making new memories together.

The helicopter rides were a new addition to the Fall Fest and offered not only a great ride but also a once in a lifetime view of our magnificent Township from the sky. We hope to be able to bring them back in the coming years.

continued on page 2

FRANCONIA TOWNSHIP
671 Allentown Road
Telford, PA 18969-2205
215-723-1137
www.franconiatownship.org

BOARD OF SUPERVISORS
Grey R. Godshall, Chairman
David B. Fazio, First Vice Chairman
Robert H. Nice, Second Vice Chairman
Dr. Charles Amuso, Supervisor
Jill Halteman, Supervisor

TOWNSHIP MANAGER
Jon A. Hammer

POLICE DEPARTMENT
Administration 215-723-6777
Emergency 9-1-1
Michael L. Martin, Chief
Steven Cronin, Administrative Sergeant

BUILDING/PLUMBING INSPECTION
215-723-1137
Roger M. Koffel,
Code Enforcement Director
Jerry Rittenhouse, Building
Inspector/Code Enforcement Director

HIGHWAY DEPARTMENT
215-723-1153
Tony Frydlewicz, Public Works Director

Pickleball Clinic A Hit

On April 28, the Franconia Township Parks & Recreation Board sponsored a free pickleball clinic for residents that was conducted by Barb Matase, the USA Pickleball Association Ambassador for Souderton-Quakertown.

Although the evening was a bit cool and windy, the group of 15 residents seemed to enjoy their time learning details and instruction on the basics of the sport that included simple exercises to learn ball control and some practice on the courts playing the game in foursomes. It was a joke among the instructor and group that if they could play in the wind and cold of the evening, they should have a great edge on playing the sport in nice weather!

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Public Works Department Focuses On Infrastructure

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One way we can do this is by pavement preservation to our road surface. There are a few ways of achieving this while being cost effective. Some processes used this year were:

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Work being done on the new bio-retention area at Enos B. Godshall Park

Ultra-thin overlay process being applied to Mininger Road. Double Seal Coat followed by Polymer Modified Fog Seal process

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Township News On Website

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www.franconiatownship.org

SPRING 2023 NEWSLETTER

COVERING TELFORD, SOUDERTON, HARLEYSVILLE, FRANCONIA, HATFIELD AND SURROUNDING COMMUNITIES

INDIAN VALLEY *Today*

Indian Valley Chamber of Commerce

215.723.9472 121 E. Chestnut Street, Ste. 201, Souderton, PA 18964 INDIANVALLEYCHAMBER.COM

Welcome to Indian Valley Today

Mission Statement
The Indian Valley Chamber of Commerce engages business, community and civic leaders to promote growth and create opportunity in our region.

Welcome to the Spring 2023 issue of **Indian Valley Today**. When we began this magazine in the spring of 2021, our aim was to create a vehicle for our local small businesses to gain visibility and to provide useful information for all residents in our region. We hope we are succeeding on those fronts, that you find the municipal information of value and that you have learned about local businesses that might now be among your favorite places.

As the Indian Valley Chamber of Commerce, we represent the businesses and nonprofit organizations of our region with a mission to "engage business, community and civic leaders to promote growth and create opportunity in our region."

We are committed to preparing future leaders who can effectively manage the growing diversity in our local communities and workplaces. One way we work toward this is through our leadership program, **LEAD Indian Valley**. Designed for business and nonprofit executives or emerging leaders, the LEAD curriculum has a specific emphasis on developing self-awareness and identifying the skills needed to successfully lead teams. Please visit our website to learn more about it.

The Chamber of Commerce fills many roles in the community including helping to connect you with the services you need and professionals you can trust. You'll find them within the pages of this issue and on our website: IndianValleyChamber.com.

We also invite you to save the date for our 2023 events.

Wednesday, April 5, 2023
State of the Indian Valley Membership Breakfast

Monday, May 22, 2023
Swing for Hope Benefit Golf Outing

Thursday, September 21, 2023
Annual Clay Shoot

Tuesday, October 24, 2023
Tastings of the Indian Valley

Scan here for a full listing of events for both members and non-members.

Steven Hunsberger, *CFP®, ChFC*
Executive Director

IN THIS ISSUE

What is Storm Water?

Storm water is water from precipitation that flows across the ground and pavement when it rains or when snow and ice melt. The water seeps into the ground or drains into what we call storm sewers. These are the drains you see at street corners or at low points on the sides of streets. Collectively, the draining water is called storm water runoff.

Why is Storm Water "Good Rain Gone Wrong?"

Storm water becomes a problem when it picks up debris, chemicals, dirt, and other pollutants as it flows or when it causes flooding and erosion of stream banks. Storm water travels through a system of pipes and roadside ditches that make up storm sewer systems. It eventually flows directly to a lake, river, stream, wetland or coastal water. All of the pollutants storm water carries along the way empty into our waters, too, because storm water does not get treated!

Pet wastes left on the ground get carried away by storm water, contributing harmful bacteria, parasites and viruses to our water.

Vehicles drip fluids (oil, grease, gasoline, antifreeze, brake fluids, etc.) onto paved areas where storm water runoff carries them through our storm drains and into our water.

Chemicals used to grow and maintain beautiful lawns and gardens, if not used properly, can run off into the storm drains when it rains or when we water our lawns and gardens.

Waste from chemicals and materials used in construction can wash into the storm sewer system when it rains. Soil that erodes from construction sites causes environmental degradation, including harming fish and shellfish populations that are important for recreation and our economy.

Where to Go to Continue the Information Flow

Your community is preventing storm water pollution through a storm water management program. This program addresses storm water pollution from construction, new development, illegal dumping to the storm sewer system, and pollution prevention and good housekeeping practices in municipal operations. It will also continue to educate the community and get everyone involved in making sure the only thing that storm water contributes to our water is….water! Contact your community's storm water management program coordinator or the Pennsylvania Department of Environmental Protection for more information about storm water management.

RAIN BARRELS

Help Conserve Water and Save Money!

WHAT EXACTLY IS A RAIN BARREL?

A rain barrel is a system that collects and stores rain water from your roof that would otherwise be lost to runoff and diverted to storm drains, streams, and eventually the Delaware River watershed. It is constructed using a reused 55 gallon food grade barrel, a bottom drain, a spigot, an overflow a screen to keep debris and insects out, and a downspout diverter to carry the water into the rain barrel.

A rain barrel is a relatively simple and inexpensive way to capture and store rain water for use at later times. It conveniently sits under residential gutter downspouts from you home, garage, and/or shed.

BENEFITS OF USING A RAIN BARREL

Lawn and garden watering can take up a large percentage or total percentage of total household water use during the summer months. A rain barrel collects water and stores it for when you need it most, during periods of drought! A rain barrel provides an ample supply of FREE water for flowers, gardens, lawns, and even car washing!

A rain barrel can conserve water ad save YOU money during peak summer months. Conserving water helps protect the environment, saves energy (decreased demand for treated tap water and well water) and decreased the impact of runoff to streams and the Delaware River. Therefore by installing a rain barrel YOU can help protect the water quality, aquatic species, drinking water quality, and recreation in the Delaware River watershed.

A formula to remember: 1 inch of rain on a 1,000 sq. ft. roof yields 623 gallons of water. Calculate the yield of your roof by multiplying the square footage of your roof by 623 and divide by 1,000.

FALL FEST
– IT REALLY WAS FUN FOR THE WHOLE FAMILY

The 3rd Annual Franconia Township Fall Festival was a hit again in 2022! With our biggest turnout ever, we estimated that we had over 8,000 people join in the fun! It turned out to be a beautiful weekend, which allowed us to incorporate some new events and attractions while also bringing back some of the much-anticipated activities from previous years. The pumpkin patch, hay maze and hayrides are always a fan favorite for the kids, which makes it a staple of the Fall Fest every year. We loved seeing all the families making new memories together. The helicopter rides were a new addition to the Fall Fest and offered not only a great ride but also a once in a lifetime view of our magnificent township from the sky. We hope to be able to bring them back in the coming years. Throughout the weekend, we had over 70 vendors and each one had something special to offer! Home decor, candles, soaps, lotions, toys, floral arrangements and so much more! It was amazing how many exceptionally talented people are right here in our own backyard, creating fantastic products for everyone to enjoy. The food was incredible and there was so much to choose from. The food vendors really knocked it out of the park with their delicious culinary delights! The Mike Greer Band, The Mighty Manatees, and the Ashley Godshall Trio all drew in quite the crowd during their sets. Adam, with AC DJs, was on hand to announce activities and provide a musical backdrop while the bands took a well-deserved break. As always, Adam knows how to keep a crowd entertained.

Saturday at Fall Fest was Emergency Services Day, which featured Police, Fire, and Emergency Medical Services from all over the region and state. Many people took the opportunity to interact with emergency personnel, check out their tools and equipment, and watch the live demonstrations they put on. Saturday concluded with the most spectacular fireworks display. We have never seen anything like it, and we hope you were able to enjoy the fireworks display. On Sunday, we hosted our first ever JeepOWeen! We were so excited to have over 30 participants. The Jeep decorating contest was a hit, and we enjoyed seeing so much creativity. Congratulations to our JeepO-Ween winners!

Fall Fest 2022 was another great weekend of family, fun and food. We hope you had as much fun as we did! This is yet another incredible display of why Franconia Township is one of the best places to live!

TIPS FOR RECYCLING SMOKE DETECTORS

Smoke detectors are a life-saving device that should be in everyone's home. Smoke detectors have an expiration date—10 years for smoke detectors and 5 to7 years for combination smoke and carbon monoxide detectors. So how do you dispose of an expired smoke detector?

The answer to this question depends on the type of smoke detector. There are two types of smoke detectors: ionizing and photoelectric.

Ionizing smoke detectors use a tiny amount of a radioactive isotope and electrically charged plates to detect smoke. When smoke enters the detector, it stops the flow of ions between the two electrically charged plates, causing the alarm to sound. Ionizing smoke detectors are best at detecting flaming fires.

Photoelectric smoke detectors contain a light sensor and a light aimed away from the sensor. When smoke enters the detector, the light is reflected onto the light sensor, causing the alarm to sound. Photoelectric smoke detectors are best at detecting smoldering fires.

There are also dual sensors which contain both types of detectors in one unit. You can identify the type of smoke detector by looking at the back. If you see a radioactive symbol (pictured to the right), then you have an ionizing or dual sensor smoke detector. The back of the smoke detector has the manufacture date, which you can use to determine the expiration date.

Smoke detectors are not accepted at Montgomery County household hazardous waste or E-waste recycling events or drop-off locations. Photoelectric smoke detectors can be thrown in your household trash after removing the battery. Due to the radioactive material in ionizing smoke detectors, they must be recycled; however, they cannot be put into a household recycling bin. There are two options for properly recycling ionized or dual sensor smoke detectors:

Return to manufacturer: Many companies will accept their brand of ionizing smoke detectors for recycling. The United States Postal Service provides a list of manufacturers that accept smoke detectors and their addresses. You must pay for postage and, in some cases, a small fee for recycling. Google provides a free shipping label to recycle their Google Nest smoke detectors.

Smoke detector recycling kit: Curie Environmental Services offers a smoke detector recycling kit to recycling ionizing smoke detectors, regardless of brand. The kits include proper shipping materials and paid postage. The kit will be shipped to your home, and you can simply add your smoke detectors (battery removed) and drop off with the shipping carrier listed on the postage.

For more information on recycling smoke detectors, go to www.northmontcorecycle.com.

PUBLIC WORKS UPDATE

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Pickleball is one of the fastest growing sports in the country. Please come out and try your hand at the sport at the tennis/pickleball courts located at Franconia Community Park. The courts are dually lined (white lines for tennis and red and blue lines for pickleball). If you would like to learn more about the sport, please go to USAPA.org for information.

TOWNSHIP PARTNERS WITH PERKIOMEN WATERSHED CONSERVANCY AT JACOB REIFF HOMESTEAD

At the corner of Quarry and Upper Mainland Roads in Lower Salford Township, sits a very unassuming piece of history. The Jacob Reiff Homestead is 73 acres of permanent open space along the West Branch of the Skippack Creek. The property is a hidden gem where visitors will find the historic barn and homestead. A new "addition" to the park in 2023 will be the installation of two greenhouse buildings being spearheaded by the Perkiomen Watershed Conservancy (PWC). The Township has a long-standing partnership with the PWC and with their guidance and knowledge, they have planted well over 10,000 native trees and installed riparian buffers and rain gardens in the Township to continue to preserve the Perkiomen Creek watershed. That said, the PWC will be using the greenhouses to grow native plants as well as encourage the butterfly population. The Township encourages all residents and visitors alike to visit the park at 775 Quarry Road.

Shown at the Groundbreaking Ceremony on December 2, 2022 are Pete Dixon, Board Chair of the PWC, Township Supervisors: Dave Scheuren, Keith Bergman, Chris Canavan and Kevin Shelly and PWC Executive Director, Ryan Beltz

SUPERVISOR DOUGLAS GIFFORD RETIRES AFTER 37 YEARS OF SERVICE TO LOWER SALFORD TOWNSHIP

At the December 7, 2022 Board of Supervisors Meeting, Chairman Douglas Gifford submitted his resignation as Supervisor. Supervisor Gifford started his career of service to the residents of Lower Salford Township in 1986 as a member of the Zoning Hearing Board. Four years later, in 1990, he was appointed to fill a vacancy on the Board of Supervisors. 33 years later, he has decided to step aside to spend more time with his family.

The Township will genuinely miss Doug and his sense of commitment and community to doing what is best for the Township in this ever-changing world. May his future days be filled with family and friends, and may he always know that the Township is grateful for his leadership, knowledge, and endless sense of humor that will be missed.

As of this writing, the Township has begun the process of interviewing those interested in serving the remainder of Mr. Gifford's term, which will expire December 31, 2023. Keep an eye on the Township website (www.lowersalfordtownship.org), as a new Supervisor will be appointed at the February 1, 2023 Board of Supervisors Meeting.

LOWER SALFORD Township Quick Reference

Published by the Communications Committee • Version 1

EMERGENCY CONTACTS

911

Poison Control
800-222-1222

PECO Outage
800-841-4141

SPCA
610-489-7510

QUICK REFERENCE LIST OF CONTACTS AND LINKS

- **Scouts BSA Troop 137**
  https://sites.google.com/view/troop137harleysvillepa/home
- **Indian Valley Girl Scouts**
  www.gsep.org • 215-564-2030
- **Encore Experiences (formerly the Senior Center)**
  www.ghnpss.org/encore_experience • 215-256-6900
- **Indian Valley Public Library**
  www.ivpl.org • 215-723-9109
- **Lederach Golf Club**
  www.lederachgolfclub.com • 215-513-3034
- **Harleysville Community Center (Pool)**
  www.harleysvillecommunitycenter.com • 215-256-9315
- **North Penn YMCA Harleysville Branch**
  www.northpennymca.org • 215-256-0767
- **North Penn YMCA Indian Valley Branch**
  www.northpennymca.org • 215-723-3569
- **Perkiomen Watershed Conservancy**
  www.perkiomenwatershed.org • 610-287-9383
- **Heckler Plains Folklife Society**
  www.facebook.com/hecklerplains.org • 215-822-7422
- **Harleysville Fire Company**
  www.harleysvillefire.org • 215-256-9657
- **Landlord/Tenant questions**
  (PA Attorney Gen Consumer Protection)
  www.attorneygeneral.gov • 800-441-2555
- **Additional Contacts & Links**
  www.lowersalfordtownship.org/your_community

Use the Residential Request Portal to,

- Report a concern
- Share an improvement idea
- Submit a general suggestion

Search the website at www.lowersalfordtownship.org

Call the office 8:30 AM-4:30 PM Monday-Friday at 215-256-8087

ALDERFER ROAD BRIDGE REPLACEMENT GARNERS TOWNSHIP THE 2021 BRIDGE SAFETY IMPROVEMENT AWARD

In 2020, the Township began construction to replace the bridge on Alderfer Road over the West Branch of the Skippack Creek. This bridge was originally built in 1940 and had seen many years of flooding due to changes in topography over the years. The flooding became more frequent and the last several years not only did flood waters cover the bridge, but also the surrounding roads causing road closures. The flood waters continued to deteriorate the structure as well and it became apparent that the bridge needed a total replacement for the safety of all who travel and live in the area. The project began in late 2020 and was opened to the public in December of 2021. In early 2022, the Township was notified that the project had been selected the winner of the 40th Annual Road/Bridge Safety Improvement Program. Many thanks to all involved, including Township Traffic Engineer, Stephanie Butler, P.E. of McMahon Associates; A Bowman Company and Doug Jones, Public Works Director.

INDIAN VALLEY PUBLIC LIBRARY PROVIDES STORY WALK FOR ALDERFER PARK

This past October, Alderfer Park became the new home of a Story Walk. What is a Story Walk? Well, it is a series of 20 free-standing frames that each have a single page of a story. As one page is read, you move to the next until you get to the final frame and ending of the story. This new interactive feature in Alderfer Park, 420 Oak Drive in Harleysville, begins at the corner of the playground equipment area and progresses along the trail. Stories are usually kept for approximately 3-4 months when a new story is provided.

Stories are geared towards elementary aged children. This wonderful new addition to the Park is brought to us by the Indian Valley Public Library who used grant funds to supply the Story Walk. Many, many thanks to the Indian Valley Public Library for choosing Lower Salford's Alderfer Park for this new feature!

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121 E. Chestnut Street
Ste. 201
Souderton, PA 18964

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Regular Meeting
Agenda
Monday, March 20, 2023

1. Call Meeting to Order/Roll Call

2. Pledge of Allegiance

3. Open Meeting to the Public

4. Approval of the February 21, 2023 Regular Meeting Minutes

5. Solicitor's Report – Eric Wert., Esquire
   A) Ordinance 418-23 An Ordinance of the Township of Franconia, Montgomery County, Pennsylvania amending the Stormwater Management Standards.

6. Police Report – Chief Michael Martin

7. Highway Report – Tony Frydlewicz

8. Engineering Report – Douglas C. Rossino, P.E.

9. Motion for Approval of Treasurer's Report and authorization for Treasurer to pay all bills for the respective funds as presented on Voucher No. 23-20-03 dated March 20, 2023, in the amount of $294,443.12.

10. Payroll
    Motion for the Treasurer to be authorized to pay all employees during the pay period of March 20, 2023 through April 16, 2023 according to the hours worked as listed on the Payroll Journal for the aforesaid period.

11. Motion to authorize the Township Manager to award bids for Road Materials and Equipment opened at 2:00 p.m. on March 17, 2023 as the Franconia Township Municipal Building, 671 Allentown Road, Telford 18969,
    a) Stone
       1) AASHTO #10 Screening – approximately 100 tons
       2) PA 1B / AASHTO #8 Aggregate – approximately 500 tons
       3) PA 2A Aggregate – approximately 1,000 tons
       4) PA 2B / AASHTO #57 Aggregate – approximately 1,000 tons
       5) PA 3A / AASHTO #3 Aggregate – approximately 200 tons
       6) PA #4 / AASHTO #1 Aggregate– approximately 2,000 tons

    b) Paving Materials – Asphalt price adjustment included (PA 408 Section 110.04)
       1) Superpave HMA Wearing PG64S-22 0-0.3 million ESALs 9.5 mm SRL H 500 tons
       2) Superpave HMA Wearing PG64S-22 .3<3. million ESALs 9.5 mm SRL H 500 tons
       3) Superpave HMA Wearing PG64S-22 0-0.3 million ESALs 19. mm SRL H 2,000 tons

4) Superpave HMA Binder PG64S-22 .3<3.million ESALs 19. mm 500 tons
5) Superpave HMA Base PG64S-22 .3<3. million ESALs 25. mm 100 tons

c) Paving Equipment Rental
   1) 240 Barber Greene Paver with 10-20 foot screed, without extensions including operator and screed man – approximately 30 hours
   2) 225 Barber Greene Paver with 8-16 foot screed, including operator and screed man – approximately 8 hours
   3) DD-110 Ingersoll Rand vibratory roller-78" roll width, 10-18 ton with operator – approximately 40 hours
   4) Dresser Tandem Static Roller, 3.5 ton with operator– approximately 16 hours
   5) 400 Horsepower Milling Machine w/sonic grade controls and cutting width of 79 inches, capable of 87 inches with operators - approximately 26 hours
   6) Tri-Axle Dump Truck – 100 hours
   7) Case 1845C Small Mill – per hour - 16 hours
   8) Distributor Truck – per hour - 20 hours
   9) Street Sweeper with operator – per hour - 40 hours
   10) Laborer – per hour - 100 hours
   11) Foreman – per hour - 26 hours

d) Road Oil and Related Equipment Rental
   1) E-3M Asphalt – approximately 25,000 gallons
   2) Computer Regulated self-propelled 8'-20' hydraulically expandable Chip Spreader with full crew – approximately 24 hours
   3) 8-12 Ton 9-Wheel Pneumatic Roller – approximately 24 hours
   4) One way move of chipper
   5) Tri Axle Dump Truck – approximately 40 hours

12. Land Development and Subdivision-
    None

13. The Franconia Township Planning Commission will hold its next Regular Meeting on Monday, April 3, 2023 at 7:00 p.m. at the Franconia Township Municipal Building, 671 Allentown Road, Telford, Pennsylvania 18969.

