



September 30, 2026

NPDES Annual MS4 Status Report Reviewer

Bureau of Clean Water
Pennsylvania Department of Environmental Protection
2 East Main Street
Norristown, PA 19401
Submitted via DEP's Public Upload Website

RE: Skippack Township 2026 Annual MS4 Status Report
NPDES Permit No. PAI130073
Skippack Township, Montgomery County, PA

Dear Reviewer,

On behalf of Skippack Township, the Center for Watershed Protection is pleased to provide the enclosed Annual MS4 Status Report and associated documentation for the NPDES MS4 Individual Permit (PAI130073) covering the period from July 1, 2025 to June 30, 2026. The report documents the Township's compliance with the permit and continuing efforts to improve their Stormwater Management Program.

Thank you in advance for your time. Please do not hesitate to contact me at beu@cwp.org or 484-680-0806 with any questions.

Best Regards,

Center for Watershed Protection

A handwritten signature in cursive script that reads "Beth Uhler".

Beth Uhler
Pennsylvania Director

cc: Alice Eastmure, Skippack Township Manager
Justin Stottlar, Skippack Interim Township Manager
Tim Woodrow, P.E., Woodrow & Associates, Inc.



MUNICIPAL SEPERATE STORM SEWER SYSTEM

ANNUAL MS4 STATUS REPORT

2026

SKIPPACK TOWNSHIP

Montgomery County

4089 Heckler Road

PO Box 164

Skippack, PA 19474

**CENTER FOR
WATERSHED
PROTECTION**

Center for Watershed Protection, Inc.
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MUNICIPAL SEPERATE STORM SEWER SYSTEM ANNUAL MS4 STATUS REPORT



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ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2025 TO JUNE 30, 2026

GENERAL INFORMATION					
Permittee Name:	Skippack Township		NPDES Permit No.:	PAI130073	
Mailing Address:	PO Box 164, 4089 Heckler Road		Effective Date:	May 1, 2024	
City, State, Zip:	Skippack, PA 19474-0164		Expiration Date:	April 30, 2029	
MS4 Contact Person:	Justin Stottlar		Renewal Due Date:	November 1, 2028	
Title:	Interim Township Manager		Municipality:	Skippack Township	
Phone:	(610) 454-0909		County:	Montgomery	
Email:	jstottlar@skippacktownship.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?
Skippack Creek	TSF/MF	Yes	Siltation & Nutrients	Yes	Yes
Perkiomen Creek	WWF/MF	Yes	Pathogens	No	N/A
Shady Brook Run	TSF/MF	Yes	Siltation & Excessive Algal Growth	No	N/A
Towamencin Creek	TSF/MF	Yes	Excessive Algal Growth & Water Flow Variability	No	N/A

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	Skippack Township	Justin Stottlar	(610) 454-0909
#2 Public Involvement/Participation	Skippack Township	Justin Stottlar	(610) 454-0909
#3 Illicit Discharge Detection and Elimination (IDD&E)	Skippack Township	Justin Stottlar	(610) 454-0909
#4 Construction Site Storm Water Runoff Control	Skippack Township	Justin Stottlar	(610) 454-0909
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Skippack Township	Justin Stottlar	(610) 454-0909
#6 Pollution Prevention / Good Housekeeping	Skippack Township	Justin Stottlar	(610) 454-0909

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: November 2025 Were updates made? ☒ Yes ☐ No

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

- Publish at least one (1) stormwater article in the Township Newsletter.
- Publish at least one (1) stormwater post on the Township Facebook page.
- Provide at least two (2) printed brochures/pamphlets to be available in the Township Administration Building lobby for public distribution.
- Review and update information on the stormwater webpage on the Township website.
- Update the written Public Education and Outreach Program

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:

- Publish at least one (1) stormwater article in the Township Newsletter.
- Publish at least one (1) stormwater post on the Township Facebook page.
- Provide at least two (2) printed brochures/pamphlets to be available in the Township Administration Building lobby for public distribution.
- Review and update information on the stormwater webpage on the Township website.

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: November 2025 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: November 2025 Were updates made? ☐ Yes ☒ No

3. Do you have a municipal website? ☒ Yes ☐ No (URL:
www.skippacktownship.org/information/stormwater-management/)

If Yes, what MS4-related material does it contain?

The Township Stormwater Management webpage contains general information on stormwater and the NPDES MS4 permit. There is a weblink for Skippack's stormwater infrastructure interactive map, a section that provides an overview of NPDES MS4 permit and six minimum control measures. The Skippack Township stormwater management reports are included. There is a section for reporting suspected illicit discharges and a Township phone number to call. There is a section how residents can help with stormwater that provides weblinks for additional information on the following topics:

-General Tips

-Tips for Your Car

-Tips for Your Pets

-Tips for Your Home

-Tips for Your Construction Project

The webpage also includes links to other organizations that provide information on stormwater management including the Perkiomen Watershed Conservancy, USEPA, Penn State Extension, PA DEP Southeast Region Office, Montgomery County Conservation District, and the Federal Emergency Management Agency.

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:
Refer to BMP #4 for additional methods and Appendix A for supporting documentation.

5. Identify specific plans for the publication of stormwater materials for the upcoming year:

-Publish at least one (1) stormwater article in the Township Newsletter.

-Publish at least one (1) stormwater post on the Township Facebook page.

-Provide at least two (2) printed brochures/pamphlets to be available in the Township Administration Building lobby for public distribution.

-Review and update information on the stormwater webpage on the Township website.

-Update the written Public Education and Outreach Program.

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 Spring/Summer 2025 Newsletter was mailed out to members of the Township. The newsletter contained a summary of the electronic recycling event. The newsletter also contained an article written by the Perkiomen Watershed Conservancy titled, "Stormwater News: Summer Edition: Protecting Water Resources this Summer".