14. The next Regular Board of Supervisors meeting will be held at 6:00 p.m. on Monday, April 17, 2023, at the Franconia Township Municipal Building, 671 Allentown Road, Telford, Pennsylvania 18969 and the Board of Supervisors Work Session will be held on Monday, April 17, 2023, beginning at 5:00 p.m. at the same location.

15. Motion to Adjourn

FRANCONIA TOWNSHIP

ORDINANCE #418-23

NOW THEREFORE IT IS HEREBY ENACTED AND ORDAINED by the Franconia Township Board of Supervisors that the Franconia Township Ordinance shall be amended as follows:

SECTION 1. **Amendment of Section 145-5.B. [Definitions and Word Usage]**

The definition of "Impervious Surface" contained in Chapter 145 [Zoning], Article II [Definitions], Section 145-5.B [Definitions and Word Usage] is hereby amended and restated in its entirety. As Amended, the definition of Impervious Surface is:

> **IMPERVIOUS SURFACE.** A surface that prevents the infiltration of water into the ground. Impervious surface includes, but is not limited to, any roof, parking or driveway areas, any new streets and sidewalks, decks, patios, and pool surfaces (including water, decking, and equipment pad) unless otherwise determined by the Township Engineer. Any surface areas designed to initially be gravel or crushed stone shall be considered impervious surfaces. In addition, other areas determined by the Township Engineer to be impervious within the meaning of this definition shall be classified as impervious surface. The runoff curve number for stormwater management calculations may be based on actual surfaces.

SECTION 2. **Amendment of Section 145-174.C.9 [Natural Resource Performance Standards/Riparian Buffer Regulations]**

Chapter 145 [Zoning], Article XXVI [Natural Resource Performance Standards], Section 145-174.C.9 [Natural Resource Protection Standards/Riparian Buffer Regulations] of the Franconia Township Code is hereby amended and restated in its entirety. As Amended, Section 145-174.C.9 shall read as follows:

> **§145-174. Natural Resource Performance Standards.**
>
> ***
>
> C. The development of land on which there are areas having natural resources shall be governed by the following regulations:
>
> ***

(9) Riparian buffer regulations. The riparian buffer shall include only the portion of land sloping towards the surface water bodies being protected and shall extend either 35 feet from each side of the watercourse, lake, or pond, at bankfull flow edge, or the extent of the 100-year floodplain, whichever is greater, or as otherwise required by Chapter 102. If a minimum of 35 feet cannot be provided as a buffer along the watercourse due to existing features or other impact, additional buffer width shall be provided elsewhere on site or within the Township to the satisfaction of the Township Engineer to provide an equivalent buffer area with a priority to establish a continuous buffer versus a fragmented buffer. This requirement shall not apply to land sloping away from the watercourse. No land disturbance shall be permitted within any riparian buffer except as permitted below. The buffer area will consist of two distinct protection zones.

(a) Zone 1. This buffer area will begin at the edge of the lake, pond or watercourse and occupy a margin of land with a minimum width of 15 feet measured horizontally on a line perpendicular to the edge of water at bankfull flow or level. Open space uses that are primarily passive in nature may be permitted in Zone 1, including:

[1] Wildlife sanctuaries, nature preserves, forest preserves, fishing areas, constructed wetlands, passive areas for public or private parklands and reforestation.

[2] Customary agricultural practices in accordance with a soil conservation plan approved by the County Conservation District and a nutrient management plan in accordance with state requirements, if applicable.

[3] Regulated activities permitted by the commonwealth and Township for watercourse/stream or wetland crossing or other encroachment (i.e., farm vehicle and livestock, recreational trails, roads, sewer or water lines, and utility transmission lines), provided that approval is obtained from the Army Corps of Engineers and/or Pennsylvania Department of Environmental Protection and any disturbance is offset by riparian corridor improvements as approved by the Township.

[4] Vegetation management in accordance with an approved landscape or open space management plan.

[5] Streambank stabilization and/or restoration.

[6] Runoff to be buffered or filtered by Zone 1 will be limited to sheet flow or subsurface flow only. Concentrated flows must be converted to sheet flow or subsurface flows prior to entering Zone 1 for proposed stormwater management facilities.

[7] Minimum Management Requirements for Riparian Buffers:

1. Existing native vegetation shall be protected and maintained within an easement.

2. Whenever practicable invasive vegetation shall be actively removed, and the easement area shall be planted with native trees, shrubs and other vegetation to create a diverse native plant community appropriate to the intended ecological context of the site.

(b) Zone 2. This buffer zone will begin at the outer edge of Zone 1 and shall occupy a minimum width of 20 feet. Where the width of the 100-year floodplain extends greater than 35 feet from the edge of water at bankfull flow or level, Zone 1 shall remain a minimum of 15 feet, and Zone 2 shall extend from the outer edge of Zone 1 to the outer edge of the 100-year floodplain Additional buffer width shall also be provided based on existing conditions as required by the Township Engineer. Uses permitted in this buffer area include open space uses that are primarily passive in nature, including:

[1] Wildlife sanctuaries, nature preserves, forest preserves, constructed wetlands, and passive areas for public or private parklands, recreational trails and reforestation.

[2] Customary agricultural practices in accordance with a soil conservation plan approved by the County Conservation District.

[3] Regulated activities permitted by the commonwealth and Township for watercourse/stream or wetland crossing or other encroachment (i.e., farm vehicle and livestock, recreational trails, driveways, roads, sewer or water lines and utility transmission lines), provided that any disturbance is

offset by riparian corridor improvements as approved by the Township.

[4] Recreational activities or uses, such as playing fields or golf courses, with no impervious surfaces installed within the zone.

[5] Minimum Management Requirements for Riparian Buffers:

1. Existing native vegetation shall be protected and maintained within an easement.

2. Whenever practicable invasive vegetation shall be actively removed, and the easement area shall be planted with native trees, shrubs and other vegetation to create a diverse native plant community appropriate to the intended ecological context of the site.

(c) Prohibited uses. Any use or activity not authorized in Subsection C(9)(a) or (b) above shall be prohibited within the riparian buffer. The following activities and facilities are specifically prohibited:

[1] Soil erosion and sedimentation. All developments shall protect lakes, ponds and watercourses from sedimentation damage and shall control erosion in accordance with the Clean Streams Law, P.L. 1987, as amended.

[2] Clear-cutting of trees and other vegetation.

[3] Selective cutting of trees and/or the clearing of other vegetation, except where authorized by Subsection C(9)(a) or (b) above, or where removal is necessary as a means to eliminate dead, diseased, hazardous, or invasive trees. Removal is subject to prior review and approval of the Township Engineer and revegetation by native plants that are most suited to the riparian corridor.

[4] Storage of any hazardous or noxious materials.

[5] Roads, access drives, parking area or driveways and corridor crossings, except as permitted by the Pennsylvania Department of Environmental Protection and the Township.

[6] Use of fertilizers, pesticides, herbicides, and/or other chemicals in excess of prescribed industry standards or the recommendations of the County Conservation District.

[7] Outdoor storage.

[8] Any type of permanent structure, including fences, except structures needed for a use permitted herein.

[9] Sod farming.

[10] Topsoil removal, unless approved by the Township Engineer.

[11] Subsurface and elevated sewage disposal areas and other wastewater disposal systems.

[12] Stormwater basins, including any berms or outfall facilities.

(d) Maintenance and monitoring plans shall be prepared for each buffer, which will state the required annual maintenance duties for each zone, including, but not limited to, the critical period during establishment of the buffer (typically the first three to five years, or as determined by the Township Engineer).

(e) Revegetation of riparian area. In cases where a major subdivision or land development is proposed, replanting of the riparian buffer shall be required where there is little or no existing streamside vegetation. Native vegetation approved by the Township must be used in replanting. These layers include herbaceous plants that serve as ground cover, understory shrubs, and trees that form an overhead canopy. The revegetation plan shall be prepared by a qualified professional, who has specific experience in the delineation of riparian buffer areas, and shall comply with the following minimum requirements, unless modified by the Board of Supervisors upon recommendation of the Planning Commission:

[1] Trees and shrubs. These planting layers include trees that form an overhead canopy and understory shrubs beginning at the top of the streambank and occupy a strip with a fixed width of 35 feet and shall be chosen from the Township's Recommended Plant Material List or Pennsylvania Stormwater BMP Manual. The density of plantings shall be in accordance with the planting plan guidelines of the Pennsylvania Stormwater BMP Manual. This area shall be reviewed and approved by the Township Engineer for erosion, bank stabilization/stream restoration and removal of dead, diseased, hazardous or invasive vegetation prior to revegetating.

[2] Ground cover. Ground cover shall consist of perennial grasses and forbs extending a recommended minimum width of 20 feet from the edge of Zone 2, where possible. Appropriate ground cover includes native material, exclusive of noxious weeds, as defined by the Pennsylvania State Department of Agriculture. This planted area shall be designated on the plan as a "no-mow zone" or "limited-mow zone" and shall be left as natural cover, except in accordance with the maintenance and monitoring plan.

[3] Exceptions. These planting requirements shall not apply to existing farm fields located within the riparian buffer or the farmland tract areas if farming operations are to be continued and the required state nutrient management plan is met.

[4] Establishing continuous riparian forest buffers should be given a higher priority than establishing larger but fragmented buffers.

f. The following conditions shall apply when public and/or private recreation trails are permitted within Riparian Buffers:

[1] Trails shall be for non-motorized use only, excluding Township maintenance vehicles.

[2] Trails shall be designed to have the least impact on native plant species and other sensitive environmental features.

g. Septic drainfields and sewage disposal systems shall not be permitted within the easement and shall comply with setback requirements established under 25 Pa. Code Chapter 73.

SECTION 3. **Amendment of Section 122-5 [Definitions and Word Usage]**

The following definitions contained in Chapter 122 [Subdivision and Land Development], Article I [General Provisions], Section 122-5 [Definitions and Word Usage] are hereby added, deleted, or amended and restated in their entirety, as stated below:

- **Amend "EXISTING CONDITIONS" as follows:**

  EXISTING CONDITIONS. The initial condition of a project site prior to the proposed alteration. If the initial condition of the site is undeveloped land, the land use shall be considered as "meadow" unless the natural land cover is proven to generate lower curve numbers or Rational "C" value, such as forested lands. The dominant land cover during the 5-year period immediately preceding a proposed regulated activity.

- **Add "FEMA" as follows:**

  FEMA – Federal Emergency Management Agency.

- **Amend "FLOOD PRONE AREA" to retitle the definition to "FLOODPLAIN" which shall be defined as follows:**

  FLOODPLAIN. Any land area susceptible to inundation by water from any natural source or delineated by applicable FEMA maps and studies as being a special flood hazard area. Also includes areas that comprise Group 13 Soils, as listed in Appendix A of the Pennsylvania DEP Technical Manual for Sewage Enforcement Officers (as amended or replaced from time to time by DEP).

- **Add "GREEN INFRASTRUCTURE" as follows:**

  GREEN INFRASTRUCTURE – Systems and practices that use or mimic natural processes to infiltrate, evapotranspire, or reuse stormwater on the site where it is generated.

- **Amend "HYDROLOGIC SOIL GROUP" as follows:**

  HYDROLOGIC SOIL GROUP (HSG) Infiltration rates of soils vary widely and are affected by subsurface permeability as well as surface intake rates. Soils are classified into four HSGs (A, B, C, and D) according to their minimum infiltration rate, which is obtained for bare soil after prolonged wetting. The NRCS defines the four groups and provides a list of most of the soils in the United States and their

group classification. The soils in the area of the development site may be identified from a soil survey report that can be obtained from local NRCS offices or conservation district offices. Soils become less pervious as the HSG varies from A to D (NRCS1,2).

- **Amend "IMPERVIOUS SURFACE" as follows:**

  IMPERVIOUS SURFACE A surface that prevents the infiltration of water into the ground. Impervious surface includes, but is not limited to, any roof, parking or driveway areas, any new streets and sidewalks, decks, patios, and pool surfaces (including water, decking, and equipment pad) unless otherwise determined by the Township Engineer. Any surface areas designed to initially be gravel or crushed stone shall be considered impervious surfaces. In addition, other areas determined by the Township Engineer to be impervious within the meaning of this definition shall be classified as impervious surface. The runoff curve number for stormwater management calculations, however, may be based on actual surfaces.

- **Amend "LOW-IMPACT DEVELOPMENT (LID) PRACTICES" as follows:**

  LOW-IMPACT DEVELOPMENT (LID) PRACTICES Site design approaches and small-scale stormwater management practices that promote the use of natural systems for infiltration, evapotranspiration, and reuse of rainwater. LID can be applied to new development, urban retrofits, and revitalization projects. LID utilizes design techniques that infiltrate, filter, evaporate, and store runoff close to its source. Rather than rely on costly large-scale conveyance and treatment systems, LID addresses stormwater through a variety of small, cost-effective landscape features located on-site.

- **Amend "NRCS" as follows:**

  NRCS USDA Natural Resource Conservation Service (previously SCS (Soil Conservation Service)).

- **Amend "PERVIOUS SURFACE" as follows:**

  PERVIOUS SURFACE Any area not defined as impervious.

- **Add "QUALIFIED PROFESSIONAL" as follows:**

  QUALIFIED PROFESSIONAL Any person licensed by the Pennsylvania Department of State or otherwise qualified by law to perform the work required by this Ordinance.

- **Amend "REGULATED EARTH DISTURBANCE ACTIVITY" as follows:**

REGULATED EARTH DISTURBANCE ACTIVITY Any earth disturbance activity subject to regulation under 25 Pa. Code 92, 25 Pa. Code 102, or the Clean Stream Law,

- **Amend "RETURN PERIOD" as follows:**

RETURN PERIOD The average interval, in years, within which a storm event of a given magnitude can be expected to recur. For example, the twenty-five-year return period rainfall would be expected to recur on the average of once every 25 years; or stated in another way, the probability of a 25-year storm occurring in any one year is 0.04 (i.e., a 4% chance).

- **Amend "RIPARIAN BUFFER" as follows:**

RIPARIAN BUFFER The area of land immediately adjacent to any stream, lake, pond, or wetland, intended to be permanently vegetated, measured perpendicular to and horizontally from the edge of waterbody or top-of-bank on both sides of a stream. (See "top-of-bank.")

- **Amend "RUNOFF" as follows:**

RUNOFF Any part of precipitation that flows over the land.

- **Amend "STATE WATER QUALITY REQUIREMENTS" as follows:**

STATE WATER QUALITY REQUIREMENTS. The regulatory requirements to protect, maintain, reclaim, and restore water quality under Title 25 of the Pennsylvania Code and the Clean Streams Law.

- **Amend "STORMWATER" as follows:**

STORMWATER The surface or drainage runoff generated by precipitation reaching the surface of the land or snow or ice melt.

- **Add "STORMWATER MANAGEMENT SITE PLAN (SWM SITE PLAN)" as follows:**

STORMWATER MANAGEMENT SITE PLAN (SWM SITE PLAN) The plan prepared by the developer or his representative indicating how stormwater runoff will be managed at the development site in accordance with this Ordinance. Stormwater Management Site Plan will be designated as SWM Site Plan throughout this Ordinance.

- **Amend "SUBDIVISION" as follows:**

SUBDIVISION As defined in The Pennsylvania Municipalities Planning Code, Act of July 31, 1968, P.L. 805, No. 247.

- **Add "USDA" as follows:**

USDA - United States Department of Agriculture.

SECTION 4. **Amendment of Section 122-75 [Stormwater and Watershed Management/Statement of Findings]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-75 [Statement of Findings] of the Franconia Township Code is hereby amended to add a new subsection "H" as follows:

Article X Stormwater and Watershed Management

***

§ 122-75. Statement of findings. The Board of Supervisors of Franconia Township finds that:

***

H. The use of green infrastructure and low impact development (LID) are intended to address the root cause of water quality impairment by using systems and practices which use or mimic natural processes to: 1) infiltrate and recharge, 2) evapotranspire, and/or 3) harvest and use precipitation near where it falls to earth. Green infrastructure practices and LID contribute to the restoration or maintenance of pre-development hydrology.

SECTION 5. **Amendment of Section 122-77 [Stormwater and Watershed Management/Statutory Authority]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-77 [Statutory Authority] of the Franconia Township Code is hereby amended and restated in its entirety as follows:

§ 122-77. Statutory Authority. The Township is empowered to regulate land use activities that affect stormwater impacts by the authority of the Pennsylvania Municipalities Planning Code, as amended, and/or the Act of October 4, 1978, P.L. 864 (Act 167), 32 P.S. Section 680.1, et seq., as amended, The Stormwater Management Act.

SECTION 6. **Amendment of Section 122-78 [Stormwater and Watershed Management/Applicability]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-78 [Applicability] of the Franconia Township Code is hereby amended to add Subsections 122-78.1 through 122-78.4 as follows:

§122-78.1 Repealer. Any other ordinance provision(s) or regulation of the municipality inconsistent with any of the provisions of this Ordinance is hereby repealed to the extent of the inconsistency only.

§122-78.2 Severability. In the event that a court of competent jurisdiction declares any section or provision of this Ordinance invalid, such decision shall not affect the validity of any of the remaining provisions of this Ordinance.

§122-78.3 Erroneous Permit. Any permit or authorization issued or approved based on false, misleading or erroneous information provided by an applicant is void without the necessity of any proceedings for revocation. Any work undertaken or use established pursuant to such permit or other authorization is unlawful. No action may be taken by a board, agency or employee of the Municipality purporting to validate such a violation.

§122-78.4. Waivers.

A. If the Municipality determines that any requirement under this Ordinance cannot be achieved for a particular regulated activity, the Municipality may, after an evaluation of alternatives, approve measures other than those in this Ordinance, subject to Section 78.4, paragraphs B and C.

B. Waivers or modifications of the requirements of this Ordinance may be approved by the Municipality if enforcement will exact undue hardship because of peculiar conditions pertaining to the land in question, provided that the modifications will not be contrary to the public interest and that the purpose of the Ordinance is preserved. Cost or financial burden shall not be considered a hardship. Modification may be considered if an alternative standard or approach will provide equal or better achievement of the purpose of the Ordinance. A request for modifications shall be in writing and accompany the Stormwater Management Site Plan submission. The request shall provide the facts on which the request is based, the provision(s) of the Ordinance involved and the proposed modification.

C. No waiver or modification of any regulated stormwater activity involving earth disturbance greater than or equal to one acre may be granted by the Municipality unless that action is approved in advance by the Department of Environmental Protection (DEP) or the delegated county conservation district.

SECTION 7. **Amendment of Section 122-79 [Stormwater and Watershed Management/Exemptions]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-79 [Exceptions] of the Franconia Township Code is hereby amended to amend and restate Subsections 122-79.A(2)-(4) in their entirety and to add a new Subsection 122-79.G as follows:

§122-79. Exemptions

A. The following land use activities are exempt from the SWM plan submission requirements of this article:

***

(2) Agriculture when operated in accordance with a conservation plan, nutrient management plan or erosion and sedimentation control plan approved by the County Conservation District, including activities such as growing crops, rotating crops, tilling of soil and grazing animals and provided the activities are performed according to the requirements of 25 Pa. Code Chapter 102. Installation of new or expansion of existing farmsteads, animal housing, waste storage and production areas having impervious surfaces that result in a net increase in earth disturbance of greater than 5,000 square feet shall be subject to the provisions of this article.

***

(3) Forest management and timber operations which are following the Department of Environmental Protection's management practices contained in its publication "Soil Erosion and Sedimentation Control Guidelines for Forestry," or other requirements that are outlined in 25 Pa. Code Chapter 102, and are operating under an approved E&S plan, although such operations must comply with stream buffer requirements.

***

(4) Any residential regulated earth disturbance activity that meets the following exemption criteria is exempt from the Water Quantity (Peak Rate), Quality (Groundwater Recharge, Volume), and Plan requirements of this Chapter, subject to the approval of the Township Engineer. This exemption does not relieve the applicant from implementing such measures as are necessary to protect health, safety, and property.

(a) Exemption is cumulative such that once the exemption amount is exceeded, all previously exempted impervious areas must be managed. If prior to this Ordinance being adopted, the site received an exemption from stormwater management, but the cumulative net increase in impervious since August 8, 2014, has exceeded 5,000 SF, then the project shall not be exempt again under the above criteria. Stormwater management shall be installed to meet the requirements of this chapter.

(b) Any area where existing impervious surface is removed shall be scarified, over excavated a minimum of 12 inches, restored with amended or other approved soils and topped with at least 6 inches of topsoil uniformly redistributed.

Stormwater Management Exemption Criteria

Total Parcel Size	Net Increase in Impervious Area
0-25,000 sf	1,000 SF
>25,000 sf-1 ac	2,500 SF
>1 ac-2 ac	4,000 SF
>2 ac	5,000 SF

***

G. The Municipality may deny or revoke any exemption pursuant to this Section at any time for any project that the Municipality believes may pose a threat to public health and safety or the environment.

SECTION 8. **Amendment of Section 122-81 [Stormwater and Watershed Management/General Requirements for Stormwater and Watershed Management]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-81 [General Requirements for Stormwater and Watershed Management] of the Franconia Township Code is hereby amended to amend and restate Subsections 122-81.B, 122-81.C, and 122-81.E in their entirety and to add new subsections 122-81.I through P as follows:

§122-81. General requirements for stormwater and watershed management.

***

B. No regulated earth disturbance or stormwater discharge activities within the Township shall commence until the Township issues written approval of a SWM Site Plan which demonstrates compliance with the requirements of this Article, and all applicable Township and state permits issued.

C. For all regulated earth disturbance activities, erosion and sediment control BMPs shall be designed, implemented, operated, and maintained during the regulated earth disturbance activities (e.g., during construction) to meet the purposes and requirements of this Article §122-83 and to meet all requirements under Title 25 of the Pennsylvania Code and the Clean Streams Law. Various BMPs and their design standards are listed in the *Erosion and Sediment Pollution Control Program Manual* (E&S Manual[3]), No. 363-2134-008, as amended and updated.

***

E. The municipality may, after consultation with DEP, approve measures for meeting the state water quality requirements other than those in this Ordinance, provided that they meet the minimum requirements of, and do not conflict with, state law including, but not limited to, the Clean Streams Law. All best management practices (BMPs) used to meet the requirements of this article shall conform to the state water quality requirements and such more stringent requirements as may be determined by the Township or DEP-approved Act 167 plans.

***

I. Impervious areas

1. The measurement of impervious areas shall include all of the impervious areas in the total proposed development even if development is to take place in stages.

2. For development taking place in stages, the entire development plan must be used in determining conformance with this Ordinance.

3. For residential developments involving a subdivision and land development creating a net increase of 2 or more new single-family dwelling units, the stormwater management facilities shall be designed for the proposed impervious area plus 25% of the proposed impervious area per lot, without the future impervious exceeding the maximum permitted impervious area as permitted by the Township's Zoning Ordinance. If this requirement prevents the application from meeting the stormwater exemption criteria, stormwater management shall be required. The purpose is to have stormwater facilities installed with new development to offset any potential impact to downstream neighbors.

4. For projects that add impervious area to a parcel, the total impervious area on the parcel is subject to the requirements of this Ordinance; except that the requirements in Sections §122-83 through 87 do not need to be retrofitted to existing impervious areas that are not being altered by the proposed regulated activity.

J. Stormwater flows onto adjacent property shall not be created, increased, decreased, relocated, or otherwise altered without written notification to the adjacent property owner(s). Such stormwater flows shall be subject to the requirements of this Ordinance.

K. The design of all facilities over karst shall include an evaluation of measures to minimize adverse effects.

L. Infiltration BMPs should be spread out, made as shallow as practicable, and located to maximize use of natural on-site infiltration features while still meeting the other requirements of this Ordinance.

M. Normally dry, open top, storage facilities should completely drain both the volume control and rate control capacities over a period of time not less than 24 and not more than 72 hours from the end of the design storm, unless otherwise approved by the Township Engineer.

N. The design storm volumes to be used in the analysis of peak rates of discharge should be obtained from the latest version of the Precipitation-Frequency Atlas of the United States, National Oceanic and Atmospheric Administration (NOAA), National Weather Service, Hydrometeorological Design Studies Center, Silver Spring, Maryland. NOAA's Atlas 145 can be accessed at: http://hdsc.nws.noaa.gov/hdsc/pfds/.

O. For all regulated activities, SWM BMPs shall be designed, implemented, operated, and maintained to meet the purposes and requirements of this Ordinance and to meet all requirements under Title 25 of the Pennsylvania Code, the Clean Streams Law, and the Storm Water Management Act.

P. Various BMPs and their design standards are listed in the BMP Manual.

SECTION 9. Amendment of Section 122-84 [Stormwater and Watershed Management/Water quality requirements and stormwater volume control after land development and/or regulated earth disturbance are complete]

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-84 [Water quality requirements and stormwater volume control after

land development and/or regulated earth disturbance are complete] of the Franconia Township Code is hereby amended to amend to retitle the section to "Water Quality Volume Controls, to amend and restate Subsections 122-84.A and 122-84.G, in their entirety and to add new subsections 122-84.B.1 as follows:

§122-84. Water Quality Volume Controls

A. The green infrastructure and low impact development practices provided in the BMP Manual shall be utilized for all regulated activities wherever possible. Water volume controls shall be implemented using the *Design Storm Method* in Subsection F or the *Simplified Method* in Subsection G below. For regulated activity areas equal or less than one acre that do not require hydrologic routing to design the stormwater facilities, this Article establishes no preference for either methodology; therefore, the applicant may select either methodology on the basis of economic considerations, the intrinsic limitations on applicability of the analytical procedures associated with each methodology and other factors. All regulated activities shall include such measures as necessary to:

(1) Protect health, safety, and property.

(2) Meet the water quality goals of this Ordinance by implementing measures to:

a. Minimize disturbance to floodplains, wetlands, and wooded areas.

b. Create, maintain or extend riparian buffers.

c. Avoid erosive flow conditions in natural flow pathways.

d. Minimize thermal impacts to waters of this Commonwealth.

e. Disconnect impervious surfaces by directing runoff to pervious areas, wherever possible, consistent with other provisions of this Code.

(3) Incorporate methods described in the Pennsylvania Stormwater Best Management Practices Manual (BMP Manual). If methods other than green infrastructure and LID methods are proposed to achieve the volume and rate controls required under this Ordinance, the SWM Site Plan must include a detailed justification demonstrating that the use of LID and green infrastructure is not practicable.

***

B.1. For modeling purposes:

a. Existing (predevelopment) non-forested pervious areas must be considered meadow in good condition.

b. 20% of existing impervious area, when present, shall be considered meadow in good condition in the model for existing conditions.

***

G. Simplified method (regulated activities less than or equal to one acre).

(1) Stormwater facilities shall capture the runoff volume from at least the first two inches of runoff from all new impervious surfaces.

Volume (cubic feet) = (two inches runoff/12 inches) * impervious surface (square feet)

(2) At least the first inch of runoff volume from the new impervious surfaces shall be permanently removed from the runoff flow, i.e., it shall not be released into the surface waters of the commonwealth. The calculated volume shall be either reused, evapotranspired or infiltrated through structural or nonstructural means.

Volume (cubic feet) = (one inch runoff/12 inches) * impervious surface (square feet)

(3) Wherever possible, infiltration facilities should be designed to accommodate infiltration of the entire permanently removed runoff, however, in all cases at least the first 1/2 inch of the permanently removed runoff should be infiltrated.

(4) This method is exempt from the requirements of Sections 85-87, Water Quantity Rate Controls.

SECTION 10. **Amendment of Section 122-85 [Stormwater and Watershed Management/Water quantity infiltration requirements after land development and regulated earth disturbance activities are complete]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-85 [Water quantity infiltration requirements after land development and regulated earth disturbance activities are complete] of the Franconia Township Code is hereby amended to amend and restate Subsection 122-85.B(5) in its entirety as follows:

§122-85. Water quantity infiltration requirements after land development and regulated earth disturbance activities are complete.

***

B.

***

(5) If on-lot infiltration structures are proposed by the applicant's design professional, it must be demonstrated to the municipality that the soils are conducive to infiltrate on the lots identified based on field-determined capacity at the level of the proposed infiltration surface and based on the safety factor of 50%. All open-air infiltration facilities shall be designed to completely infiltrate runoff volume within three days (72 hours) from the start of the design storm.

SECTION 11. **Deletion of Section 122-86 [Stormwater and Watershed Management/Water quantity requirements after land development and regulated earth disturbance activities are complete for streambank protection]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-86 [Stormwater and Watershed Management/Water quantity requirements after land development and regulated earth disturbance activities are complete for streambank protection] of the Franconia Township Code is hereby deleted in its entirety and RESERVED for future use.

SECTION 12. **Amendment of Section 122-87 [Stormwater and Watershed Management/Additional water quantity requirements after land development and regulated earth disturbance activities are complete]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-87 [Additional water quantity requirements after land development and regulated earth disturbance activities are complete] of the Franconia Township Code is hereby amended to amend and restate Subsection 122-87.A in its entirety as follows:

§122-87. Additional water quantity requirements after land development and regulated earth disturbance activities are complete.

***

A. The East Branch Perkiomen Creek watershed has been divided into stormwater management districts as shown on the Watershed Map in Appendix 1. Proposed post-construction conditions peak rates of runoff from any regulated activity shall meet the peak release rates of runoff prior to development for the design storms specified below. These

are in addition to the requirements for water quality (§ 122-84), and groundwater recharge (§ 122-85)

District	Design Storm Proposed conditions	Design Storm Existing conditions
A	2-year	1-year
	5-year	5-year
	10-year	10-year
	25-year	25-year
	50-year	50-year
	100-year	100-year
B	2-year	1-year
	5-year	2-year
	10-year	5-year
	25-year	10-year
	50-year	25-year
	100-year	50-year
C-1	2-year	1-year
	5-year	2-year
	10-year	10-year
	25-year	25-year
C-2	2-year	1-year
	5-year	2-year
	10-year	5-year
	25-year	10-year
	50-year	25-year
	100-year	50-year

SECTION 13. **Amendment of Section 122-89 [Stormwater and Watershed Management/ Responsibilities for operations and maintenance of BMPs]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-89 [Responsibilities for operations and maintenance of BMPs] of the Franconia Township Code is hereby amended to amend and restate Subsection 122-89.A in its entirety and to add new subsections 122-89.C through 122-89.E as follows:

§122-89. Responsibilities for operations and maintenance of BMPs.

A. The drainage plan for the development site shall contain an operation and maintenance plan prepared by the applicant and approved by the Township Engineer. The operation and maintenance plan shall outline required routine maintenance actions and schedules necessary to insure proper operation of the facility(ies). The Municipality shall make the final determination on the continuing maintenance responsibilities prior to final approval of the SWM Site Plan. The municipality may require a dedication of such facilities as part of the requirements for approval of the SWM Site Plan. Such a requirement is not an indication that the municipality will accept the facilities. The municipality reserves the right to accept or reject the ownership and operating responsibility for any portion of the stormwater management controls.

***

C. Facilities, areas, or structures used as SWM BMPs shall be enumerated as permanent real estate appurtenances and recorded as deed restrictions or conservation easements that run with the land.

D. The O&M Plan shall be recorded as a restrictive deed covenant that runs with the land.

E. The Township may take enforcement actions against an owner for any failure to satisfy the provisions of this Article.

SECTION 14. Amendment of Section 122-90 [Stormwater and Watershed Management/Township review of BMP operations and maintenance plan]

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-90 [Township review of BMP operations and maintenance plan] of the Franconia Township Code is hereby amended to amend and restate that section in its entirety as follows:

§122-90 Township review of BMP operations and maintenance plan.

A. The Township shall review the BMP operations and maintenance plan for consistency with the purposes and requirements of this article and any permits issued by DEP.

B. The Township shall notify the applicant in writing whether the BMP operations and maintenance plan is approved or disapproved within 90 days with reasons for any disapproval in writing. The Township may also approve the Plan with conditions and, if so, shall provide the acceptable conditions for approval in writing.

C. The applicant/developer will provide an "as-built survey" of all stormwater BMPs within the Township's Survey Control System Datum and an explanation of any discrepancies with the design and/or operations and maintenance plan.

D. The Township, upon recommendation of the Township Engineer, shall make the final determination on the continuing maintenance responsibilities prior to final approval of the drainage plan. The municipality reserves the right to accept the ownership and operating responsibility for any or all of the stormwater management controls.

E. For any SWM Site Plan that proposes to use any BMPs other than green infrastructure and LID practices to achieve the volume and rate controls required under this Ordinance, the Municipality will not approve the SWM Site Plan unless it determines that green infrastructure and LID practices are not practicable.

F. A modification to a submitted SWM Site Plan that involves a change in SWM BMPs or techniques, or that involves the relocation or redesign of SWM BMPs, or that is necessary because soil or other conditions are not as stated on the SWM Site Plan as determined by the Municipality shall require a resubmission of the modified SWM Site Plan in accordance with this Article.

G. A disapproved SWM Site Plan may be resubmitted, with the revisions addressing the Municipality's concerns, to the Municipality in accordance with this Article. The applicable review fee must accompany a resubmission of a disapproved SWM Site Plan.

H. The Township's approval of an SWM Site Plan authorizes the regulated activities contained in the SWM Site Plan for a maximum term of validity of 5 years following the date of approval. The Township may specify a term of validity shorter than 5 years in the approval for any specific SWM Site Plan. Terms of validity shall commence on the date the Township signs the approval for an SWM Site Plan. If an approved SWM Site Plan is not completed according to Section 95 within the term of validity, then the Township may consider the SWM Site Plan disapproved and may revoke any and all permits.

SECTION 15. Amendment of Section 122-91 [Stormwater and Watershed Management/Adherence to approved BMP operations and maintenance plan]

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-91 [Adherence to approved BMP operations and maintenance plan] of

the Franconia Township Code is hereby amended to amend and restated subsection 122-91.B in its entirety as follows:

§122-91. Adherence to approved BMP operations and maintenance plan.

***

B. Stormwater management (SWM) best management practices (BMPs) should be inspected for proper operation by the landowner, or the owner's designee (including the municipality for dedicated and owned facilities), according to the following list of minimum frequencies and during or immediately following precipitation events:

(1) Annually for the first five years;

(2) Once every three years thereafter;

(3) During or immediately after the cessation of a ten-year or greater storm; and/or

(4) As specified in the operations and maintenance (O&M) agreement. Written reports should be filed with the Township in a designated format suitable for Township compliance with NPDES MS4 permit reports to document each inspection. The inspection report shall contain the date and time of the inspection, the individual(s) who completed the inspection, the location of the BMP, facility or structure inspected, observations on performance, and recommendations for improving performance, if applicable. Inspection reports shall be submitted to the Municipality within 30 days following completion of the inspection.

SECTION 16. **Amendment of Section 122-95 [Stormwater and Watershed Management/As-Built Plans, Complete Certificate, and Inspections]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-95 [As-Built Plans, Completion Certificate, and Inspections] of the Franconia Township Code is hereby amended to retitle that section, and to amend and restate that section in its entirety as follows:

§122-95. As-Built Plans, Completion Certificate, and Inspections.

A. The municipality shall inspect all phases of the installation of the best management practices (BMPs) and/or stormwater management (SWM) facilities as deemed appropriate by the municipality, the Montgomery County Conservation District and in conformance with DEP Chapter 102.

B. During any stage of the work, if the municipality determines that the BMPs and/or stormwater management facilities are not being installed in accordance with the approved SWM site plan, the municipality may revoke or suspend any existing permits or other approvals and issue a cease and desist order until a revised SWM site plan is submitted and approved, as specified in this article and until the deficiencies are corrected.

C. After receipt of the completion certification by the Municipality, a final inspection of all BMPs and/or stormwater management facilities may be conducted by the municipality to confirm compliance with the approved SWM site plan prior to the issuance of any occupancy permit.

D. The applicant and/or developer shall be responsible for providing as-built plans of all SWM BMPs included in the approved SWM site plan. The as-built plans and an explanation of any discrepancies shall be submitted to the Township for acknowledgment in conformance with the Township NPDES MS4 permit recording requirements.

E. The as-built submission shall include a certification of completion signed by a qualified professional verifying that all SWM BMPs have been constructed according to the approved plans and specifications. The latitude and longitude coordinates for all permanent SWM BMPs must also be submitted, at the central location of the BMPs. If any qualified professionals contributed to the construction plans, they must sign and seal the completion certificate.

F. DEP or its designees (e.g., County Conservation Districts) ensure compliance with any Chapter 102 permits issued, including those for stormwater and watershed management. In addition to DEP compliance programs, the Township or its designee may inspect all phases of the construction, operations, maintenance and any other implementation of stormwater BMPs as required by Franconia Township NPDES MS4 permit.

SECTION 17. **Amendment of Section 122-97 [Stormwater and Watershed Management/Fees]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-97 [Fees] of the Franconia Township Code is hereby amended to retitle that section, and to amend and restate that section in its entirety as follows:

§122-97 Fees and Performance Guarantee.

A. The Township may charge a reasonable fee for review of stormwater and watershed management site plans, stormwater management facilities, BMP operations and maintenance plans, administrative/clerical processing, attendance at meetings, inspections, etc. as may be allowed under this article to defray review costs incurred by the Township. The applicant shall pay all such fees.

B. For SWM Site Plans that involve subdivision and land development, the applicant shall provide a financial guarantee to the Municipality for the timely installation and proper construction of all stormwater management controls as required by the approved SWM Site Plan and this Ordinance in accordance with the provisions of Sections 509, 510, and 511 of the Pennsylvania Municipalities Planning Code.

SECTION 18. **Amendment of Section 122-99 [Stormwater and Watershed Management/Prohibited discharges]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-99 [Prohibited discharges] of the Franconia Township Code is hereby amended to amend and restated subsection 122-99.B in its entirety as follows:

§122-99. Prohibited discharges.

B. Discharges which may be allowed, based on a finding by the Township that the discharge(s) do not significantly contribute to pollution to surface waters of the commonwealth, are:

(1) Discharges or flows from firefighting activities;

(2) Uncontaminated pumped groundwater, water from foundation or from footing drains or crawl space pumps;

(3) Potable water sources including dechlorinated waterlines and fire hydrant flushings (if such discharges do not contain detectable concentrations of Total Residual Chlorine (TRC);

(4) Diverted stream flows and springs;

(5) Non-contaminated lawn watering, water from lawn maintenance, irrigation water, landscape drainage and flows from riparian habitats and wetlands;

(6) Non-contaminated HVAC condensation, and water from geothermal systems; and

(7) Water from individual residential (i.e. not commercial) vehicle wash water where cleaning agents are not utilized.