MCM #1 Comments:

Refer to Appendix A for MCM #1 supporting documentation.

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: December 2025

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

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.

On July 9, 2025 Tim Woodrow, Township Engineer, provided a presentation on stormwater quality at the Board of Supervisors meeting. In addition, stormwater educational presentations were provided by Tim Woodrow, Township Engineer, at the September 20, 2025 and November 12, 2005 meetings.

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.

On May 12, 2026 the Township posted on their Facebook page information on a Rain Barrel Workshop event hosted by the Perkiomen Watershed Conservancy. The event was held on Thursday, May 14, 2026 from 6:30-7:30pm at the Township Building located at 4089 Heckler Road Skippack, PA 19474.

On April 22, 2026 the Township posted on their Facebook page a happy earth day message.

On April 14, 2026 the Township posted on their Facebook page a thank you to those that participated in the Perkiomen Stream Clean-up.

On March 9, 2026 the Township posted on their Facebook page information on an electronics recycling event that was held on Thursday, April 23, 2026 from 12-2pm at the Township Building located at 4089 Heckler Road Skippack, PA 19474.

On October 28, 2025 the Township posted on their Facebook page information on an event to plant trees at Lenape Park. The event was held on Saturday, November 1, 2025 at Lenape Park, 4991 Skippack Pike, Skippack, PA 19474.

On August 18, 2025 the Township posted on their Facebook page information on a lawn to garden workshop hosted by the Perkiomen Watershed Conservancy. The event was held on Wednesday, September 17 from 6:30-7:30pm at the Township building located at 4089 Heckler Road Skippack, PA 19474.

On July 23, 2025 the Township posted on their Facebook page information on a free shred event at the Norristown Area High School. This event was held on Saturday, July 26 from 9 am to 12pm at the Norristown High School located at 1900 Eagle Drive, Norristown, PA 19401.

MCM #2 Comments:

Refer to Appendices A and B for supporting documentation. The written PIPP was updated.

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 2026 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): 6/24/26

3. Total No. of Outfalls in MS4: 73 Total No. of Outfalls Mapped: 73

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): 6/24/26

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? 73
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: 5/2/2004 Amended 12/10/2008 by Ord. No. 323

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? The Township Stormwater Management webpage contains a link to an EPA factsheet on IDDE as well as a phone number to report stormwater concerns or a suspected illicit discharge. Township staff attended a training event focusing on an overview of the NPDES MS4 program and Illicit Discharge Detection and Elimination. Handouts of the presentation were distributed to event attendees. Appendix E provides information on the training event.

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:

The Township created a new stormwater field map to complete outfall and updated public facing stormwater map and internal viewer to consist of new map. The public facing web app is located here: <https://arcg.is/1brK012>

The Township IDDE written program was updated and is provided in Appendix C.

Dry weather screenings were conducted on all MS4 outfalls to evaluate the presence of illicit discharges and none were found. The Township will identify priority areas (and outfalls that drain to them) in the next reporting period.

The Township Stormwater Management Ordinance review and update for consistency with the DEP 2022 Model Stormwater Management Ordinance is pending, with an anticipated completion date by September 30, 2028.

The Township stormwater infrastructure mapping that satisfies BMP#2 is found here:

<https://experience.arcgis.com/experience/76e1b45390ce4e1194615f7bbcdadf46/>

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: 5/2/2004 Amended 12/10/2008 by Ord. No. 323

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:

The Township relies on PA's statewide program for stormwater management associated with construction activities to satisfy this MCM. The Township also completes erosion and sediment control inspections and enforcement. Active construction projects are monitored daily, others are inspected on a bi-weekly basis.

The Township Stormwater Management Ordinance review and update for consistency with the DEP 2022 Model Stormwater Management Ordinance is pending, with an anticipated completion date by September 30, 2028.

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: 5/12/2004 Amended 12-10-2008 by Ord. No. 323

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: 5/12/2004 Appendix A dated 2/01/2009

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.

The Township completed a detailed review and update of the PCSM BMP Inventory based on a list of sites with NPDES Permits for Stormwater Discharges Associated with Construction Activities authorized after March 10, 2003 in coordination with Montgomery County Conservation District. This list has been reviewed and the status of the development documented. These plans have been pulled, scanned to pdf, and BMPs are populated at each site in GIS. A Stormwater BMP Inspection and Compliance Program is being developed. The updated PCSM BMP Inventory is provided in Appendix D.

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				0 1 11	0 1 11			
2				0 1 11	0 1 11			
3				0 1 11	0 1 11			
4				0 1 11	0 1 11			
5				0 1 11	0 1 11			
6				0 1 11	0 1 11			
7				0 1 11	0 1 11			
8				0 1 11	0 1 11			
9				0 1 11	0 1 11			
10				0 1 11	0 1 11			
11				0 1 11	0 1 11			
12				0 1 11	0 1 11			
13				0 1 11	0 1 11			
14				0 1 11	0 1 11			
15				0 1 11	0 1 11			
16				0 1 11	0 1 11			

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:

The Township relies on the PA statewide program, but also conducts PCSM reviews for compliance with the Township ordinances.

The Township finalized the PCSM BMP Inventory, which is enclosed in Appendix D. BMP locations can be viewed in this web app: <https://arcg.is/1brK012>. A Stormwater BMP Inspection and Compliance Program is being developed and will be submitted with the next Annual MS4 Status Report.

The Township's Stormwater Management Ordinance is in the process of being reviewed and updated for consistency with the DEP 2022 Model Stormwater Management Ordinance. The updated ordinance will be adopted and submitted with the Annual MS4 Status Report due September 30, 2028.

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 permittee that have the potential to generate stormwater runoff into the MS4? ☒ Yes ☐ No
2. When was the inventory last reviewed? June 2026
3. When was it last updated? June 2026

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: December 2024 (updated)

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: Updated June 2026 Date of latest training: October 24, 2025

3. Training topics covered:

NPDES MS4 Program Overview
Illicit Discharge Detection and Elimination Overview
What to Expect During a PA DEP Inspection

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

Paige Buzard - Center for Watershed Protection
Julie Schneider - Center for Watershed Protection

5. Names of training attendees:

Justin Stottlar- Township Assistant Manager

MCM #6 Comments:

The October 2025 training agenda, presentation and sign-in sheet are provided in Appendix E.
The written Township Employee Training Programs are completed and provided in Appendix E.

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)	June 30, 2026	☒	
Source Inventory		☐	September 30, 2027
Investigation of Suspected Sources		☐	September 30, 2028
Ordinance/SOP for Controlling Animal Wastes		☐	September 30, 2028

PCM Comments:

Storm sewershed mapping for stormwater discharges to streams impaired by pathogens (Appendix B) and stormwater discharges to streams impaired by priority organic compounds (Appendix C) is provided at this link <https://arcg.is/1brK012>.

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	11/2022	4/23/2024	Skippack Creek (including Towamencin Creek)
☒ 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: Skippack Township, Hatfield Township, Lower Providence Township, Towamencin Township, Worcester Township			
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)	923,592 (jointly) 166,075 (Skippack only)		
☐ Combined Chesapeake Bay / Impaired Waters PRP			
☐ Combined PRP / TMDL Plan			
3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: September 30, 2029 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.			

The Skippack Creek Watershed Multi-Municipal Pollution Reduction Plan (PRP) collaborative meets quarterly and is actively working toward implementing projects and obtaining grant funding. Refer to the following details on individual projects:

-Zachiaras Creek Stream Restoration Phase I (Worcester Township)- Survey was completed in 2024. A PA DEP Growing Greener Plus Program grant was awarded in January 2025 for design and permitting, which is ongoing. A PA DEP Growing Greener Plus was applied for in May 2026 for construction of the project. Pollutant reduction calculations were updated to include the floodplain restoration component and provided to PA DEP via email on May 1, 2026. PA DEP responded on May 14, 2026 indicating they will accept the updated calculations.

-Grist Mill Basin Retrofits (Towamencin Township)- This project received funding for design and construction through a Watershed Restoration and Protection Program (WRPP) grant from the Pennsylvania Department of Community and Economic Development (PA DCED) was awarded in 2025 (partial award) and MontCo 2040 grant. It is currently under construction as of September 2026.

-Cholet Farms Stream Restoration (Skippack Township)- Preliminary design plans were completed in May 2026 and design and permitting is ongoing. A PA DEP Growing Greener Plus grant was applied for in May 2026 for construction of the project. It is anticipated that the project will provide more pollutant reduction than proposed in the approved PRP. Pollutant reduction calculations will be updated once the final design is complete.

-Perkiomen Valley Airport Bioswales (Skippack Township)- This project is part of a redevelopment and proposed as above and beyond NPDES Permit for Stormwater Discharges Associated with Construction Activities requirements. The project is complete; Notice of Termination (NOT) is still pending. The proposed BMP types to count towards the Skippack TMDL have changed to impervious cover removal and a rain garden. Pollutant reduction calculations were updated and provided to PA DEP via email on May 1, 2026. PA DEP responded on May 14, 2026 indicating they will accept the updated calculations.

-Skippack Creek Stream Restoration (Towamencin Township)- A Growing Greener Plus grant was awarded in January 2026 for the design of this project, which is ongoing. This project was not originally included in the approved PRP. Pollutant reduction calculations were completed and provided to PA DEP via email on May 1, 2026. PA DEP responded on May 14, 2026 indicating they will accept the updated calculations.

-Clemens Park Basin Retrofit (Hatfield Township)- The landowner is not interested in this project, so it will no longer be pursued.

A running list of PRP updates are being maintained with the intent of completing one comprehensive update at a later date.

6. Anticipated activities for next reporting period.

Skippack Creek Watershed Multi-Municipal Pollution Reduction Plan: The collaborative will continue to meet quarterly and work towards implementing projects and obtaining grant funding. Refer to the following details for anticipated activities on individual projects:

-Zachiaras Stream Restoration Phase I (Worcester Township)- This project will go to construction if awarded the funding through the PA DEP Growing Greener Plus grant.

-Grist Mill Basin Retrofits (Towamencin Township)- This project will be complete.

-Cholet Farms Stream Restoration (Skippack Township)- This project will go to construction if awarded the funding through the PA DEP Growing Greener Plus grant.

-Perkiomen Valley Airport Bioswales (Skippack Township)- This project will be considered complete once the NOT is issued.

-Skippack Creek Stream Restoration (Towamencin Township)- Design and permitting will be completed a grant for construction funding applied for.

Two projects in Lower Providence Township were identified to proceed with design:

Lower Providence Basin Retrofits

Eagleview Correctional Facility Regional Water Quality Basin

PRP/TMDL Plan Comments:

Skippack Township will continue to work towards implementation of the PRP and Skippack TMDL. Note that the collaborating municipalities have different PRP implementation due dates:

Skippack Township 4/30/29

Lower Providence Township 7/30/29

Hatfield Township 11/30/27

Towamencin Township 11/30/27

Worcester Township 11/30/27

PA DEP confirmed via email on January 21, 2026 that the overall due date for the collaborative would default to 4/30/29.

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)
						O 1 11	O 1 11		☐	☐	
						O 1 11	O 1 11		☐	☐	
						O 1 11	O 1 11		☐	☐	
						O 1 11	O 1 11		☐	☐	
						O 1 11	O 1 11		☐	☐	

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 Inspection	Satisfactory?
						O 1 11	O 1 11				☐
						O 1 11	O 1 11				☐
						O 1 11	O 1 11				☐
						O 1 11	O 1 11				☐
						O 1 11	O 1 11				☐
						O 1 11	O 1 11				☐

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 therein. 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 persons 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).