SECTION 19. **Amendment of Section 122-104 [Stormwater and Watershed Management/Enforcement generally]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-104 [Enforcement Generally] of the Franconia Township Code is hereby amended to amend and restate Subsection 122-104.B in its entirety and to add new subsections 122-104.D through 122-104.F as follows:

§122-104. Enforcement generally.

***

B. Such notification shall set forth the nature of the violation(s) and if a violation causes no immediate danger to life, public health, or property, at its sole discretion, the Township may establish a limited time limit for correction of said violation(s). Said notice may further advise that, if applicable, should the violator fail to take the required action within the established deadline, the work will be done by the Township or designee and the expense thereof shall be charged to the violator.

***

D. It shall be unlawful for a person to undertake any regulated activity except as provided in an approved SWM Site Plan, unless specifically exempted in Section §122-79.

E. It shall be unlawful to violate Section §122-102 of this Ordinance.

F. Inspections regarding compliance with the SWM Site Plan are a responsibility of the Municipality.

SECTION 20. **Amendment of Section 122-106 [Stormwater and Watershed Management/Violations and Penalties]**

Chapter 122 [Subdivision and Land Development], Article X [Stormwater and Watershed Management], Section 122-106 [Violations and Penalties.] of the Franconia Township Code is hereby amended to amend and restate that section in its entirety as follows:

§122.106. Violations and penalties.

A. Any person violating the provisions of this article shall be guilty of a summary offense and, upon conviction, shall be subject to a fine of not more than $600 for each violation, recoverable with costs, or imprisonment of not more than 10 days, or both. Each day that the violation continues shall be a separate offense and penalties shall be cumulative.

B. In addition, the Township, through its Solicitor, may institute injunctive, mandamus or any other appropriate action or proceeding at law or in equity for the enforcement of this article. Any court of competent jurisdiction shall have the right to issue restraining orders, temporary or permanent injunctions, mandamus or other appropriate forms of remedy or relief.

SECTION 21. Severability.

The provisions of this Ordinance are severable, and if any section, sentence, clause, part or provision herein shall be held illegal, invalid or unconstitutional by any Court of competent jurisdiction, such decision of the Court shall not effect or impair the remaining sections, sentences, clauses, parts or provisions of the Ordinance. It is hereby declared to be the intent of the Board that this Ordinance would have been adopted as if such illegal, invalid or unconstitutional section, sentence, clause, part or provision had not been included herein.

SECTION 22. Disclaimer.

Nothing in this Ordinance shall be construed to effect any suit or proceeding pending in any court, or any rights acquired or liability incurred, or any permit issued, or any cause or causes of action existing under the ordinances of the Township of Franconia prior to enactment of this Ordinance.

SECTION 23. Effective Date.

This Ordinance shall become effective five (5) days after enactment.

DULY ENACTED AND ORDAINED this _____ day of _____, 2023, by the Board of Supervisors of Franconia Township, Montgomery County, Pennsylvania, in lawful session duly assembled.

FRANCONIA TOWNSHIP
BOARD OF SUPERVISORS

_____

GREY R. GODSHALL, *Chairman*

(Township Seal)

Attest:

_____

JON HAMMER, *Secretary*

FRANCONIA TOWNSHIP

REGULAR MINUTES

BOARD OF SUPERVISORS

Chairman Grey Godshall called the Regular Meeting of the Board of Supervisors to order on Monday, March 20th, 2023, at 6:01 p.m. at the Municipal Building, 671 Allentown Road, Telford, Pennsylvania 18969.

Present were Chairman Grey Godshall, Vice Chairman David B. Fazio, Supervisor Robert Nice, Supervisor Charles Amuso and Supervisor Jill Halteman. Also, in attendance were Township Manager Jon A. Hammer, Township Solicitor Eric Wert, Esquire, Township Engineer Douglas C. Rossino and interested residents of Franconia Township.

Solicitor Wert announced that prior to the start of the meeting the Board met in an executive session to discuss labor, potential personnel, and a potential matter of real estate.

Open meeting to the Public

Chairman Godshall opened the meeting to the public.

Mr. Steve Boell, was present to thank the board for the appointment as the representative to the library. He reported that the Library Board wants to do a better job reaching out to the municipalities and offered his contact information for any questions or concerns the Board may have.

APPROVAL OF THE FEBRUARY 21, 2023 REGULAR MEETING MINUTES

Supervisor Fazio motioned for the approval. It was seconded by Supervisor Nice, and all voted in favor, 5-0.

SOLICITOR 'S REPORT – ERIC WERT, ESQUIRE

Ordinance 418-23 An Ordinance of the Township of Franconia, Montgomery County, Pennsylvania amending the Stormwater Management Standards. Solicitor Wert opend the hearing on the record. Mary Gladwell was present to record the hearing. Mr. Wert moved the exhibits onto the record and announced the advertising dates of the hearing. Mr. Rossino

summarized that the intent of the revisions is to be consistent with DEP's model ordinance. Mr. Wert asked if there were any questions or comments from the public or the Board. Hearing none he asked for a motion to approve the Ordinance. Supervisor Amuso made the motion, and it was seconded by Supervisor Fazio and all voted in favor. Mr. Wert closed the hearing and the record.

POLICE REPORT- CHIEF MICHAEL MARTIN

Chief Martin submitted the statistical report prior to the meeting. He added that the speed signs throughout the Township are being rotated to various locations as needed and that the department has started the annual recertification for fire arms.

HIGHWAY REPORT-ANTHONY FRYDLEWICZ

Mr. Frydlewicz submitted his report prior to the meeting. He stated that the renovations to the Public Works garage are complete. They included updating the breakroom, bathroom, and the office. The pad site for the pole barn on Indian Creek Road is well underway.

ENGINEERING REPORT- DOUGLAS C. ROSSINO, P.E.

Mr. Rossino submitted his report prior to the meeting. The industrial building on Schoolhouse Road has completed the 18 month maintenance period and is now closed out. Chairman Godshall asked if the tree removal for the Pulte project off of Beck Road has been completed. Mr. Rossino will report back with findings.

TREASURER'S REPORT

A motion was made by Supervisor Nice and seconded by Supervisor Fazio to approve the Treasurer's Report as presented, and to provide authorization for the Treasurer to pay all bills for the respective funds as presented on Voucher No. 23-20-3 dated March 20, 2023, in the amount of $294,443.12. Mr. Nice reported that it included checks to the library for $68,000 and $41,000 for capital projects. The motion passed, 5-0.

PAYROLL

A motion was made by Supervisor Nice and seconded by Supervisor Fazio for the Treasurer to be authorized to pay all employees during the pay period of March 20, 2023, through April 16, 2023, according to the hours worked as listed on the Payroll Journal for the aforesaid period. The motion carried unanimously.

FRANCONIA TOWNSHIP

BOARD OF SUPERVISORS

Regular Meeting
Agenda
Monday, August 15, 2022 6 PM - 6:15 PM

1. Call Meeting to Order/Roll Call
2. Pledge of Allegiance
3. Open Meeting to the Public
4. Approval of the July 18, 2022 Regular Meeting Minutes - Approved w/Condition 4-0
5. Solicitor's Report – Eric Wert., Esquire.
   A) Motion to advertise Ordinance 417-22 An Amendment to the Stormwater Ordinance - Approved 4-0
6. Police Report – Chief Michael Martin
7. Highway Report – Tony Frydlewicz
8. Engineering Report – Douglas C. Rossino, P.E.
9. Motion for Approval of Treasurer's Report and authorization for Treasurer to pay all bills for the respective funds as presented on Voucher No. 22-15-08 dated August 15th, 2022, in the amount of $343,234.13. - Approved 4-0
10. Payroll
    Motion for the Treasurer to be authorized to pay all employees during the pay period of August 15, 2022 through September 18, 2022 according to the hours worked as listed on the Payroll Journal for the aforesaid period. - Approved 4-0
11. Land Development and Subdivision- None
12. Motion to advertise for Fuel Bids - Approved 4-0
    a) Unleaded Gasoline-87.0 Octane (approx. 5,000 gallons via a card activated system
    b) Unleaded Gasoline-89.0 Octane (approx. 16,000 gallons) via a card activated system
    c) Diesel Fuel – approx. 11,000 gallons to be delivered
    d) No. 2 Fuel Oil – approx. 10,500 gallons
13. The Franconia Township Planning Commission will hold its next Regular Meeting on Tuesday, September 6, 2022 at 7:00 p.m. at the Franconia Township Municipal Building, 671 Allentown Road, Telford, Pennsylvania 18969.

14. The next Regular Board of Supervisors meeting will be held at 6:00 p.m. on Monday, September 19, 2022, at the Franconia Township Municipal Building, 671 Allentown Road, Telford, Pennsylvania 18969 and the Board of Supervisors Work Session will be held on Monday, September 19, 2022, beginning at 5:00 p.m. at the same location.

15. Motion to Adjourn

Franconia Township

Home / Details

Stormwater Management

STORMWATER MANAGEMENT- TMDL STRATEGY PLAN

Franconia Township is required to file a strategy plan that addresses how the Township intends on reducing the amount of sediment in the impaired Skippack Creek and Indian Creek, with measurable results within the next five years. The Township's MS4 Committee has worked closely with the Township Engineers to develop a plan that they believe will accomplish a reduction in the sediment level and satisfy the requirements of the PA Department of Environmental Protection (PADEP) and the U.S. Environmental Protection Agency (EPA). The plans can be viewed by clicking here or by stopping into the office and requesting to review the document.

Please see the following ordinance pertaining to stormwater management that has not yet been added to the online code:

Ordinance #377
Updated requirements for the Neshaminy Watershed

FRANCONIA COMMUNITY PARK RAIN GARDEN PROJECT

The Franconia Township Public Works Department completed the installation of a rain garden. The rain garden project was selected for grant funding through the Pennsylvania Department of Community and Economic Development. It provides both a mechanism for managing stormwater runoff and providing information to the park patrons about the benefits of rain gardens. Click here to read more about the project. The final plantings were added and the signage is the last step in the completion of the project.

Rain Garden Construction Photographs

Perkiomen Watershed Conservancy

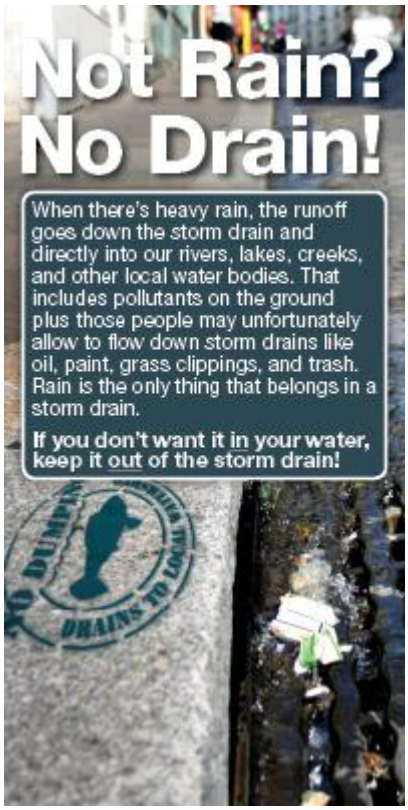
- Eradicating European Water Chestnut
- Seasonal Tips For Protecting Our Waterways Fall
- The Many Benefits Of Trees
- Winter Article MS4

Attention Local Property Owners Plant Invasion In Your Area!

Help Us Manage Stormwater Pollution

Stormwater Ordinance Status: Franconia Township updated its Stormwater Ordinance when it enacted Ordinance 377 on August 18, 2014. This Ordinance was an update to the original Ordinance approved in 2005. Ordinance #377 implements provisions of the "Neshaminy Creek Watershed Act 167 Stormwater Management Plan" in accordance with PA Act 167. It sets forth new and amends prior definitions, stormwater management regulations for water quality and quantity, Stormwater Best Management Practice (BMP) operations and maintenance requirements, inspections and right of entry regulations, fees and expenses, prohibited activities, and the enforcement of the Ordinance and penalties for violations.

What is storm water?



When it rains or snows, all of that precipitation either travels over the land or seeps into the ground. The water that runs over the land and gets into the storm sewer system is called stormwater runoff. This water then goes directly into our nearby creeks, rivers, and lakes.

What's the problem?

As this water flows over the ground and through the streets, it washes debris, chemicals and other pollutants into our creeks. The runoff, along with everything it collects on the way, never gets treated. To see two common ways you may

be unknowingly contributing to stormwater pollution, click here. Very expensive treatment technologies are required to remove these harmful pollutants from our drinking water. In addition, excessive debris can clog inlets causing flooding and property damage.

Ways for You to Prevent Stormwater Pollution

- Properly dispose of hazardous substances such as oil, cleaning supplies, and paint. Never pour them into the storm sewer system.
- Properly and efficiently use pesticides, fertilizers, and herbicides to prevent excess amounts into runoff.
- Report any signs of soil or other debris washing out of construction sites that could impact water quality.
- Pick up after pets and dispose of their wastes in the toilet or trash can.
- Install innovative storm water practices on residential property such as rain barrels or rain gardens.
- Report any discharges from storm system outfalls during times of dry weather – a sign that there could be a problem with the system.

How do we fix it?

Franconia Township, in conjunction with the Pennsylvania Department of Environmental Protection (DEP), is currently taking steps to prevent stormwater pollution through a federally mandated program that better manages stormwater. The 5-year NPDES (National Pollution Discharge Elimination System) Program will reduce the pollution by identifying sources of contamination in our community and get the entire township involved in making sure our water stays clean for drinking, recreation and wildlife! Please do your part and help us manage stormwater pollution.

*Any illicit discharge as defined in the newly-adopted Ordinance is a violation of the Code, and those who dump will be guilty of a misdemeanor and subject to a fine. Please call the **Stormwater Hotline** to report illicit discharges or anything that might pollute our streams at 215-723-1137!

To report an environmental emergency call:

Pennsylvania Department of Environmental Protection Hotline: 484-250-5900,
Franconia Township Police 215-723-6777,
Township Office 215-723-1137

Single-Family Construction

Are you planning construction on your property? Franconia Township is taking measures to increase awareness of construction impacts on our water resources. All projects that will clear, grade, or disturb a site must install erosion and sediment controls. The sediment from construction sites must be trapped and prevented from leaving the site and getting into our storm sewer systems and creeks. Not only do our water resources need to be protected, but without these controls, properties downstream can be affected when stormwater carries the sediment down slope.

Use a Silt Fence

If the proper erosion control techniques are used, water quality will be improved and flooding will be reduced. Common control measures include silt fence, hydro-seeding, straw, and vegetation. Please contact the township with any questions or for more information on erosion and sediment control and stabilized measures to keep our waterways clean.

Don’t Ditch the Ditch!

After it rains, stormwater runoff travels over the roads collecting debris and pollutants. The sediment, fertilizers, pet waste, oil and grease, etc. that can get into the water, quickly flow into the storm sewer where they get discharged directly into our creeks without ever being treated! The consequences of this can include odorous, unsightly algal blooms, illness from bacteria, harm to our aquatic life, and expensive laboratory testing.

Ditches, the environmentally sensitive alternative, filter out some of these pollutants and infiltrate the runoff back into our groundwater. Compared to stormwater pipe, ditches provide more capacity to convey stormwater runoff and their pervious nature slows down the velocity to allow the water to be absorbed by plants and soil.

To help increase water quality and offset negative stormwater impacts, protect and preserve these low maintenance ditches!

You can also check out this link for more informational articles on stormwater management.

For links to the EPA literature on stormwater pollution prevention, please click on the following links:

- Water Efficiencey
- Learn About Water

For more information please visit the following EPA websites:

- http://water.epa.gov/lawsregs/
- http://water.epa.gov/polwaste/npdes/stormwater/Stormwater-basic-information.cfm

Documents

- STORMWATER Small Stream 20131001154907
- STORMWATER STROUD CTR 20131001155012
- Twp Today Newsletter Fall 2013 LO
- USGS Phosphorus And Groundwater Establishing Links Between Agricultural Use And Transport To Streams
- Business Guide To Stormwater Management
- Household Waste Chart
- Source Water Protection Article 2014
- STORMWATER ARTICLE CBF 20131001154749
- Ordinance #377
  Updated requirements for the Neshaminy Watershed
- 2020 05 01 FT TMDL PRP PLAN
- FT ANNUAL MS4 STATUS REPORT

Other Links:

- Center for Watershed Protection
- www.perkiomenwatershed.org
- Rain Gardens
- Polluted Runoff- Everybody's Business
- Partnership for the Delaware Estuary
- EPA Nonpoint Source Outreach Toolbox
- Pennsylvania Environmental Council
- Montgomery County Conservation District

TEN THINGS I CAN DO TO HELP PROTECT MY WATER

1. **Pick up after your pets and keep livestock out of streams.**
   Pet and animal wastes can carry harmful bacteria and diseases. They contaminate creeks and require expensive water treatment for human uses.
2. **Never dump anything down a stormdrain!**
   Stormwater systems do not filter pollutants from stormwater so anything that goes down the stormdrain will end up in the nearest creek.
3. **Maintain open, forested floodplains.**
   Floodplains are critical landforms that absorb water during floods and act as giant filters the rest of the time. Filling or paving them increases flooding and pollution elsewhere.
4. **Plant trees and maintain naturally vegetated streamside buffers.**
   Streamside trees and native vegetation help filter pollutants from stormwater run-off and reduce erosion by holding streambank soils in place.
5. **Convert large yards or public spaces from mown grass to meadows.**
   The typical suburban lawn is nearly as impervious as a parking lot! Native meadow grasses infiltrate stormwater better and provide critical habitat for grassland birds.
6. **Cut back on lawn fertilizers and pesticides.**
   Much of the fertilizer applied in the spring flows directly into the local creeks because the grass is not ready to absorb it. Use a mulching mower set at 3 inches to create a healthy, organic lawn. Fertilize only in the fall!
7. **Disconnect your downspout from the storm drain.**
   Rainwater from your roof is just as damaging to creeks and streams as run-off from a parking lot. Let your yard help filter out impurities and infiltrate stormwater back into your aquifer.
8. **Convert a corner of your yard to a rain garden.**
   A wet area in your yard can be a nuisance or an amenity, depending on how it's managed. Use native plants that like occasional "wet feet' and create a focal point.
9. **Keep your paved surfaces to a minimum.**
   Patios and parking spaces can be created with attractive pervious materials that allow stormwater infiltration to the soils below.
10. **Maintain your septic tank.**
    Septic tank maintenance isn't sexy but with thousands of on-lot septic systems in our communities, proper maintenance is critical to protecting groundwater and surface water from contamination.

Stream Clean-up 2023

- Dark Green Markers - Clean-up sites that can accommodate 15 or more volunteers.

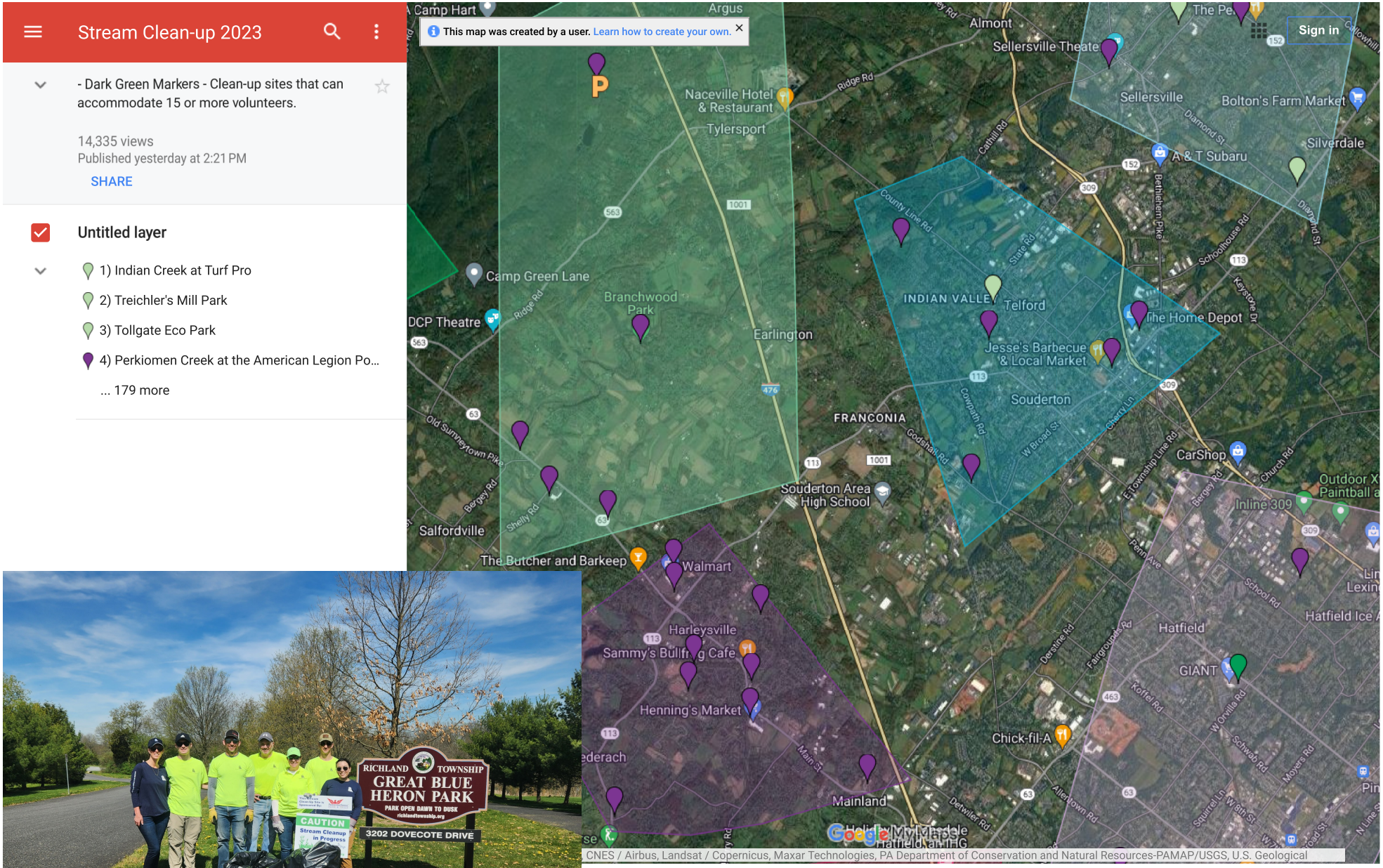
14,335 views
Published yesterday at 2:21 PM

SHARE

Untitled layer

1) Indian Creek at Turf Pro
2) Treichler's Mill Park
3) Tollgate Eco Park
4) Perkiomen Creek at the American Legion Po...

... 179 more



FRANCONIA TOWNSHIP COMPLAINT TRACKING				
DATE	**NATURE**	**DESCRIPTION**	**ADDRESS**	**OWNER INFO**
3/14/2014	STORMWATER	RESIDENT CALLED WITH CONCERN ABOUT DRAINAGE BTWN HER AND NEIGHBOR. THE DRAINAGE ISSUES HAS TO DO WITH LANDSCAPING AND PROPERTY IMPROVEMENTS. PRIVATE PROPERTY TO BE ADDRESSED BTWN OWNERS.	117 ABBEY LANE, TELFORD, PA 18969	RICHARD AND LOIS KOELLE
6/27/2014	STORMWATER	RESIDENT CALLED WITH CONCERN ABOUT PROPOSED RAIN GARDEN TO BE INSTALLED NEAR HIS PROPERTY BY PENNDOT AS PART OF A ROAD PROJECT. DISCUSSED ISSUE WITH TOWNSHIP ENGINEER AND WAS INFORMED OF THE BENEFITS OF A RAIN GARDEN TO THE RESIDENT.	191 COWPATH ROAD, SOUDERTON, PA 18964	CARL LEVIN
7/16/2019	STORMWATER	DRAINAGE COMPLAINT OF SW FROM LINCOLN WOODS DEVELOPMENT	100 Kulp Road	Douglas and Lysa Schmitt
6/30/2020	STORMWATER	SNOW MELT CAUSED BASEMENT FLOODING	BERGEY ROAD/TELFORD PK (FROM DENNIS DETWEILER PROPERTY)	Various
9/7/2021	STORMWATER	STORMWATER FLOWS FROM TWP MS4 FLOWING TO PRIVATE PROPERTY	BERGEY ROAD/TELFORD PK	

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township
NPDES Permit No.: PA G-130147
Date of Inspection: 5/31/2023
Outfall ID No.: O-MS4-2023-1
Land Uses in Outfall Drainage Area (Select All):
Latitude:
Longitude:

- ☐ Industrial
- ☒ Suburban Residential
- ☐ Commercial
- ☐ Other
- ☐ Open Space

Dry Weather Inspection?
Date of Previous Precipitation: 05/20/2023
Amount of Previous Precipitation: 1 in
Were Photographs Taken?
Are Photographs Attached?

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☒ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: NaN in	in Water Sediment
	☐ PVC ☐ HDPE	☐ Elliptical ☐ Double		☐ No ☐
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☐ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☒ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-2

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☒ Steel ☐ Other	☐ Circular ☒ Single ☒ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 24 in	in Water / Sediment ☒ No / ☒ ☐ Partially / ☐ ☐ Fully / ☐
☒ Open Channel	☒ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: Top Width: Bottom Width:	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No

If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No

If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-3

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☒ Single	Diameter: 24 in	in Water Sediment
	☐ PVC ☐ HDPE	☒ Elliptical ☐ Double		☐ No ☐
	☒ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☒ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

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Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-4

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☒ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: NaN in	in Water Sediment
	☐ PVC ☐ HDPE	☒ Elliptical ☐ Double		☐ No ☐
	☒ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
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Other: Detergents		ppm	Other:		

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ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

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Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

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Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township
NPDES Permit No.: PA G-130147
Date of Inspection: 5/31/2023
Outfall ID No.: O-MS4-2023-5
Land Uses in Outfall Drainage Area (Select All):
Latitude:
Longitude:

- ☐ Industrial
- ☒ Suburban Residential
- ☐ Commercial
- ☐ Other
- ☐ Open Space

Dry Weather Inspection?
Date of Previous Precipitation: 05/20/2023
Amount of Previous Precipitation: 1 in
Were Photographs Taken?
Are Photographs Attached?

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: NaN in	in Water Sediment
	☐ PVC ☐ HDPE	☒ Elliptical ☐ Double		☒ No ☒
	☒ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☒ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-6

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: NaN in	in Water Sediment
	☐ PVC ☒ HDPE	☒ Elliptical ☐ Double		☒ No ☐
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☒
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

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Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-7

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☒ Circular ☐ Single	Diameter: 15 in	in Water / Sediment
	☐ PVC ☒ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☒ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township
Date of Inspection: 5/31/2023
Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147
Outfall ID No.: O-MS4-2023-8
Latitude:
Longitude:
Dry Weather Inspection?
Date of Previous Precipitation: 05/20/2023
Amount of Previous Precipitation: 1 in
Were Photographs Taken?
Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP	☒ Circular ☐ Single	Diameter: NaN in	in Water / Sediment
	☐ PVC ☐ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☒ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*
Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-9

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED	
☐ Closed Pipe	☒ RCP	☐ CMP	☐ Circular	☐ Single	Diameter: NaN in	in Water	Sediment
	☐ PVC	☐ HDPE	☐ Elliptical	☐ Double		☒ No	☒
	☐ Steel	☐ Other	☐ Box	☐ Triple		☐ Partially	☐
			☐ Other	☐ Other		☐ Fully	☐
☒ Open Channel	☐ Concrete		☐ Trapezoid		Depth:		
	☐ Earthen		☐ Parabolic		Top Width:		
	☐ Rip-Rap		☐ Other		Bottom Width:		
	☐ Other						

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-10

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 15 in	in Water / Sediment
	☐ PVC ☐ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-11

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: NaN in	in Water Sediment
	☐ PVC ☐ HDPE	☒ Elliptical ☐ Double		☒ No ☒
	☒ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☒ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No

If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No

If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

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Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township
NPDES Permit No.: PA G-130147
Date of Inspection: 5/31/2023
Outfall ID No.: O-MS4-2023-12
Land Uses in Outfall Drainage Area (Select All):
Latitude:
Longitude:

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Dry Weather Inspection?
Date of Previous Precipitation: 05/20/2023
Amount of Previous Precipitation: 1 in
Were Photographs Taken?
Are Photographs Attached?

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP	☒ Circular ☐ Single	Diameter: NaN in	in Water / Sediment
	☐ PVC ☐ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*
Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-13

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED	
☐ Closed Pipe	☒ RCP	☐ CMP	☐ Circular	☐ Single	Diameter:	in Water	Sediment
	☐ PVC	☐ HDPE	☐ Elliptical	☐ Double		☐ No	☐
	☐ Steel	☐ Other	☐ Box	☐ Triple		☒ Partially	☒
			☐ Other	☐ Other		☐ Fully	☐
☒ Open Channel	☐ Concrete		☐ Trapezoid		Depth:		
	☐ Earthen		☐ Parabolic		Top Width:		
	☐ Rip-Rap		☐ Other		Bottom Width:		
	☐ Other						

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-14

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☒ Circular ☐ Single	Diameter: NaN in	in Water / Sediment
	☐ PVC ☒ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-15

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED	
☐ Closed Pipe	☐ RCP	☐ CMP	☐ Circular	☐ Single	Diameter: NaN in	in Water	Sediment
	☐ PVC	☐ HDPE	☒ Elliptical	☐ Double		☒ No	☒
	☒ Steel	☐ Other	☐ Box	☐ Triple		☐ Partially	☐
			☐ Other	☐ Other		☐ Fully	☐
☒ Open Channel	☐ Concrete		☐ Trapezoid		Depth:		
	☐ Earthen		☐ Parabolic		Top Width:		
	☐ Rip-Rap		☐ Other		Bottom Width:		
	☐ Other						

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-16

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☒ Circular ☐ Single	Diameter: 15 in	in Water / Sediment
	☐ PVC ☒ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☒ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 5/31/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-17

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☒ Circular ☐ Single	Diameter: 48 in	in Water / Sediment
	☐ PVC ☒ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/1/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-18

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED	
☐ Closed Pipe	☒ RCP	☐ CMP	☐ Circular	☐ Single	Diameter: NaN in	in Water	Sediment
	☐ PVC	☐ HDPE	☐ Elliptical	☐ Double		☒ No	☐
	☐ Steel	☐ Other	☐ Box	☐ Triple		☐ Partially	☒
			☐ Other	☐ Other		☐ Fully	☐
☒ Open Channel	☐ Concrete		☐ Trapezoid		Depth:		
	☐ Earthen		☐ Parabolic		Top Width:		
	☐ Rip-Rap		☐ Other		Bottom Width:		
	☐ Other						

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Structure ID: 5299B
Quadrant: 4

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township
NPDES Permit No.: PA G-130147
Date of Inspection: 6/1/2023
Outfall ID No.: O-MS4-2023-19
Land Uses in Outfall Drainage Area (Select All):
Latitude:
Longitude:

- ☐ Industrial
- ☒ Suburban Residential
- ☐ Commercial
- ☐ Other
- ☐ Open Space

Dry Weather Inspection?
Date of Previous Precipitation: 05/20/2023
Amount of Previous Precipitation: 1 in
Were Photographs Taken?
Are Photographs Attached?

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 24 in	in Water / Sediment
	☐ PVC ☐ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Structure ID: 290
Quadrant: 4

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township
NPDES Permit No.: PA G-130147
Date of Inspection: 6/1/2023
Outfall ID No.: O-MS4-2023-20
Land Uses in Outfall Drainage Area (Select All):
Latitude:
Longitude:

- ☐ Industrial
- ☒ Suburban Residential
- ☐ Commercial
- ☐ Other
- ☐ Open Space

Dry Weather Inspection?
Date of Previous Precipitation: 05/20/2023
Amount of Previous Precipitation: 1 in
Were Photographs Taken?
Are Photographs Attached?

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 24 in	in Water / Sediment
	☐ PVC ☐ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/1/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-21

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 18 in	in Water / Sediment
	☐ PVC ☒ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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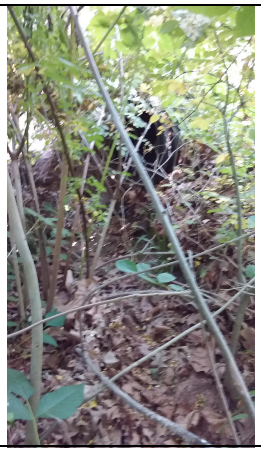

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Structure ID: 5900
Quadrant: 4

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township
NPDES Permit No.: PA G-130147
Date of Inspection: 6/1/2023
Outfall ID No.: O-MS4-2023-22
Land Uses in Outfall Drainage Area (Select All):
Latitude:
Longitude:

- ☐ Industrial
- ☒ Suburban Residential
- ☐ Commercial
- ☐ Other
- ☐ Open Space

Dry Weather Inspection?
Date of Previous Precipitation: 05/20/2023
Amount of Previous Precipitation: 1 in
Were Photographs Taken?
Are Photographs Attached?

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 30 in	in Water / Sediment
	☐ PVC ☐ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township
Date of Inspection: 6/1/2023
Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147
Outfall ID No.: O-MS4-2023-23
Latitude:
Longitude:
Dry Weather Inspection?
Date of Previous Precipitation: 05/20/2023
Amount of Previous Precipitation: 1 in
Were Photographs Taken?
Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED	
☐ Closed Pipe	☒ RCP	☐ CMP	☐ Circular	☐ Single	Diameter: NaN in	in Water	Sediment
	☐ PVC	☐ HDPE	☐ Elliptical	☐ Double		☒ No	☐
	☐ Steel	☐ Other	☐ Box	☐ Triple		☐ Partially	☒
			☐ Other	☐ Other		☐ Fully	☐
☒ Open Channel	☐ Concrete		☐ Trapezoid		Depth:		
	☐ Earthen		☐ Parabolic		Top Width:		
	☐ Rip-Rap		☐ Other		Bottom Width:		
	☐ Other						

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*
Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/1/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-24

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 36 in	in Water / Sediment
	☐ PVC ☐ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/1/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-25

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED	
☐ Closed Pipe	☒ RCP	☐ CMP	☐ Circular	☐ Single	Diameter: 42 in	in Water	Sediment
	☐ PVC	☐ HDPE	☐ Elliptical	☐ Double		☒ No	☐
	☐ Steel	☐ Other	☐ Box	☐ Triple		☐ Partially	☒
			☐ Other	☐ Other		☐ Fully	☐
☐ Open Channel	☐ Concrete		☐ Trapezoid		Depth:		
	☐ Earthen		☐ Parabolic		Top Width:		
	☐ Rip-Rap		☐ Other		Bottom Width:		
	☐ Other						

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

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Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/1/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-26

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED	
☐ Closed Pipe	☒ RCP	☐ CMP	☐ Circular	☐ Single	Diameter: 36 in	in Water	Sediment
	☐ PVC	☐ HDPE	☐ Elliptical	☐ Double		☒ No	☐
	☐ Steel	☐ Other	☐ Box	☐ Triple		☐ Partially	☒
			☐ Other	☐ Other		☐ Fully	☐
☐ Open Channel	☐ Concrete		☐ Trapezoid		Depth:		
	☐ Earthen		☐ Parabolic		Top Width:		
	☐ Rip-Rap		☐ Other		Bottom Width:		
	☐ Other						

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township
NPDES Permit No.: PA G-130147
Date of Inspection: 6/5/2023
Outfall ID No.: O-MS4-2023-27
Land Uses in Outfall Drainage Area (Select All):
Latitude:
Longitude:

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Dry Weather Inspection?
Date of Previous Precipitation: 05/20/2023
Amount of Previous Precipitation: 1 in
Were Photographs Taken?
Are Photographs Attached?

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: NaN in	in Water / Sediment
	☐ PVC ☐ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☒ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*
Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

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Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/5/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☒ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-28

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 36 in	in Water / Sediment
	☐ PVC ☐ HDPE	☒ Elliptical ☐ Double		☒ No ☒
	☒ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/5/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-29

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: NaN in	in Water Sediment
	☐ PVC ☐ HDPE	☒ Elliptical ☐ Double		☐ No ☐
	☒ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/5/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☒ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-30

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 24 in	in Water Sediment
	☐ PVC ☒ HDPE	☐ Elliptical ☐ Double		☐ No ☐
	☐ Steel ☐ Other	☐ Box ☐ Triple		☒ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/5/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-31

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☒ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 24 in	in Water / Sediment ☒ No ☒ ☐ Partially ☐ ☐ Fully ☐
☒ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: Top Width: Bottom Width:	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No

If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No

If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/5/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☒ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-32

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 15 in	in Water / Sediment
	☐ PVC ☐ HDPE	☒ Elliptical ☐ Double		☒ No ☐
	☒ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☒
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

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Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/5/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-33

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 24 in	in Water Sediment
	☐ PVC ☐ HDPE	☐ Elliptical ☐ Double		☐ No ☐
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☒ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☒ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/5/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-34

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 30 in	in Water / Sediment
	☐ PVC ☐ HDPE	☒ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Structure ID: 5201B
Quadrant: 4

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township
NPDES Permit No.: PA G-130147
Date of Inspection: 6/5/2023
Outfall ID No.: O-MS4-2023-35
Land Uses in Outfall Drainage Area (Select All):
Latitude:
Longitude:

- ☐ Industrial
- ☒ Suburban Residential
- ☐ Commercial
- ☐ Other
- ☐ Open Space

Dry Weather Inspection?
Date of Previous Precipitation: 05/20/2023
Amount of Previous Precipitation: 1 in
Were Photographs Taken?
Are Photographs Attached?

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☒ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 18 in	in Water / Sediment
	☐ PVC ☐ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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BUREAU OF CLEAN WATER

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MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/8/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-36

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: NaN in	in Water / Sediment
	☐ PVC ☒ HDPE	☐ Elliptical ☐ Double		☒ No ☒
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☐
		☒ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

Structure ID: 5838
Quadrant: 4

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township
NPDES Permit No.: PA G-130147
Date of Inspection: 6/8/2023
Outfall ID No.: O-MS4-2023-37
Land Uses in Outfall Drainage Area (Select All):
Latitude:
Longitude:

- ☐ Industrial
- ☒ Suburban Residential
- ☐ Commercial
- ☐ Other
- ☐ Open Space

Dry Weather Inspection?
Date of Previous Precipitation: 05/20/2023
Amount of Previous Precipitation: 1 in
Were Photographs Taken?
Are Photographs Attached?

Inspector Name(s): Anthony Frydlewicz

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter: 12 in	in Water / Sediment ☒ No / ☒ ☐ Partially / ☐ ☐ Fully / ☐
☒ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: Top Width: Bottom Width:	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/8/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-38

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP	☐ Circular ☐ Single	Diameter: 36 in	in Water / Sediment
	☐ PVC ☒ HDPE	☐ Elliptical ☐ Double		☒ No ☐
	☐ Steel ☐ Other	☐ Box ☐ Triple		☐ Partially ☒
		☐ Other ☐ Other		☐ Fully ☐
☒ Open Channel	☐ Concrete	☐ Trapezoid	Depth:	
	☐ Earthen	☐ Parabolic	Top Width:	
	☐ Rip-Rap	☐ Other	Bottom Width:	
	☐ Other			

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/8/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-39

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED	
☐ Closed Pipe	☐ RCP	☐ CMP	☐ Circular	☐ Single	Diameter: NaN in	in Water	Sediment
	☐ PVC	☒ HDPE	☒ Elliptical	☐ Double		☒ No	☒
	☐ Steel	☐ Other	☐ Box	☐ Triple		☐ Partially	☐
			☐ Other	☐ Other		☐ Fully	☐
☒ Open Channel	☐ Concrete		☐ Trapezoid		Depth:		
	☐ Earthen		☐ Parabolic		Top Width:		
	☐ Rip-Rap		☐ Other		Bottom Width:		
	☐ Other						

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

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DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/8/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-40

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED	
☐ Closed Pipe	☐ RCP	☐ CMP	☐ Circular	☐ Single	Diameter: NaN in	in Water	Sediment
	☐ PVC	☐ HDPE	☒ Elliptical	☐ Double		☐ No	☒
	☒ Steel	☐ Other	☐ Box	☐ Triple		☒ Partially	☐
			☐ Other	☐ Other		☐ Fully	☐
☒ Open Channel	☐ Concrete		☐ Trapezoid		Depth:		
	☐ Earthen		☐ Parabolic		Top Width:		
	☐ Rip-Rap		☐ Other		Bottom Width:		
	☐ Other						

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowledge of violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

1686237826210633680519987328265 2.jpg

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/8/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-41

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL	SHAPE	DIMENSIONS	SUBMERGED
☒ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other	☐ Circular ☐ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other ☐ Other	Diameter:	in Water: ☒ No ☐ Partially ☐ Fully Sediment: ☒ ☐ ☐
☒ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: Top Width: Bottom Width:	

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
pH		S.U.	COD		mg/L
Total Residual Chlorine (TRC)		mg/L	BOD5		mg/L
Conductivity		µmhos/cm	TSS		mg/L
Ammonia-Nitrogen		mg/L	TDS		mg/L
Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

ILLICIT DISCHARGES

Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

If Yes, describe efforts made to determine the source(s) of the illicit discharge.