TURNER STOTTMAN
Name of Responsible Official

Signature

610-545-8009
Telephone No.

Date

9/21/26

**MUNICIPAL SEPERATE STORM SEWER SYSTEM
ANNUAL MS4 STATUS REPORT**



APPENDIX A

MCM #1 PUBLIC EDUCATION AND OUTREACH PROGRAM

- Township Website Documentation
- MS4 Resources Available in Township Building Lobby
- Summary of Articles in Township Newsletter
- Skippack Township Written Public Education and Outreach Program

TOWNSHIP WEBSITE DOCUMENTATION



SKIPACK TOWNSHIP
 Montgomery County, PA

[Government](#)
[Departments](#)
[Information](#)
[Resources](#)

[Home](#) / [Information](#)

Stormwater Management






What is Stormwater?

Stormwater is generated when precipitation from rain and snow-melts flow over land and impervious surfaces and does not infiltrate into the ground. The runoff from streets, lawns, farms, and construction and industrial sites pick up fertilizers, dirt, pesticides, oil, grease and many other pollutants and discharge into our lakes, streams and rivers.

This untreated discharge is detrimental to our water quality as it can adversely affect our drinking water supply and environment. Many Best Management Practices (BMPs) such as detention/retention/ infiltration basins, are already in place to help keep our water clean.

To look at Skipack's Stormwater Infrastructure click the link for an interactive map: <https://experience.arcgis.com/experience/76efbd5396c0e1194615f7b0c0a0ff46/>

How does Skipack Township Regulate Stormwater?

Skipack Township regulates stormwater management which goes above and beyond typical BMPs through a permit that is obtained from the Pennsylvania Department of Environmental Protection (PA DEP) through the National Pollution and Discharge Elimination System Phase II NPDES Municipal Separate Storm Sewer System (MS4). This is a federal requirement from the United States Environmental Protection Agency (USEPA) that is administered by the PA DEP. This NPDES Permit is broken up into six minimum control measures to be regulated and enforced by the Township. These minimum control measures include:

- Construction Site Runoff Control
- Illicit Discharge, Detection And Elimination
- Pollution Prevention Good Housekeeping
- Post Construction Runoff Control
- Public Education And Outreach
- Public Participation Involvement
- Lawn To Native Garden Pdf

Skipack Township Stormwater Management Reports

- 2025 Skipack Township Annual MS4 Status Report
- 2025 Skipack Township Public Education And Outreach Program
- 2025 Skipack Township Public Involvement And Participation Program
- Skipack Township Operation And Maintenance Program

How do I report a stormwater concern or a suspected illicit discharge?

If you believe someone is discharging sanitary waste, chemicals or other hazardous and prohibited materials into a storm sewer or a waterway, please contact the Township Manager, at (610) 454-0303.

How Residents Can Help with Stormwater Management?

There are many ways you can help the Township with its stormwater program and participate in volunteering programs that will keep trash, debris and other pollutants out of the storm sewer system.

General Tips

-  [Catch Of The Day](#)
-  [Protecting Water Quality From Urban Run Off](#)
-  [Sollution To Pollution](#)
-  [Stormwater Pollution Prevention](#)
-  [Ten Things To Protect Your Water](#)
-  [Thirsty](#)
-  [Water Conservation Tips](#)
-  [When It Rains, It Drains](#)
-  [Winter De Icing Tips](#)

Tips for Your Car

-  [Auto Recyclers Overview](#)
-  [Car Wash Information](#)
-  [Vehicle Maintenance Tips](#)

Tips for Your Pets

-  [Canines For Clean Creeks](#)
-  [Pet Waste Tips](#)
-  [The Importance Of Cleaning Up After Your Pets](#)

Tips for Your Home

-  [Bag It, Don't Blow It](#)
-  [Fertilizer Tips](#)
-  [Grass Recycling](#)
-  [Handle Pool Water Safe](#)
-  [Homeowner's Guide To Stormwater Management](#)
-  [Rain Gardens](#)
-  [Rake It Or Leave It](#)
-  [Septic System Tips](#)

Tips for Your Construction Projects

-  [Construction Site Run Off Control](#)
-  [Post Construction Run Off Control](#)
-  [Stormwater And Run Off Primer](#)
-  [Stormwater And The Construction Industry](#)

Links

For more information on stormwater management, please visit:

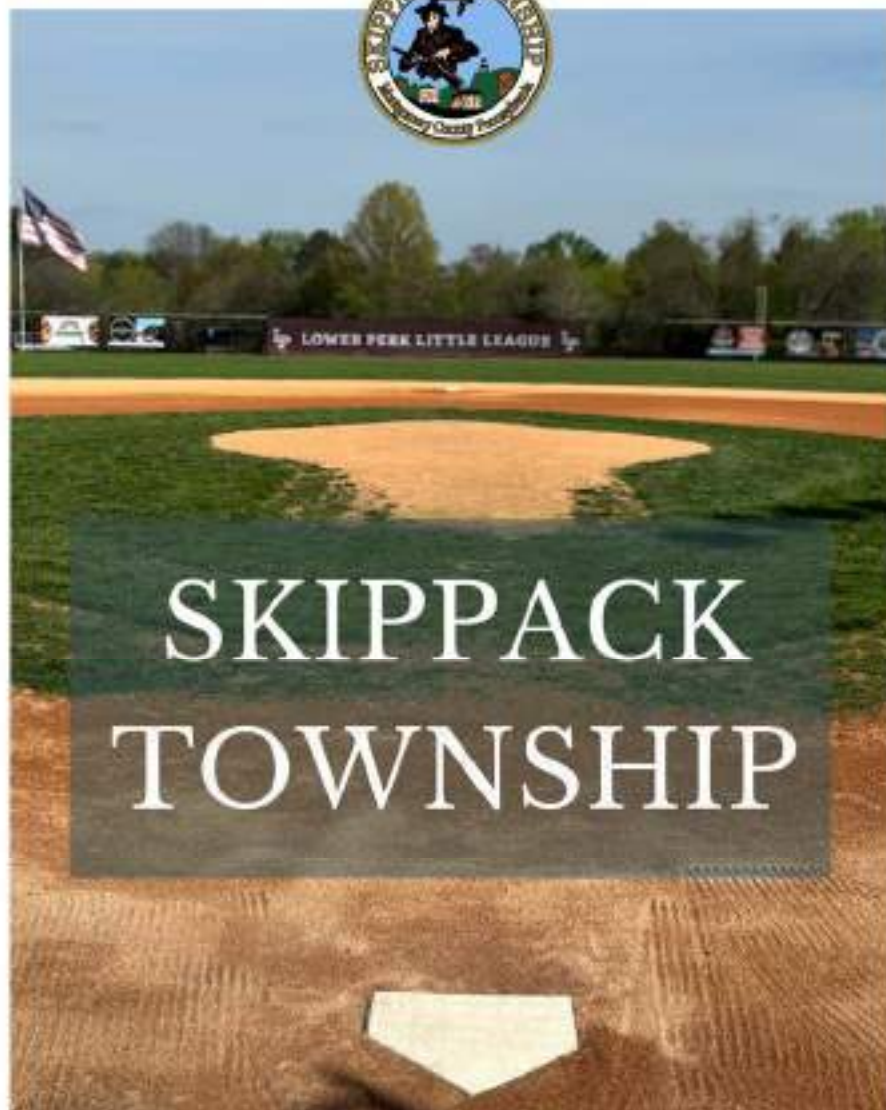
Perkiomen Watershed Conservancy
USEPA
Stormwater Basic Information
Stormwater Discharge From MS4s
Penn State Extension- offers tips and programs
Stormwater Management Program
PA DEP Southeast Region Office
(MCCD) Montgomery County Conservation District
(FEMA) Federal Emergency Management Agency
Public Education and Outreach

MS4 RESOURCES AVAILABLE IN TOWNSHIP BUILDING LOBBY



SUMMARY OF ARTICLES IN TOWNSHIP NEWSLETTER

2026 Spring/Summer Newsletter- The Public Works section provides a summary of the Township recycling and composting programs including the electronic collection drop-off (page 3). The Environmental Advisory Board section provides a summary of accomplishments in 2025 that include the single-use plastic ordinance and states that fifty native trees were provided to Township residents at the first annual native tree giveaway (page 6). The Public Works page contains instructions on recycling guidelines (page 17). Information on yard waste collection and recycling of grass clippings for residents (page 20). Another page contains informative articles titled "Storm Water Regulations," "Where Does Your Sump Pump Flow?" and a notice to never dump garbage into storm drains because they connect to Saw Mill Creek (page 21).



NEWSLETTER

Spring/Summer 2025

Administrative Office
4089 Heckler Road | P.O. Box 164
Skipack, PA 19474
phone: (610)-454-9909
www.skipacktownship.org
Office Hours: Monday thru Friday
8am-4:30pm

BOARD OF SUPERVISORS

Meetings are held on the 2nd Wednesday of every month at 7pm.
Paul Fox - Chairman
Nick Fountain - Vice Chair
Barbara McGinnis
Martin Ellis
Karen Litch

TOWNSHIP STAFF

Township Manager - Alice Eastman
Finance / Treasurer - Tracy Nonemaker
Assistant Township Manager - Justin Stettin
Permit / Sewer Admin - Donna Ciliberto
Special Events Coordinator - Danielle D'Angelo
Building Inspector - Brian Swift

PROFESSIONAL STAFF

Solicitor - Joseph C. Kubla, Esq.
Engineer - Timothy Woodrow, P.E.
Planner - Pesmoni, Inc.

PLANNING COMMISSION

Meetings are held on the 3rd Monday of every month at 7pm.
Timothy Landmesser - Chairman
Luke DiIasi - Vice Chair
Bradley DeForest
Harry Greco
Gerald A. Rader

ZONING HEARING BOARD - Meetings are held as needed.

Jack White - Chairman
Fred Chondorain
Diane Fisher
Theresa Gentile
Michael Wells
Gregory Gifford - Zoning Hearing Board Solicitor



COMMUNITY INFORMATION

TAX COLLECTOR

Laurie Augustine
skipacktax@gmail.com

STATE REPRESENTATIVES

Senator Tracy Pennycuik, 24th District
215-541-2388

Representative Matt Bradford, 70th Legislative District
610-222-3400

PERKIOMEN VALLEY SCHOOL DISTRICT

610-489-8506
3 Iron Bridge Dr., Collegeville, PA 19426

DISTRICT JUSTICE COURT 38-1-24

610-384-4732
Adam Katzman, 840 Harleysville Pike, Suite 2-3,
Harleysville, PA 19438

In a Police, Fire, or Medical Emergency, call 911
PENNSYLVANIA STATE POLICE
610-384-1250

SKIPACK FIRE COMPANY

610-384-9901

SKIPACK EMERGENCY MEDICAL SERVICES

610-454-9665

A MESSAGE FROM THE CHAIRMAN



Welcome to the Skippack Township Spring/Summer 2025 newsletter! Inside you will find some great resources and activities in our community. As always, please scan the QR code at the end of this Newsletter to receive our monthly eNewsletter through email. You can also register from our website.