Describe corrective actions taken by the permittee in response to the finding of an illicit discharge.

Inspector Comments:

GENERAL COMMENTS

RESPONSIBLE OFFICIAL CERTIFICATION

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Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name: Franconia Township

Date of Inspection: 6/8/2023

Land Uses in Outfall Drainage Area (Select All):

- ☐ Industrial
- ☐ Commercial
- ☐ Open Space
- ☒ Suburban Residential
- ☐ Other

Inspector Name(s): Anthony Frydlewicz

NPDES Permit No.: PA G-130147

Outfall ID No.: O-MS4-2023-42

Latitude:

Longitude:

Dry Weather Inspection?

Date of Previous Precipitation: 05/20/2023

Amount of Previous Precipitation: 1 in

Were Photographs Taken?

Are Photographs Attached?

OUTFALL DESCRIPTION

TYPE	MATERIAL		SHAPE		DIMENSIONS	SUBMERGED	
☐ Closed Pipe	☐ RCP	☐ CMP	☐ Circular	☐ Single	Diameter: NaN in	in Water	Sediment
	☐ PVC	☐ HDPE	☐ Elliptical	☐ Double		☒ No	☒
	☐ Steel	☐ Other	☐ Box	☒ Triple		☐ Partially	☐
			☐ Other	☐ Other		☐ Fully	☐
☒ Open Channel	☐ Concrete		☐ Trapezoid		Depth:		
	☐ Earthen		☐ Parabolic		Top Width:		
	☐ Rip-Rap		☐ Other		Bottom Width:		
	☐ Other						

Dry Weather Flow Present at Outfall During Inspection? ☐ Yes ☒ No *(If No, skip to Certification Section)*

Description of Flow Rate: ☐ Trickle ☐ Moderate ☐ Significant ☐ N/A

DRY WEATHER FLOW EVALUATION

Does the dry weather flow contain color? ☐ Yes ☒ No If Yes, provide a description below.

Does the dry weather flow contain an odor? ☐ Yes ☒ No If Yes, provide a description below.

Is there an observed change in the receiving waters as a result of the discharge? ☐ Yes ☒ No
If Yes, provide a description below.

Does the dry weather flow contain floating solids, scum, sheen or substances that result in deposits? ☐ Yes ☒ No
If Yes, provide a description below.

Were sample(s) collected of the dry weather flow? ☐ Yes ☒ No If Yes, no. Samples

FIELD/LABORATORY ANALYSIS

PARAMETER	RESULTS	UNITS	PARAMETER	RESULTS	UNITS
Flow Rate		GPM	Fecal Coliform		No./100 mL
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Other: Temperature		oF	Oil and Grease		mg/L
Other: Detergents		ppm	Other:		

Indicate the parameters above that were analyzed by a DEP-certified laboratory:

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Is the dry weather flow an illicit discharge? ☐ Yes ☒ No

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Inspector Comments:

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Anthony Frydlewicz
Responsible Official Name


Signature

215-723-1153
Telephone No.

8/9/2023
Date

PHOTOS

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G&A Job #	BMP No.	BMP Name	Property Description	DA(ac)	Entity Responsible for O&M	Address	Latitude	Longitude	Date Installed	Date Inspected	O&M Requirements	NPDES Permit No.	Drain to Twp MS4?	Receiving Waters
N/A		Rain Garden	Franconia Community Park	7.13	Township	671 Allentown Road			2014			N/A	Yes	Indirect, Indian Creek
N/A		Riparian Buffer Restoration	Franconia Open Space	14.06	Township	Indian Creek Road			2009			N/A	Yes	Indian Creek
N/A		Existing Detention Basin w/ Low Flow Channels	Lederach Station, L.P.	?	Private	230 Harvard Ct			?			?	No	Indian Creek
N/A		Pond, Aboveground Detention Basins (3)	Banbury Crossing	Various	Township	Creek Road, Middle Park Rd			<2003, c1995			?	Yes	Skippack Creek
N/A		Open Swale	Indian Valley Country Club	7.69	Private	650 Bergey Road			2018			?	No	Indian Creek
N/A		Pond	Rittenhouse Farm Dredging	?	Private	731 I Allentown Road Indian Creek and Godshall Road			2019			?	No	Indian Creek
N/A		Amended Soils	Amended Soils /NPWA Tank	N/A	NPWA	210 Hillstone Circle			2014			?	No	Direct, Skippack Creek
1510005		Detention Basin with Forebay	Vistas at Highland Ridge	18	Private HOA	680 Hunsicker Road			2014			PAG 02004503163 R-1	No	Indirect, Indian Creek
1510005	1	Bioretention - Rain Garden (C/D soils with underdrain)	Vistas at Highland Ridge	0.7	Stephen & Danielle Rostick	647 Gerhart Ln., Telford	40.312595	-75.377444	2014			PAG 02004503163 R-1	Yes	Indirect, Indian Creek
1510005	2	Bioretention - Rain Garden (C/D soils with underdrain)	Vistas at Highland Ridge	0.21	Jose & Julie Bourgeois Colon	620 Crestwood Dr., Telford	40.31282	-75.377782	2014			PAG 02004503163 R-1	Yes	Indirect, Indian Creek
1510005	3	Bioretention - Rain Garden (C/D soils with underdrain)	Vistas at Highland Ridge	0.72	Michael & Margaret Sweeney	626 Crestwood Dr., Telford	40.311904	-75.378782	2014			PAG 02004503163 R-1	Yes	Indirect, Indian Creek
1510005	4	Bioretention - Rain Garden (C/D soils with underdrain)	Vistas at Highland Ridge	0.48	Michael & Courtney Gardyasz	628 Crestwood Dr, Telford	40.311671	-75.379021	2014			PAG 02004503163 R-1	Yes	Indirect, Indian Creek
1510005	5	Bioretention - Rain Garden (C/D soils with underdrain)	Vistas at Highland Ridge	0.82	Bryan & Heather Damiano	630 Crestwood Dr, Telford	40.31137	-75.379338	2014			PAG 02004503163 R-1	Yes	Indirect, Indian Creek
1510088		Detention Basin	Franconia Meadows	3.82	Private	758 Goldenrod Drive			2015			PAG 02004613051	No	Direct, Skippack Creek
1609049		Detention/Infiltration Basin with Level Spreader	Hopewell Christian Fellowship Church	8	Private	601 Hunsicker Road			2002			?	No	Indirect, Indian Creek
1511006		BMP's (A) through (K)	Leidy's Church Expansion	4.6 (A); 3.15 (B) 2.8 (C)	Private	276 West Cherry Lane			2015			PAG0200469030R	No	Direct, Skippack Creek
1610010		Detention Basin	Godshall Quality Meats New Facility	3.7	Private	6107 Schoolhouse Rd			2015			PAG02004613096	No	Direct, Skippack Creek
1509064		Rain Garden	840 Harleysville Pike	1.44	Private	840 Harleysville Road			2015			PAG02004614061	No	Indian Creek
1510009		Stone Infiltration Bed	Shoemaker Welding	0.77	Private	302 Leidy Road			2016			N/A	No	Indirect, Skippack Creek
1509073		Rain Garden	Paragon	0.56	Private	300 Harleysville Pk			2016			N/A	No	Indirect, Indian Creek, via Storm Sewer
1509065		Infiltration Basin 1, Wetland Bottom Basin 5	Lincoln Woods - Phase 1	11.78 (1) 15.29 (5)	Private, HOA	250, 282 Sumner Ct.			2016			PAG02004615052(1)	No	Direct, Skippack Creek
1509065		Infiltration Basin 1; Infiltration Basin 3; Infiltratin Facility 2; Wetland Bottom Basin 2, 4, 5; Wetland Bottom Forebay	Lincoln Woods - Phase 2	11.17 (WBB2); 3.79 (IF2); 8.08 (WBF); 7.66 (IF3); 5.54 (WBB4)	Lincoln Woods of Franconia LP	Sumner Ct.			2016			PAG02004615052(1)	No	Indirect, West Branch Skippack Creek (IB1, WBB5); Indirect Skippack Creek (WBB4, IF2, IB3, WBF, WBB2)
1509065	6	Infiltration Facilities	Lincoln Woods - Phase 2	4.18	Lincoln Woods of Franconia LP	Sumner Ct.	40.287325	-75.365834	2016			PAG02004615052(1)	Yes	Indirect Skippack Creek
1509065	7	Bioretention - Rain Garden (C/D soils with underdrain)	Lincoln Woods - Phase 2	1.11	Lincoln Woods of Franconia LP	Sumner Ct.	40.281529	-75.364058	2016			PAG02004615052(1)	Yes	Indirect Skippack Creek
1509065	8	Bioretention - Rain Garden (C/D soils with underdrain)	Lincoln Woods - Phase 2	1.92	Lincoln Woods Planned Community	Garland Ct.	40.281761	-75.366947	2016			PAG02004615052(1)	Yes	Indirect West Branch Skippack Creek
1509065	9	Bioretention - Rain Garden (C/D soils with underdrain)	Lincoln Woods - Phase 2	2.5	Lincoln Woods of Franconia LP	Sumner Ct.	40.282842	-75.366496	2016			PAG02004615052(1)	Yes	Indirect West Branch Skippack Creek
1509065	10	Bioretention - Rain Garden (C/D soils with underdrain)	Lincoln Woods - Phase 2	1.2	Lincoln Woods of Franconia LP	Sumner Ct.	40.285023	-75.365245	2016			PAG02004615052(1)	Yes	Indirect Skippack Creek

Last Revised 2023-09-30

July 2022-June 2023 Reporting Period

PCSM BMP INVENTORY

G&A Job #	BMP No.	BMP Name	Property Description	DA(ac)	Entity Responsible for O&M	Address	Latitude	Longitude	Date Installed	Date Inspected	O&M Requirements	NPDES Permit No.	Drain to Twp MS4?	Receiving Waters
1509098		Detention Basin	NCC Automated Systems	7.5	Private	255 Schoolhouse Rd			2016			?	No	Direct, Skippack Creek
		Detention Basin, Seepage Trench	Godshall Quality Meats Dry Goods Warehouse	1.48 (Pit)	Private	675 Mill Road			2016			?	No	Direct, Indian Creek
1510016		Rain Garden (7)	Pennsylvania Turnpike Commission	20.06	Private	PTC ROW			2016-2017			?	Partially	Various
1601089		Various	PennDOT	Various	Private	309 Connector			TBD			?	Partially	Skippack Creek
1510050		Detention Basin and Rain Garden	RV and Boat Storage	8	Private	630 Hagey Rd			2017			Yes	No	Skippack Creek
1612054		Dry Detention Basins	Peter Becker Community	36	Becker Peter Community	800 Maple Ave	40.289502	-75.373122	2004			?	Yes	West Branch Skippack
161205401		Aboveground Basin, Rain Garden	PBC-140 Crescent Lane	0.86	Private	140 Crescent Lane			2021			N/A	No	Skippack Creek
1612054	11	Dry Detention Basin	Peter Becker Community	7	Becker Peter Community	800 Maple Ave	40.287805	-75.366851	2021			PAC460138	Yes	West Branch Skippack
1612054	12	Dry Detention Basin	Peter Becker Community	0.35	Becker Peter Community	800 Maple Ave	40.288106	-75.366481	2021			PAC460138	Yes	West Branch Skippack
1511061		Infiltration Basin, Rain Garden (2), Detention Basin, Slow Release Basin	Hillstone	25	Private, HOA	276, 230, 256 Hillstone Cir			2020			PAD460026	No	Skippack Creek
1707075		Aboveground Basin	Belton Manor	TBD	Private	320 Cowpath Road			TBD			PAC460225	No	Skippack Creek
1602046		Aboveground Basin	SWS	TBD	Private	2937 Hagey Road			TBD			PAG02004616053	No	Skippack Creek
1904083		Detention Basin	JT Landis	4	Private	905 Hagey Dr			2010			?	No	Skippack Creek
1810064		Aboveground MRC (2)	Bayard Esates	12	Old Forge Acquisitions LP	224 Indian Creek Rd	40.32194	-75.347728	2021			PAC460412	No	Indian Creek
1805003		Rain Garden	Breon	0.43	Private	823 Rising Sun Road			2018			N/A	No	Indian Creek
1808095		Basin, Two BMPs	B&H Investments	5	Private	220 Allentown Rd			2019			PAC460301	No	East Branch Perkiomen Creek
1801159		Slow Release Facility	Accupac	13.2	Private	209 Schoolhouse Road			2019			PAC460283	No	Skippack Creek
1802004		Subsurface Facility	Souderton Mennonite Homes	TBD	Private	242 Reliance Rd			2019			N/A	Yes	Skippack Creek
2001194		Detention Basin, MRC (2)	Souderton Mennonite Homes	18.45 (Watershed A)	Private	207 W. Summit St.			TBD			?	Yes	Skippack Creek
1908022		Subsurface Infiltration and Detention Facilities	MEH Investments/ CHOP Primary Care	2	Private	4 S. County Line Road			2021			PAC460484	No	Neshaiminy Creek
1812009		Rain Garden	Quentin Dancer	1	Private	643 Lower Road			2019			No	No	Skippack Creek
1612053		MRC Infiltration Bioretention Basin	Allebach Subdivision	5.3	Private, HOA	Cowpath & Forrest Drive			TBD			PA460489	Yes	East Branch Perkiomen Creek
1803016		Underground Facility	Everview Subdivision, Halteman Rd		Private	658.5 Halteman Rd			2009			No	No	Indirect, Skippack Creek
1710080		Subsurface Stone Bed	444 Creamery Rd	0.61	Private	444 Creamery Rd			2019			N/A	Yes	Indian Creek
1707053		Rain Garden	436 Smokepipe Rd	0.5	Private	436 Smokepipe Rd			2018			N/A	Yes	Skippack Creek
N/A		Detention Basin	Belmont Estates	26.5	Private	619 Fairway Drive			2005			Yes	No	Indian Creek
1610017		Infiltration Berm	Yothers	0.91	Private	451 Homestead Ave			2017			N/A	No	Skippack Creek
1510088		Detention Basin	Goldenrod Dr	3.82	Private	Goldenrod Drive			c2006			Yes	No	Skippack Creek
N/A	13	Detention Basin	Knights Crest	5?	Marc & Sharon Gresko	31 Knights Crest Ct	40.278375	-75.333393	2005			Yes	Yes	Skippack Creek
N/A	14	Dry Detention Basin	Westport Farms	20.87	Westport Farm I Community Association	550 Clearview Dr	40.281765	-75.32763	2007			Yes	Yes	Skippack Creek
N/A	15	Dry Detention Basin	Westport Farms	5.64	Westport Farm I Community Association	PO Box 64202 Souderton Pa	40.284838	-75.326128	2007			Yes	Yes	Skippack Creek
N/A	16	Dry Detention Basin	Westport Farms	18.68	Westport Farm I Community Association	PO Box 64202 Souderton Pa	40.288769	-75.322071	2007			Yes	Yes	Skippack Creek
N/A		Basin	Sprea Realty LLC	?	Private	674 Souder Rd			2010			?	Yes	Skippack Creek
N/A		Aboveground Basin and Rain Garden	?	?	Private	Church Rd			2010			?	No	Indian Creek

Last Revised 2023-09-30

July 2022-June 2023 Reporting Period

PCSM BMP INVENTORY

G&A Job #	BMP No.	BMP Name	Property Description	DA(ac)	Entity Responsible for O&M	Address	Latitude	Longitude	Date Installed	Date Inspected	O&M Requirements	NPDES Permit No.	Drain to Twp MS4?	Receiving Waters
1603021		Rain Garden with Amended Soils	Martin Subdivision	1.3	Private	37 Church Rd			2010			N/A	?	Indian Creek
160310601		Aboveground Facility	Wiedner		Private	138 Church Road			2016					
N/A		Detention Basin	Indian Creek Church	13.93	Private	171 Church Road			2016					
N/A		Detention Basin	Club View at Indian Valley	2	Private	597 Godshall Road			2010			?	No	Indian Creek
N/A		Basin	Carrington Way		Private	352? Winslow Dr			2007					Skippack Creek
N/A		Underground Facility	Transportation Services		Private	210 Schoolhouse Road						?		
1906056		Subsurface Infiltration Facility	Bergeys Inc. Parking Lot Expansion	0.85	Private	490 Godshall Road			2020			N/A		Indirect, Skippack Creek
1510007		MRC Biorentention (3)	GMC Buick Corporate Campus	21.33	Private	S.R. 113			2022			Under Review		Indirect, Indian Creek
1903089		Underground Stormwater Bed?	Clarke's Landscaping	0.71	Private	300 E. Township Line Road			TBD			N/A		Skippack Creek
1807022		Rain Gardens (2)	The Pizza Box	0.23	Private	398 Morwood Rd			2020			N/A		Indian Creek
		Aboveground Basin	Dewar Drive (Allebach)	?	Private	525 Dewar Drive			2004			?		East Branch Perkiomen
1812009		Aboveground Facility	643 Lower Road		Private	643 Lower Road			2019			N/A	No	Skippack Creek
2007052		Aboveground Basin	JBS	4.52	Private	249 Allentown Rd						PAC460584	No	Skippack Creek
2009109		Underground Infiltration Facility	Carl Morgan	0.46	Carl Morgan	Nice Road LD			TBD			TBD	No	Skippack Creek
2009085		Wet Bottom Basin	Reformed Baptist Church	5.5	Reformed Baptist Church	644 Allentown Road, Telford, PA 18969			TBD			Yes	No	Indian Creek
2010021		TBD	Hayes Autobody		Private	115 Schoolhouse Road			TBD			-	No	Skippack Creek
2010093		Dry Detention Basin	Franconia Mennonite Church	15	Franconia Mennonite Church	613 Harleysville Pike, Telford, PA	40.306544	-75.367078	c2000			N/A	Yes	Indirect, Indian Creek
2011007		Detention Basin (LST)	Amplifier Research		Private	160 Schoolhouse Rd (Basin in LST)			c1999			-	No	Indirect, Skippack Creek
2103050		Rain Garden	David and Linda Rieger	0.9	David & Linda Rieger	516 Darrah's Way			2022			N/A	No	East Branch Perkiomen Creek
-		Detention Basin	Coach Estates	8.6	Private	508 Darrahs Way			c1995			?	No	East Branch Perkiomen Creek
2103010		Rain Garden	Garcia (Rotelle)	0.5	Private	586 Halteman Road			2021			N/A	No	Indirect, Skippack Creek
2102093		Rain Garden	Alderfer Glass	0.26	Aldefer Glass Co	134 Telford Pk, Telford, PA			2022			N/A	Yes	Indirect, Indian Creek
2108015		Underground Facility	Trust Logistics, LLC		Private	670 Forman Road			TBD			TBD	TBD	Direct, Skippack Creek
1906054		Aboveground Facilities	Myers-Kraybill Tract	50	Pulte Homes of PA LP	445 Beck Road			2023			PAC460689	No	Skippack Creek
2009017		Bioretention Facility	Godshall Road	10.8	Township	Enos Godshall Park			2021			PAC460615	Yes	Direct, Skippack Creek
2103063		Sketch, TBD	AARPAP Dental Campus	TBD	Private	County Line Road			TBD			TBD	TBD	Neshaiminy Creek
2106049		Sketch, TBD	SASD Air Structure	TBD	Private	Lower Road			TBD			TBD	TBD	Skippack Creek
2106054		Lot 1 Aboveground Basin	Windy Heights	TBD	Private	Windy Heights Ln, Keller Creamery Rd			2023			Yes	No	Indian Creek
2110039		BMP 1 - UG MRC Bed	SFD	0.5	Scott & Kathleen Ziegler	861 Sunset Lane			TBD			No	No	East Branch Perkiomen Creek
2202042		MRC Basin	Souderton Public Works	5.7	Souderton Borough	160 E. Cherry Ln			TBD			Yes	No	Skippack Creek
2204013		Rain Garden	SFD	1.3	Daniel & Dori Larrivee	840 Rising Sun			TBD			No	No	East Branch Perkiomen Creek
2205074		Swale	SFD	X	David & Suzanne Redington	264 Telford Rd			TBD			No	TBD	Indian Creek
2205081		TBD	Storage Shed	TBD	Private - Synatek Solutions	220 Schoolhouse Rd			TBD			TBD	No	Skippack Creek
2207006		Infiltration Trench	SFD	0.04	Jeffrey & Holly Carroll	629 Crestwood Dr			2/27/2023			No	TBD	Indian Creek
2207018		Bioretention MRC	205 Schoolhouse Industrial	10.66	Franconia Technology Associates	205 Schoolhouse Rd			TBD			Yes	No	Skippack Creek
2207021		Infiltration Basin	Pole Barn	0.95	Franconia Township	Indian Creek Road			TBD			No	Yes	Indian Creek
2208050		Aboveground Basin	SFD	2	Jeffrey M. & Heather Moore	869 Sunset Lane			Aug-23			Yes	TBD	East Branch Perkiomen
2208023		TBD	Landis	TBD	TBD	Hagey Road			TBD			TBD	TBD	
2209032		Streambank Stabilization	SFD	0.04	Private - Carolyn Martin	358 W. Reliance Rd			TBD			8254547	Yes	Skippack Creek
2209051		Infiltration Basin	SFD	0.75	Kevin & Lauren Ketterer	673 Clemens Road			TBD			No	Yes	Indian Creek