Good weather is finally here! And your Township has already been in high gear with the 2025 schedule of events. If you've missed our Leprechaun or Easter Egg hunts, read on to see the adorable pictures our staff have collected. We've also had an electronics recycling event that was a tremendous hit. Our website shows our upcoming events, but be sure to mark your calendars for 'AM Radio' playing in Palmer Park on June 5th. And, of course, you will not want to miss our annual 4th of July Skippackpalooza. The parade and fireworks get bigger and better every year, and the Village businesses keep us entertained throughout the day.

Spring is also a time when our crews are around town making improvements. Please use caution when our teams are out there fixing roads, upgrading traffic signs, trimming trees, and cutting grass. Some notable larger projects this year include repaving and adding a crosswalk on Cross Rd, and starting to rebuild the Skippack Creek Bridge on Rt 73 near the Post Office. Both are funded completely by PennDOT and State Grants in order to avoid any impact on our residents' tax dollars. Another State Grant we received was to start evaluating the traffic improvements required on Rt 113 N at the intersection of Rt 73. You may see some Engineering site work starting to occur over the next several months. We will keep the community updated with details and potential traffic impacts through social media, eNewsletter, and our website.

I hope to see everyone around town as we come out of hibernation. Perhaps our paths will cross at a Little League game in Palmer Park, walking on the trail, fishing the Perkiomen Creek, or trying our hand at Disc Golf in Lenape Park. Wherever you go, follow the hikers creed: Take only pictures, leave only footprints.

May your spring and summer be full of happiness, good health, and great memories.

Sincerely,

Paul Fox
Chairman of the Board
Skippack Township

BOARD OF SUPERVISORS

What They Love About Skippack...



Paul Fox, Chairman

Skippack is special because it's a vibrant mix of history, community, and celebration. Whether it's the charming local shops, the parks and trails, or the events that bring neighbors together. Skippack is a unique oasis that's the perfect escape from the hustle and bustle of daily life.

Nick Fountain, Vice Chair

Having been born and raised in Skippack, what I love about my hometown is the community. We are a close-knit family, where neighbors genuinely care for and look out for one another. Our small-town charm, local events, and vibrant businesses create a warm, welcoming atmosphere that makes you feel at home



Marian Ellis

I moved to Skippack in 2018 a few years after my husband John passed. It was the first home I bought without him and it was a big deal for me. I was worried if I would fit in and wondered if, as a single person, I would feel awkward. Luckily I felt welcomed by my Meadow Glen at Skippack community immediately and as I got more comfortable with the community, I also felt welcomed by the businesses and restaurants in the Village. I love the small town feel. I love how you walk the Village and see your neighbors enjoying the shops or having a bite to eat, and I love how our community has embraced me as one of its Township Supervisors. Let's keep the great community spirit that we have in Skippack and shine a light on kindness and positivity. Let's keep this wonderful place we call home a place that everyone loves to visit!



Karen Lynch

What I love is that from where I live, I can easily walk into town to visit our wonderful shops and restaurants!



Barbara McGinnis

I have been blessed to call Skippack my home for the last 36 years. Through those years I have established and built my business at Three Diamonds Stable and saw changes to areas of our community. This was one of the reasons I ran for Supervisor, to continue to keep the charm and history of Skippack balanced with new ideas. I'm proud that my colleagues and I have accomplished that and will continue to do so for the community.

SKIPPACK TOWNSHIP UPDATES

LOCAL LOVE FOR SKIPPACK

"Awesome stores to shop at." - Macie W.

"It is just the cutest town to walk through." - Chris M.

"PICKLEBALL" - Debbie D.

"Having beautiful parks that are always kept clean!" - Alicia C

"The BEST place to live." - Mike C.

"Great neighbors, Great restaurants, Great place all around." - Jay L.

"Walking into Town and having a good drink" - Jenna S.

"Awesome Trails" - Joyce V.

"4th of July Parade and Fireworks!" - Gemma D.

WWW.SKIPACKTOWNSHIP.ORG

Church Road Park Update

Exciting news! The playground at Church Road park has been replaced with all new equipment. It is now open to the public and complete, as our rock climbing boulder has now been installed! Go check it out and have some fun outdoors!



Reflective Road Signs Update

The public works are out replacing old road signs that have lost reflection ability over time for a fresh new look, keeping Skippack safe.



Construction Underway on Skippack Pike over Skippack Creek Bridge



Work has begun on PennDOT's Skippack Pike (S.R. 73) over Skippack Creek Bridge Replacement Project, located east of Evansburg Road and Forty Foot Road. The project will be built in three stages of construction, with one lane of traffic in each direction maintained. We highly advise that you use alternate routes and allow extra time when traveling in that area. For more information on the project, please visit PennDOT's website, www.pa.gov.



2024 Multimodal Grant Awarded for Traffic Improvements

We are excited to announce that Skippack Township has been awarded a \$250,000 Multimodal Transportation Fund grant from the Commonwealth to support improvements at the intersection of Skippack Pike (S.R. 73) and Bridge Road (S.R. 113) for better traffic flow and safety for our constituents. Chairman Paul Fox and the Board of Supervisors thank Representative Bradford and Senator Pennycuik for their support!



Increased Safety Measures for Pedestrians in Skippack Village

We are working to increase safety measures for pedestrians in Skippack Village along Skippack Pike, especially during busy events with crowded sidewalks. Our new message boards make motorists aware of events ahead so they have time to slow down. Know your speed signs also create awareness for motorists to decrease speed.



WWW.SKIPPAKTOWNSHIP.ORG

7

SKIPPAK TOWNSHIP EVENTS



Skippack was "lucky" enough to start the event season off early! We want to thank everyone who participated in our Leprechaun Scavenger Hunt! Congratulations to our photo winner - the Musselman family!

BINGO was a huge success! We appreciate the support of our Event Sponsors:

ANTHONY'S PIZZA OF SKIPPAK
SALORY'S PIZZA AND ICE CREAM
PIZZA VILLA



WWW.SKIPPAKTOWNSHIP.ORG

EASTER EGG HUNT

Another great year at our annual Easter Egg Hunt! Thank you to *The Farm, Howe, and Youth Complex* for allowing us to use their awesome facilities, and to *DCO*, one of our Township Sponsors, *Antonia Kozak Skippack* for donating some extra goodies for all our hunters, and *Sweet Rose's*, for donating our candy prize baskets! Smiling kids and great weather made for the perfect morning!



ELECTRONIC RECYCLING

We want to thank Responsible Recycling Services and all the Skippack residents for disposing of all your unwanted electronics and metal property! We were so happy to have a great turnout and are proud of our environmentally friendly township!



WWW.SKIPPAKTOWNSHIP.ORG 4

Skippack Township's 4th of July Celebration

Join us Friday, July 4th @ Palmer Park
Celebration begins at 6pm.



Music Food Trucks

Family Fun Fireworks

Thursday, June 5th 6-8 pm

Skippack Township Summer Concert Series

*Food Truck
Event is near the Grocery Rd. entrance
*FREE for all residents and guests



2025 Skippack Village Events

February	July	October
2025 Night Out, Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM	2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM	2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM
March	August	November
2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM	2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM	2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM
April	September	December
2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM	2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM	2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM
May	October	January
2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM	2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM	2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM
June	November	February
2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM	2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM	2025 Skippack Village 10:00 - 10:00 PM Free admission 2025 4/20 - 4/20 PM

WWW.SKIPPAKTOWNSHIP.ORG

Skipack Trail Improvement Project Underway



We are excited for continued improvements to be made on the Skipack Trail. Sections of the trail around Palmer Park are being reconstructed and repaved to provide a smoother surface.



Montco Trail Challenge

Get Started Today!

1. Register at montgomerycountypa.gov/trailchallenge
2. Print or pick-up a Montco Trail Challenge card.
3. Get out and go! Visit as many participating trails as you can.
4. Record your trail symbols and submit your results.

2025 Challenge
April 25 - December 1

New in 2025!
Twining Valley Park

MCPC

BICYCLE HAND AND ARM SIGNALS

- To signal a left turn, extend the left hand and arm horizontally.
- To signal a right turn, extend the right hand and arm horizontally, or extend your left hand and arm upward.
- To signal a stop or decrease in speed, extend the left hand and arm downward.



Learn more at www.PennDOT.gov/TravelInPA/RideaBike



WWW.SKIPACKTOWNSHIP.ORG

Skipack Emergency Medical Services

Hi there! We'd like to take this opportunity to introduce or reintroduce ourselves. We have been in Skipack since 1986, but not everyone has had an opportunity to meet us (honestly, that may not be such a bad thing). We are your friendly neighborhood EMS providers. Our main station is located on Mensch Road. We are a volunteer 501(c)(3) non-profit organization with volunteers and paid staff, available 24/7, answering 911 emergency calls for assistance. We also assist our local firefighters at incidents like motor vehicle accidents and house fires.

We offer other services to our community such as having an ambulance crew standing by at events like the fireworks, 5k races, motorcycle races, community fairs, equestrian events and helping Scout troops get their first aid badges. If you are planning an event, give us a call! We'd love to be involved.

We are always looking for people to be involved volunteering to our calls or help with management. Right now, we are especially looking for someone to help with Treasury Duties, finances and building maintenance, and would hope that there is someone in the community with past or present experience that would be willing to join our team.

Our annual subscription drive begins early August. This subscription drive is a big source of income each year. We rely on the generosity of our community to help us provide the best pre-hospital care. That generosity has benefits for those who contribute. In the unfortunate event that you do need to call us, we will waive whatever fees your insurance does not cover, after your deductible has been met. We also provide a discount for those who do not have insurance. We have multiple coverage tiers to fit any household situation.

We are not associated with any local fire departments. We responded to over 2800 calls for service last year. Please consider subscribing and help us continue our mission to provide the best pre-hospital emergency care to our neighbors. YOM

We can be reached at 4038 Mensch Rd, PO Box 39, Skipack, PA 19474 480-434-3665. Our website is www.skipackems.org. We are also on Facebook. We greatly appreciate the support from all of the residents in our area. We couldn't do what we do without you and your support!

Thank you!

Be Prepared - Tips from our Emergency Management Coordinator

In times of crisis, being prepared can make all the difference. Whether it's a natural disaster, severe weather event, or other unexpected emergency, having a solid emergency plan is essential for protecting yourself, your family and your community. With its close knit community and beautiful surroundings, Skipack Township is not immune to potential disasters, so it's vital residents take steps to prepare. Every household should have an emergency plan along with an emergency kit.

Skipack Township is also proactive in its emergency planning efforts. We are continually updating our Township Emergency Operations Plan and work with Montgomery County Emergency Management to ensure coordinated efforts during a disaster and emergencies.

While we hope that disasters never happen, it's always best to be prepared. In Skipack, our community's resilience depends on individual readiness and community action. Let's work together to make Skipack a safer place for all.

Skipack Township utilizes the Ready Montco Emergency Alert System. Sign up today at <https://www.montgomerycountypa.gov/331/ReadyMontco> to receive official time-sensitive notifications about emergencies, severe weather, crime alerts and disasters in your Township and surrounding areas.

You can also view more resources at <https://www.pa.gov/agencies/ready.html>.

12 WWW.SKIPACKTOWNSHIP.ORG



Safety Reminders

from Skiptack Fire Company

PROTECT YOUR HOME AND YOUR FAMILY

In 2024, over 25% of Skiptack Fire Company's dispatches were due to failing batteries or expired smoke and carbon monoxide alarms. Be sure to review the important information below, implement your fire plan, and make it a habit to check your home monthly to make sure alarms are functioning and fire extinguishers are full!