Publics Works Department
Good Housekeeping/Pollution Prevention Tracking Sheet

2021-2022 Pollution Prevention /Good Housekeeping for Municipal Operations

Identify and document all facilities and activities that are owned or operated by the permittee (Township) and have the potential for generating stormwater runoff to the Township's storm sewer system
MCM #6 requires MS4s to prepare an inventory of municipal facilities and activities, and to develop a stormwater "Operations & Maintenance Plan" for each facility/activity on the inventory. There is no particular required format for the inventory or the O&M Plan, and the specific content of both will vary depending on the particular facilities/activities in the municipality. The details should reflect the stormwater pollution hazards associated with the particular facilities/activities on the inventory.

BMP #1: Inventory of Facilities/Activities

Facility/Activity:	Storm Sewer System Impact	Discharge to	O&M Responsibilities	Attachment #
Public Works Facility, Indian Creek Road	Storm Sewer; Tributary	Indian Creek	Oil Management; Storm Sewer; Fueling; Vehicle Wash Water; Storage of Materials	1
Streets	Roadside swales, inlets, storm sewer	East Branch Perkiomen, Indian Creek, Skippack Creek	Street Sweeping; Ditching; Storm Sewer; Winter Road Treatment	2
Storm Sewer	Misc	East Branch Perkiomen, Indian Creek, Skippack Creek	Cleaning	3
Stormwater Facilities	Misc		Maintenance & Inspections	4
Franconia Community Park	Rain Garden, Tributaries, Swales, Inlets, Storm Sewer	Indian Creek	Maintain Stormwater Facilities and storm sewer, Inspect for erosion and sediment; Spraying/Pesticides; Stabilize disturbed areas; Pet Waste Bags	
Banbury Open Space		Skippack Creek	Maintain Stormwater Facilities and storm sewer, Inspect for erosion and sediment	

Publics Works Department
Good Housekeeping/Pollution Prevention Tracking Sheet

Enos Godshall Park		Skippack Creek	Maintain Stormwater Facilities and storm sewer, Inspect for erosion and sediment; Spraying/Pesticides; Stabilize disturbed areas; Pet Waste Bags	
Mill Road & Indian Creek Open Space		Indian Creek	Maintain Stormwater Facilities and storm sewer, Inspect for erosion and sediment; Spraying/Pesticides; Stabilize disturbed areas; Pet Waste Bags	
Laurel Lane Open Space		Skippack Creek	Maintain Stormwater Facilities and storm sewer, Inspect for erosion and sediment; Spraying/Pesticides; Stabilize disturbed areas; Pet Waste Bags	
Anders Farm		Indian Creek	Maintain Stormwater Facilities and storm sewer, Inspect for erosion and sediment; Spraying/Pesticides; Stabilize disturbed areas; Pet Waste Bags	
Forrest Road Park		Indian Creek	Maintain Stormwater Facilities and storm sewer, Inspect for erosion and sediment; Spraying/Pesticides; Stabilize disturbed areas; Pet Waste Bags	
Preserved Farmland				

Publics Works Department
Good Housekeeping/Pollution Prevention Tracking Sheet

Parking Lots				
Buildings				
Train New Employees				
On-Going Employee Training				
Other:_____				

Franconia Township
Guidelines for Maintenance and Inspection of Stormwater BMPs

It is important that routine maintenance and non-routine repair of stormwater BMPs be done according to a schedule or as soon as a problem is discovered. Because many BMPs are rendered ineffective for runoff control if not installed and maintained properly, it is essential that maintenance schedules are maintained and repairs made promptly. All catch basins and inlets of all structural BMP's should be inspected and cleaned at least two times per year. Emergency cleanings and inspections may also have to be completed following large storm events. The following maintenance and inspection procedures should be followed for each type of stormwater management facility:

Extended Dry Detention Basins & Dry Detention Basins

A detention basin is an impoundment with an outlet control structure that stores excess runoff during rain events and reduces peak flows by letting flow out slowly over time (usually 12-24 hours).

Inspection/Maintenance Issues:

- The vegetation along the surface of the basin should be maintained in good condition, and any bare spots revegetated as soon as possible.
- Outlet structure and outlet pipe should be kept free of debris.
- Inspect the basin inflow pipes and upstream inlets to ensure they are clear of debris.
- Inspect for accumulated sediment, damage to outlet control structures, erosion control measures, signs of water contamination/spills, and slope stability in the berms.
- Mow only as appropriate for vegetative cover species.
- Remove accumulated sediment from basin as required. Restore original cross section and infiltration. Properly dispose of sediment.
- If concrete low flow channel is present, inspect for structural defects and ensure that it is free of debris.

Infiltration Facilities

An infiltration basin is a shallow impoundment that stores and infiltrates runoff over a level, un-compacted (preferably undisturbed area), with relatively permeable soils.

Inspection/Maintenance Issues:

- The vegetation along the surface of the infiltration should be maintained in good condition, and any bare spots re-vegetated as soon as possible.
- Vehicles should not be parked or driven on an Infiltration Basin, and care should be taken to avoid excess compaction by mowers.
- Inspect the basin after runoff events and make sure the runoff drains down within 72 hours. Mosquito's should not be a problem if the water drains in 72 hours. Mosquitos require a considerably long breeding period with relatively static water levels.
- Also inspect for accumulated sediment, damage to outlet control structures, erosion control measures, signs of water contamination/spills, and slope stability in the berms.
- Mow only as appropriate for vegetative cover species.
- Remove accumulated sediment from basin as required. Restore original cross section and infiltration. Properly dispose of sediment

Subsurface Infiltration Facilities

Subsurface Infiltration Beds provide temporary storage and infiltration of stormwater runoff by placing storage media of various types beneath the proposed surface. Subsurface Infiltration generally requires less maintenance than other practices of its type. The vegetation associated with Subsurface Infiltration is less substantial than other BMPs. Maintenance activities required for the subsurface bed are similar to those of any infiltration system and focus on regular sediment and debris removal.

Inspection/Maintenance Issues:

- The overlying vegetation of Subsurface Infiltration features should be maintained in good condition, and any bare spots revegetated as soon as possible.
- Vehicular access on Subsurface Infiltration areas should be prohibited, and care should be taken to avoid excessive compaction by mowers. If access in needed, use of permeable, turf reinforcement should be considered.
- If inspection ports, cleanouts, or inlets are present; lid or cover should be removed to observe if standing water is present within the facility.

Infiltration Trench

An Infiltration Trench is a "leaky" pipe in a stone filled trench with a level bottom. An Infiltration Trench may be used as part of a larger storm sewer system, such as a relatively flat section of storm sewer, or it may serve as a portion of a stormwater system for a small area, such as a portion of a roof or a single catch basin.

Inspection/Maintenance Issues:

- The vegetation along the surface of the Infiltration Trench should be maintained in good condition, and any bare spots revegetated as soon as possible.
- Vehicles should not be parked or driven on a vegetated Infiltration Trench, and care should be taken to avoid excessive compaction by mowers.
- Maintenance will require periodic removal of sediment and leaves from yard drains and cleanouts.
- Inspect inlets upstream of infiltration trench. Remove accumulated sediment and/or debris from the inlets.

Bioretention – Rain Garden (C/D soils with underdrain)

A Rain Garden (also called Bioretention) is an excavated shallow surface depression planted with specifically selected native vegetation to treat and capture runoff. Properly designed and installed Rain Garden will require some regular maintenance.

Inspection/Maintenance Issues:

- While vegetation is being established, pruning and weeding may be required.
- Waste or debris of any kind may also need to be removed every year. Perennial plantings may be cut down at the end of the growing season.
- Mulch should be re-spread when erosion is evident and be replenished as needed. Once every 2 to 3 years the entire area may require mulch replacement.
- Bioretention areas should be inspected at least two times per year for sediment buildup, erosion, vegetative conditions, etc.
- During periods of extended drought, Bioretention areas may require watering.
- Trees and shrubs should be inspected twice per year to evaluate health.
- Invasive plant species (weeds) should be removed if observed.

Dry Well/Seepage Pit

A Dry Well, or Seepage Pit, is a variation on an infiltration system that is designed to temporarily store and infiltrate rooftop runoff. Maintenance will require periodic removal of sediment and leaves from sumps and cleanouts.

Inspection/Maintenance Issues:

- Dry Wells should be inspected two times per year, as well as periodically after large rain events.
- Dispose of sediment, debris/trash, and any other waste material removed from a Dry Well at suitable disposal/recycling sites in compliance with local state, and federal waste regulations.
- Evaluate the drain-down time of the Dry Well to ensure the maximum time of 72 hours is not being exceeded. If drain-down times are exceeding the maximum, drain the well via pumping and clean out the perforated piping, if included. If slow drainage persists, the system may need to be replaced.
- Regularly clean out gutters and ensure proper connections to facilitate the effectiveness of the dry well.
- Replace filter screen that intercepts roof runoff as necessary.
- If an intermediate sump box exists, clean it out at least once per year.

Vegetated Swale

A Vegetated Swale is a broad, shallow trapezoidal or parabolic channel, densely planted with a variety of trees, shrubs, and/or grasses. It is designed to reduce the runoff volume and in some cases to infiltrate runoff from adjacent impervious surfaces, allowing some pollutants to settle out in the process.

Inspection/Maintenance Issues (semi-annually and within 48 hours after major storm):

- Inspect and correct erosion problems, damage to vegetation, and sediment and debris accumulation.
- Inspect vegetation on side slopes for erosion of rills (small streams) or gullies, correct as needed.
- Inspect for pools of standing water; dewater and discharge to an approved location and restore to design grade.
- Mow and trim vegetation to ensure safety, aesthetics, proper swale operation, or to suppress weeds and invasive vegetation; dispose of cuttings in local composting facility; mow only when swale is dry to avoid rutting
- Inspect for litter; remove prior to mowing
- Inspect for uniformity in cross section and longitudinal slope, correct as needed.
- Inspect swale inlet (curb cuts, pipes, etc.) and outflow for signs of erosion or blockage, correct as needed.

Inspection/Maintenance Issues (to be done as needed):

- Plant alternative grass species in the event of unsuccessful establishment
- Reseed bare areas; install appropriate erosion control measures when native soil is exposed or erosion channels are forming
- Rototill and replant swale if draw down time is more than 48 hours.
- Inspect and correct check dams when signs of altered water flow (channelization, obstructions, erosion, etc.) are identified

Inspection/Maintenance Issues (after winter season):

- Inspect swale immediately after the spring melt, remove residuals (e.g. sand) and replace damaged vegetation without disturbing remaining vegetation.

- If roadside or parking lot runoff is directed to the swale, mulching and/or soil aeration/manipulation may be required in the spring to restore soil structure and moisture capacity and to reduce the impacts of de-icing agents.

Wet Ponds and Wetlands

Wet Ponds/Retention Basins are stormwater basins that include a substantial permanent pool of water for quality treatment and additional capacity above the permanent pool for temporary runoff storage.

Inspection/Maintenance Issues:

- During the first growing season or until established, vegetation should be inspected every 2 to 3 weeks.
- Wet Ponds should be inspected at least 2 times per year and after major storms or rapid ice breakup.
- Inspections should access the vegetation, erosion, flow channelization, bank stability, inlet/outlet conditions, embankment, and sediment/debris accumulation.
- The pond drain should also be inspected and tested at least 2 times per year.
- Wet Pond and buffer vegetation may need support (watering, weeding, mulching, replanting etc.) during the first 3 years.
- Once established, vegetation should maintain at least an 85 percent cover of the emergent vegetation zone and buffer area.
- Annual harvesting of vegetation may increase the nutrient removal of Wet Ponds; if performed it should generally be done in the summer so that there is adequate regrowth before winter.
- Sediment should be removed from the forebay before it occupies 50 percent of the forebay, typically every 5 to 10 years.

The scheduled inspections for structural BMPs should be done at least twice a year. Emergency inspections may need to be completed following large storm events. The BMP inspection form should be filled out upon completion of each inspection.

Maintenance guidelines outlined in this document are taken from PA DEP Stormwater Best Management Practices Manual (2006).

Prepared By: Gilmore & Associates, Inc.

Revised: April 2023

PLANT SCHEDULE

KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	NOTES
CANOPY TREES						
TD	3	TAXODIUM DISTICHUM	BALD CYPRESS	2 1/2" CAL	B&B	
SHRUBS						
CS	10	CORNUS SERICEA	REDTWIG DOGWOOD	24" MIN	CONT	

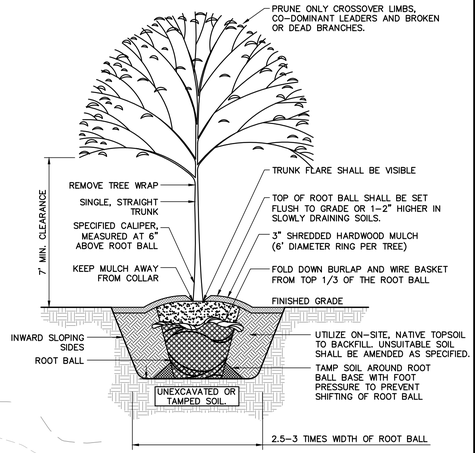
ERNMX-180 RAIN GARDEN SEED MIX (18,540 S.F.)

ERNMX-181 STEEP SLOPE MIX (45,000 SF)

CANOPY TREES - 5 GALLON CONTAINERS
AR (10) ACER RUBRUM - RED MAPLE
QB (5) QUERCUS BICOLOR - SWAMP WHITE OAK
QP (4) QUERCUS PHELLOS - WILLOW OAK
TD (3) TAXODIUM DISTICHUM - BALD CYPRESS

FLOWERING/ORNAMENTAL TREES - 3 GALLON CONTAINERS
AC (6) AMELANCHIER CANADENSIS - SERVICEBERRY
BN (10) BETULA NIGRA - RIVER BIRCH
MV (10) MAGNOLIA VIRGINIANA - SWEETBAY MAGNOLIA

25 TOTAL CANOPY TREES
26 TOTAL FLOWERING TREES
10 TOTAL SHRUBS



TREE PLANTING DETAIL
NOT TO SCALE

TRIBUTARY to SKIPPACK CREEK

PROPOSED BIORETENTION SURFACE ELEV. 301.0'

BASIN TO BE SEEDED WITH ERNMX-180 (RAIN GARDEN MIX) 18,533 sf

PROPOSED BIRETENTION SURFACE ELEV. 301.0'

STEEP SLOPES TO BE SEEDED WITH ERNMX-181 (NATIVE STEEP SLOPE MIX W/ ANNUAL RYEGRASS) SEE SHEET 6

EXISTING TREE

20 ft

Maintain an area for a Picnic area

Maintain a path for forebay maintenance

TMP 34-00-01732-00-7 BLOCK 003 UNIT 004

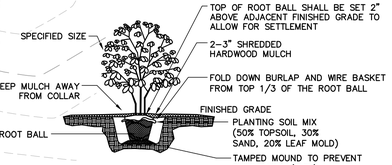
EXISTING PARKING AREA

POI 001 LAT. N 40.30001 Long W 75.33702

RAIN GARDEN MIX

1. SEED MIX SHALL BE ERNMX-180, AS PROVIDED BY ERNST CONSERVATION SEEDS, OR APPROVED EQUAL CONSISTING OF THE FOLLOWING SPECIES, OR AS CURRENTLY FORMULATED, AT 20 LBS PER ACRE WITH A COVER CROP OF GRAIN RYE AT 30 LB PER ACRE:

39.0% LITTLE BLUESTEM, FIG PA ECOTYPE (SCHIZACHYRIUM SCOPARIUM, FIG PA ECOTYPE)
15.0% VIRGINIA WILDRYE, PA ECOTYPE (ELYMUS VIRGINICUS, PA ECOTYPE)
8.0% RIVER OATS, WV ECOTYPE (CHASMANTHIUM LATIFOLIUM, WV ECOTYPE)
6.4% REDTOP PANICGRASS, PA ECOTYPE (PANICUM RIGIDULUM, PA ECOTYPE)
4.0% PARTRIDGE PEA, PA ECOTYPE (CHAMAECRISTA FASCICULATA, PA ECOTYPE)
4.0% PURPLE CONEFLOWER (ECHINACEA PURPUREA)
3.0% LANCELEAF COREOPSIS (COREOPSIS LANCEOLATA)
3.0% BLACKEYED SUSAN, COASTAL PLAIN NC ECOTYPE (RUDBECKIA HIRTA,COASTAL PLAIN NC ECOTYPE)
2.0% FOX SEDGE, PA ECOTYPE (CAREX VULPINOIDEA, PA ECOTYPE)
2.0% OXEYE SUNFLOWER, PA ECOTYPE (HELIOPSIS HELIANTHOIDES, P ECOTYPE)
2.0% BLUE VERVAIN, PA ECOTYPE (VERBENA HASTATA, PA ECOTYPE)
1.5% SWAMP MILKWEED, PA ECOTYPE (ASCLEPIAS INCARNATA, PA ECOTYPE)
1.0% SOFT RUSH (JUNCUS EFFUSUS)
1.0% MARSH (DENSE) BLAZING STAR (SPIKED GAYFEATHER), PA (LIATRIS SPICATA, PA ECOTYPE)
1.0% ROUND SEED PANICGRASS (PANICUM SPHAERONCARPON)
1.0% TALL WHITE BEARDTONGUE, PA ECOTYPE (PENSTEMON DIGITALIS, PA ECOTYPE)
0.5% BLUE FALSE INDIGO, SOUTHERN WV ECOTYPE (BAPTISIA AUSTRALIS, SOUTHERN WV ECOTYPE)
0.5% BLUNT BROOM SEDGE, PA ECOTYPE (CAREX SCOPARIA, PA ECOTYPE)
0.5% MISTFLOWER, VA ECOTYPE (EUPATORIUM COELESTINUM, VA ECOTYPE)
0.5% NARROWLEAF MOUNTAINMINT (PYCNANTHEMUM TENUIFOLIUM)
0.5% WILD SENNA, VA & WV ECOTYPE (SENNA HEBECARPA, VA & WV ECOTYPE)
0.5% OHIO SPIDERWORT, PA ECOTYPE (TRADESCANTIA OHIENSIS, PA ECOTYPE)
0.5% GOLDEN ALEXANDERS, PA ECOTYPE (ZIZIA AUREA, PA ECOTYPE)
0.4% WHITE AVENS, PA ECOTYPE (GEUM CANADENSE, PA ECOTYPE)
0.4% WILD BERGAMOT, FORT INDIANTOWN GAP-PA ECOTYPE (MONARDA FISTULOSA, FORT INDIANTOWN GAP-PA ECOTYPE
0.3% AUTUMN BENTGRASS, ALBANY PINE BUSH-NY ECOTYPE (AGROSTIS PERENNANS, ALBANY PINE BUSH-NY ECOTYPE)
0.3% SMOOTH BLUE ASTER, NY ECOTYPE (ASTER LAEVIS, NY ECOTYPE)
0.3% NEW ENGLAND ASTER, PA ECOTYPE (ASTER NOVAE-ANGLIAE, PA ECOTYPE)
0.3% COMMON SNEEZEWEE, PA ECOTYPE (HELENIUM AUTUMNALE, PA ECOTYPE)
0.2% FLAT TOPPED WHITE ASTER, PA ECOTYPE (ASTER UMBELLATUS, PA ECOTYPE)
0.2% ROUGHLEAF GOLDENROD, PA ECOTYPE (SOLIDAGO PATULA, PA ECOTYPE)
0.1% COMMON MILKWEED, PA ECOTYPE (ASCLEPIAS SYRIACA, PA ECOTYPE)
0.1% CULVER'S ROOT, PA ECOTYPE (VERONICASTRUM VIRGINICUM, PA ECOTYPE)



SHRUB PLANTING AND SHRUB BED PREPARATION
NOT TO SCALE

LANDSCAPE NOTES:

1. PLANT MATERIAL SHALL BE FURNISHED AND INSTALLED AS INDICATED INCLUDING ALL LABOR, MATERIALS, PLANTS, EQUIPMENT, INCIDENTALS AND CLEAN UP.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PLANTING AT CORRECT GRADES AND ALIGNMENT.
3. PLANTS SHALL BE TYPICAL OF THEIR SPECIES AND VARIETY, HAVE NORMAL GROWTH HABITS, WELL DEVELOPED BRANCHES, BE DENSELY FOLIATED, HAVE VIGOROUS ROOT SYSTEMS AND BE FREE FROM DEFECTS AND INJURIES.
4. CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE GROWTH OF THE PLANT MATERIAL.
5. ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN VIGOROUS GROWING CONDITION. PROVISIONS SHALL BE MADE FOR A GUARANTEE OF AT LEAST EIGHTEEN (18) MONTHS FOR TREES AND SHRUBS. REPLACEMENT SHALL BE MADE AT THE BEGINNING OF THE FIRST SUCCEEDING PLANTING SEASON. ALL REPLACEMENTS SHALL HAVE A GUARANTEE EQUAL TO THAT STATED ABOVE.
6. INSOFAR AS IT IS PRACTICABLE, PLANT MATERIALS SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE CONTRACTOR SHALL PROTECT STOCK NOT PLANTED. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE (3) DAY PERIOD AFTER DELIVERY.
7. QUALITY AND SIZE OF PLANTS, SPREAD OF ROOTS, AND SIZE OF BALLS SHALL BE IN ACCORDANCE WITH THE 2014 "AMERICAN STANDARD FOR NURSERY STOCK" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMAN INC., LATEST EDITION.
8. ALL PLANTS SHALL BE PLANTED IN TOPSOIL THAT IS THOROUGHLY WATERED AND TAMPED AS BACKFILLING PROGRESSES. NOTHING BUT SUITABLE TOPSOIL, FREE OF DRY SOD, STIFF CLAY, LITTER, ETC., SHALL BE USED FOR PLANTING.
9. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE.
10. SET ALL PLANTS PLUMB AND STRAIGHT. SET AT SUCH A LEVEL THAT AFTER SETTLEMENT, A NORMAL OR NATURAL RELATIONSHIP TO THE CROWN OF THE PLANT WITH THE GROUND SURFACE WILL BE ESTABLISHED. LOCATE PLANT IN THE CENTER OF THE PLANTING PIT.
11. EACH TREE AND SHRUB SHALL BE PRUNED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICE TO PRESERVE NATURAL CHARACTER OF THE PLANT. PRUNING SHALL BE DONE WITH CLEAN, SHARP TOOLS.
12. LANDSCAPING CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO PLACEMENT OF LANDSCAPE MATERIAL. CONTRACTOR SHALL NOT PLACE LANDSCAPING MATERIAL ON TOP OF UTILITY PIPING.
13. CLEARANCE HEIGHT OF BRANCHING ON ALL SHADE TREES SHALL BE 6'-8".
14. PLAN QUANTITIES SHALL SUPERCEDE PLANT LIST.

LEGEND

EXISTING		PROPOSED
250	1FT CONTOURS	120
	TREE LINE	
	BASE WATER SURFACE IN STREAM	
OHW	ORDINARY HIGH WATER IN STREAM, 0.69' ABOVE BASE FLOW	
Bo	SOIL TYPE BOUNDARY & LABEL	
	TRAFFIC SIGN	
	6" UNDERDRAIN PIPE	
	STORM SEWER/INLET	
	LIMIT OF DISTURBANCE:	LOD LOD
	PROJECT BOUNDARY / NPDES PERMIT LIMIT	NPDES

PENNSYLVANIA ONE CALL SYSTEM, INC.
925 Irwin Run Road
West Mifflin, Pennsylvania
15122 - 1078

811

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA! CALL 1-800-242-1776

NON-MEMBERS MUST BE CONTACTED DIRECTLY

PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR DEMOLISH

SERIAL NO. 2020-2581413

LOCATIONS OF EXISTING UNDERGROUND UTILITIES/FACILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM RECORDS, FIELD MARKOUTS BY UTILITY OWNERS, AND/OR ABOVE-GROUND OBSERVATION OF THE SITE. NO EXCAVATIONS WERE PERFORMED IN THE PREPARATION OF THESE DRAWINGS; THEREFORE ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, DEPTH, AND SIZE. THE POTENTIAL EXISTS FOR OTHER UNDERGROUND UTILITIES/FACILITIES TO BE PRESENT WHICH ARE NOT SHOWN ON THE DRAWINGS. ONLY THE VISIBLE LOCATIONS OF UNDERGROUND UTILITIES/FACILITIES AT THE TIME OF FIELD SURVEY SHALL BE CONSIDERED TRUE AND ACCURATE. COMPLETENESS OR ACCURACY OF UNDERGROUND UTILITIES/FACILITIES ARE NOT GUARANTEED BY GILMORE & ASSOCIATES INC.

ALL CONTRACTORS WORKING ON THIS PROJECT SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES/FACILITIES PRIOR TO START OF WORK AND SHALL COMPLY WITH THE REQUIREMENTS OF P.L. 852, NO. 287 DECEMBER 10, 1974 AS LAST AMENDED ON APRIL 28, 2018 PENNSYLVANIA ACT 50.

GILMORE & ASSOCIATES INC. HAS OBTAINED A PA-ONE CALL SERIAL NUMBER AS NOTED HEREON FOR DESIGN PURPOSES ONLY.

GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES
CORPORATE HEADQUARTERS
65 EAST BUTLER AVENUE - SUITE 100, NEW BRITAIN, PA 18901 • (215) 345-4330 • www.gilmore-assoc.com

G&A

JOB NO.: 2009017
MUNICIPAL FILE NO.: XX
TAX MAP PARCEL NO.: 34-00-01732-00-7 BLOCK 003, UNIT 004
SCALE: 0 20 40 FEET / IN
DESIGNED BY: SKO
DRAWN BY: XX
CHECKED BY: DCR

OWNER: FRANCONIA TOWNSHIP 671 ALLENTOWN ROAD TELFORD, PA 18924 215-723-1137
TOTAL AREA: 11.239 AC
TOTAL LOTS: 1
SCALE: 1"=20'
DATE: 03/12/2021

PERMIT PLANS

LANDSCAPE PLAN

GODSHALL POND REHABILITATION

FRANCONIA TOWNSHIP, MONTGOMERY COUNTY, PENNSYLVANIA

REV.	DESCRIPTION	DATE	BY
1	REVISED PER MCCD COMMENTS DATED 9/8/21	10/14/21	SKO

SHEET NO.: 8 OF 8

C:\MUNICIPL\2020\2009017-FT_Enos B. Godshall Park Pond\CAD\Production Drawings\LF-LNSC.dwg Layout: Landscape Plan Plotted By: sdotts, on Thu Oct 14, 2021 at 8:47am

Enos Godshall Pond - Under Construction 2023

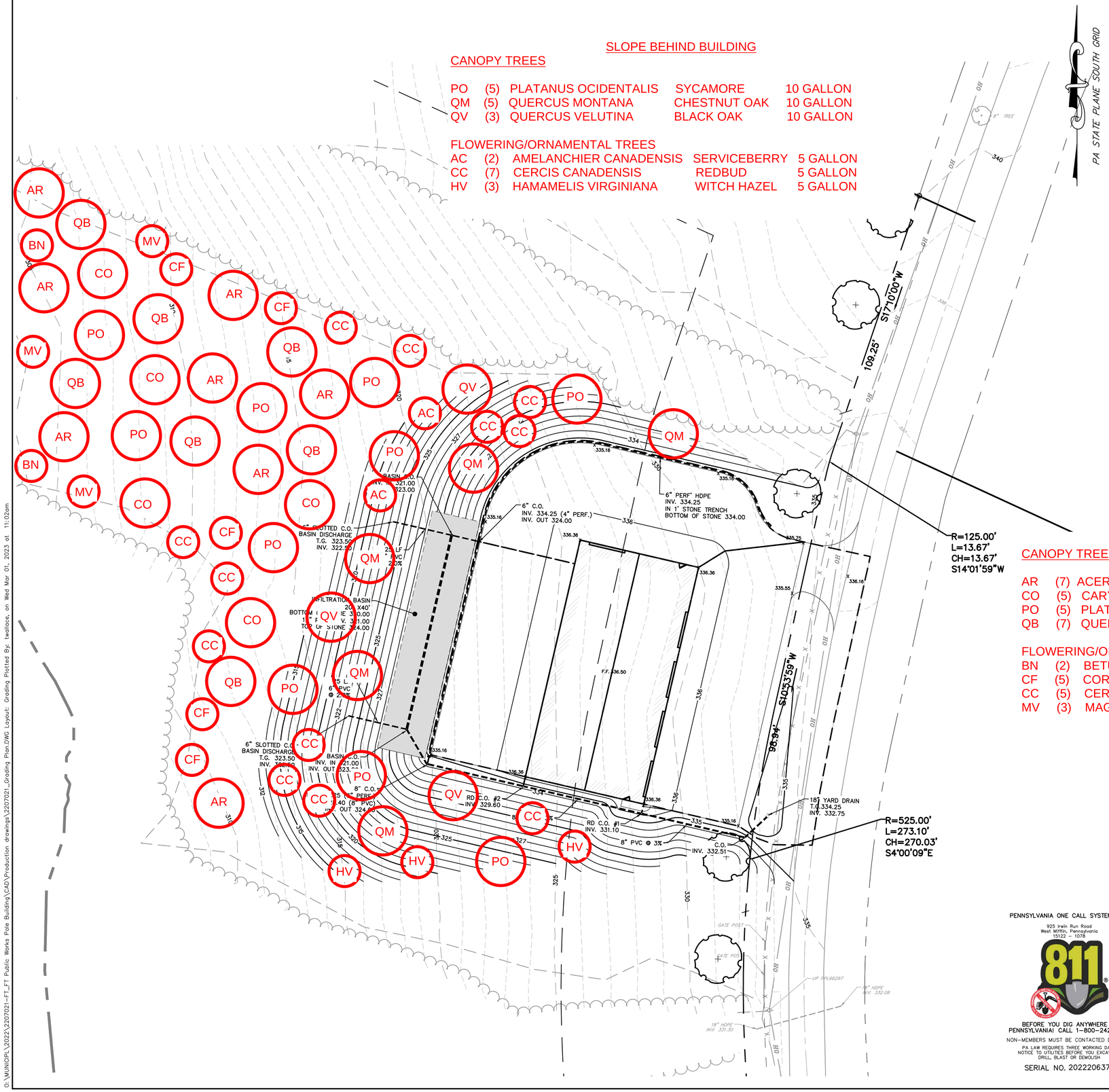
SLOPE BEHIND BUILDING

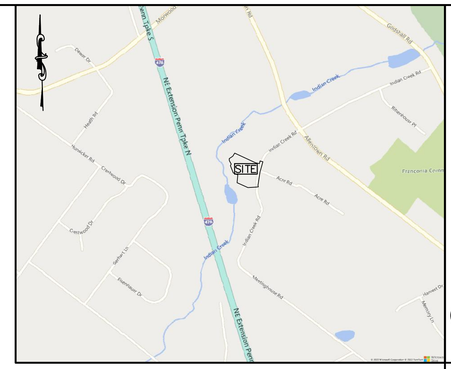
CANOPY TREES

PO	(5)	PLATANUS OCIDENTALIS	SYCAMORE	10 GALLON
QM	(5)	QUERCUS MONTANA	CHESTNUT OAK	10 GALLON
QV	(3)	QUERCUS VELUTINA	BLACK OAK	10 GALLON

FLOWERING/ORNAMENTAL TREES

AC	(2)	AMELANCHIER CANADENSIS	SERVICEBERRY	5 GALLON
CC	(7)	CERCIS CANADENSIS	REDBUD	5 GALLON
HV	(3)	HAMAMELIS VIRGINIANA	WITCH HAZEL	5 GALLON





LOCATION MAP

1000 00 1000 2000
SCALE IN FEET

SCALE: 1"=1000'

LEGEND

- EXISTING MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- 225.0 EXISTING SPOT ELEVATION
- TREE LINE
- LEGAL RIGHT-OF-WAY
- ULTIMATE RIGHT-OF-WAY
- SPECIAL FLOOD HAZARD BOUNDARY
- OH OVERHEAD ELECTRIC LINE
- CONCRETE MONUMENT FND
- IRON PIN FOUND
- PROPOSED STORM PIPE
- X 225.0 PROPOSED SPOT ELEVATION
- 330 PROPOSED MAJOR CONTOURS
- 323 PROPOSED MINOR CONTOURS
- UTILITY POLE
- GUY
- CONIFER TREE
- DECIDUOUS TREE

RIPARIAN BUFFER AREA

CANOPY TREES

AR	(7)	ACER RUBRUM	RED MAPLE	5 GALLON
CO	(5)	CARYA OVATA	SHAGBARK HICKORY	5 GALLON
PO	(5)	PLATANUS OCCIDENTALIS	SYCAMORE	5 GALLON
QB	(7)	QUERCUS BICOLOR	SWAMP WHITE OAK	5 GALLON

FLOWERING/ORNAMENTAL TREES

BN	(2)	BETULA NIGRA	RIVER BIRCH	3 GALLON
CF	(5)	CORNUS FLORIDA	FLOWERING DOGWOOD	3 GALLON
CC	(5)	CERCIS CANADENSIS	REDBUD	3 GALLON
MV	(3)	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	3 GALLON

REFERENCES:

1. TAX MAP FOR THE TOWNSHIP OF FRANCONIA, COUNTY OF MONTGOMERY, COMMONWEALTH OF PENNSYLVANIA.
2. PLAN ENTITLED "SUBDIVISION PLAN PREPARED FOR HARRY BERGEY" JOB # 78469 PREPARED BY URWILER & WALTER INC, DATED NOVEMBER 21 1978, RECORDED IN MONTGOMERY COUNTY AT PLAN BOOK B-36 PAGE 39 ON MARCH 19 1979
3. PLAN ENTITLED "SUBDIVISION PLAN PREPARED FOR JAMES H MACK" JOB # 88050 PREPARED BY URWILER & WALTER INC, DATED MAY 2 1988, RECORDED IN MONTGOMERY COUNTY AT PLAN BOOK A-50 PAGE 116 ON SEPTEMBER 8 1988
4. "PLAN OF CONDEMNATION", PREPARED BY METZ ENGINEERS, CIVIL ENGINEERS AND SURVEYORS, DATED MARCH 8 2010, LAST REVISED MAY 18 2010
5. FLOOD INSURANCE RATE MAP# 42091C0128G REVISED MARCH 2 2016
6. DEED BOOK 5800 PAGE 02233 (INSTRUMENT NO. 2011043662)

PENNSYLVANIA ONE CALL SYSTEM, INC.
925 Irwin Run Road
West Mifflin, Pennsylvania
15122 - 1078

811

BEFORE YOU DIG ANYWHERE IN PENNSYLVANIA! CALL 1-800-242-1776

NON-MEMBERS MUST BE CONTACTED DIRECTLY

PA LAW REQUIRES THREE WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL, BLAST OR DEMOLISH

SERIAL NO. 20222063720

LOCATIONS OF EXISTING UNDERGROUND UTILITIES/FACILITIES SHOWN HEREON HAVE BEEN DEVELOPED FROM RECORDS, FIELD MARKOUTS BY UTILITY OWNERS, AND/OR ABOVE-GROUND OBSERVATION OF THE SITE. NO EXCAVATIONS WERE PERFORMED IN THE PREPARATION OF THESE DRAWINGS; THEREFORE ALL UTILITIES SHOWN SHOULD BE CONSIDERED APPROXIMATE IN LOCATION, DEPTH, AND SIZE. THE POTENTIAL EXISTS FOR OTHER UNDERGROUND UTILITIES/FACILITIES TO BE PRESENT WHICH ARE NOT SHOWN ON THE DRAWINGS. ONLY THE VISIBLE LOCATIONS OF UNDERGROUND UTILITIES/FACILITIES AT THE TIME OF FIELD SURVEY SHALL BE CONSIDERED TRUE AND ACCURATE. COMPLETENESS OR ACCURACY OF UNDERGROUND UTILITIES/FACILITIES ARE NOT GUARANTEED BY GILMORE & ASSOCIATES INC.

ALL CONTRACTORS WORKING ON THIS PROJECT SHALL VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES/FACILITIES PRIOR TO START OF WORK AND SHALL COMPLY WITH THE REQUIREMENTS OF P.L. 852, NO. 287 DECEMBER 10, 1974 AS LAST AMENDED ON APRIL 28, 2018 PENNSYLVANIA ACT 50.

GILMORE & ASSOCIATES INC. HAS OBTAINED A PA-ONE CALL SERIAL NUMBER AS NOTED HEREON FOR DESIGN PURPOSES ONLY.

20 0 20 40
SCALE IN FEET
1"=20'

GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES
CORPORATE HEADQUARTERS
65 EAST BUTLER AVENUE, SUITE 100, NEW BRITAIN, PA 18901 • (215) 345-4330 • www.gilmore-assoc.com

REV.	DESCRIPTION	DATE	BY

PRELIMINARY LAYOUT & GRADING PLAN

FRANCONIA PUBLIC WORKS POLE BUILDING

PARID 34-00-02809-00-1
FRANCONIA TOWNSHIP, MONTGOMERY COUNTY, PENNSYLVANIA

GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

PROJECT No.: 2207021	
TAX MAP PARCEL No.: 34-00-02809-00-1	
TOTAL AREA:	TOTAL LOTS: 1
DATE: 08/08/22	SCALE: 1"=20'
DRAWN BY: HMD	CHECKED BY: XX

SHEET NO.: 1 OF 1