**TEST YOUR
ALARMS
MONTHLY!**

SMOKE DETECTORS

- Install one on every level and one in each bedroom.
- Replace every 10 years or when yellowed (see below).



Old, yellowed smoke detector that needs replacing



New smoke detector

CARBON MONOXIDE ALARMS

- Install one on every level of your home.
- Replace every 7 years.



- Don't store any flammable materials near a dryer, furnace, stove, or fireplace.

FIRE EXTINGUISHERS

- Be sure to keep in an easily accessible area.
- In an incident call 911 first!
- Use PASS:
Pull the pin
Aim at the base of the fire
Squeeze the handle
Sweep side to side



RESIDENTIAL KNOX BOXES

- KnoxBoxes are discreet, high-security key safes for emergency responders to access your home when you are unable to open the door or are not present.
- Contact us or check our website for more information.



HOME ESCAPE PLANS

- Draw a map of your home, including all doors and windows.
- Find 2 ways out of every room, and choose an outside meeting place in front of your home.
- Have the whole family regularly practice exiting the home via various routes and assembling at the meeting point.

DONATIONS APPRECIATED!



VOLUNTEER IN YOUR COMMUNITY!

We welcome members from all backgrounds and no experience is needed; basic and advanced training is provided at the station and at the Montgomery County Fire Academy. If you are interested in joining, our contacts are below, or stop by the station on a Thursday evening!

GET UPDATES ON FACEBOOK



SkiptackFire.com

610-284-9997

info@skiptackfire.com

Stormwater News

Summer Edition: Protecting Water Resources this Summer



Protecting our Streams and Creeks

Summer has arrived, ushering in longer days and warmer temperatures! Many of us prefer to beat the heat by engaging in activities in and around the water. Whether you enjoy swimming, kayaking, fishing, or simply appreciating the beauty of nature, clean water is essential for recreation and enjoyment. Here are some ways you can help maintain the cleanliness of our waterways this summer:



- **Minimize or eliminate the use of fertilizers, herbicides, and pesticides.** These lawn chemicals are significant contributors to nitrogen and phosphorus pollution, leading to toxic runoff.
- **Opt for native plants in your landscaping.** Using native vegetation helps reduce stormwater runoff and requires less watering and fertilization compared to non-native species.
- **Install a rain barrel.** Positioned at the base of a downspout, a standard rain barrel can capture 55-75 gallons of stormwater runoff from your rooftop, helping to mitigate flooding and erosion.



Supporting Wildlife this Summer

Summer offers a wonderful opportunity to engage with nature and appreciate the beauty of local wildlife. However, as caretakers of our environment, it's important to take measures to ensure the safety and wellbeing of the wildlife who call our area home.

- **Dispose of trash responsibly.** Outdoor activities and picnics tend to produce litter, which can pose risks to wildlife if not handled appropriately. Always take your trash with you or utilize designated trash bins.
- **Look before you mow.** Rabbits often create nests in shallow areas of yards, so inspecting for nests prior to mowing can prevent accidental harm to baby rabbits. Turtles are also frequently run over by mowers. Taking a brief stroll around your yard before mowing can help avoid any mishaps.
- **Be aware of water sources.** Water is vital for wildlife, particularly during the hot summer months. Ensure bird baths and other water sources are clean and accessible, and refrain from using chemicals or pesticides nearby.



Skipack Reopening SPRING 2025



Member TDC

Thank you to our 2025 Sponsors



SKIPACK TOWNSHIP

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Skipack, PA 19474

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All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or status as a protected veteran. H&K Group, Inc. encourages female and minority referrals for all positions.



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STORMWATER MANAGEMENT PROGRAM PUBLIC EDUCATION & OUTREACH PROGRAM

Skippack Township

Montgomery County, PA

4089 Heckler Rd.
Skippack, PA 19474

November 2025



CENTER FOR
**WATERSHED
PROTECTION**

Center for Watershed Protection, Inc.
11711 East Market Place, Suite 200, Fulton, MD 20759
www.cwp.org

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Appendix A- Education Topics and Distribution Methods by Target Audience Group

INTRODUCTION

Public Education and Outreach Programs (PEOP) are part of the National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Stormwater Management Program. The PEOP is required under the NPDES MS4 Permit, Minimum Control Measure (MCM) #1 Public Education and Outreach on Stormwater Impacts, Best Management Practice #1 develop, implement and maintain a written PEOP. Skippack Township has an NPDES MS4 Individual Permit (PA1130073) issued by the Pennsylvania Department of Environmental Protection (PA DEP).

The goal of the PEOP is to achieve measurable improvements in the target audience's understanding of the causes and impacts of stormwater pollution and the steps they can take to prevent it. The PEOP will be reviewed annually and updated as necessary, providing a guide for:

- Distributing educational materials to communities;
- Conducting outreach activities about the impacts of stormwater discharges on water quality; and
- Providing actions for the public to reduce stormwater pollution.

Outreach, education and engagement of the public are essential and important elements of a successful MS4 program. Each resident, developer, school, municipal employee and business owner/operator has a role in reducing stormwater impacts surrounding their home and/or facilities and each citizen has a voice in how their community should grow and develop in the future. By successfully identifying the stakeholder groups, distributing materials, and involving the public in local stormwater activities, the Township will have an educated community to help improve water quality. The annual goals for the Township are provided in Table 7.

TARGET AUDIENCES

The target audience groups for the PEOP include the public, all property owners, businesses, organizations and operators within the Township. Specific target audiences indicated by this program include residents, homeowner associations, students/student activity groups, community groups, environmental groups, businesses, Township officials and staff, utility companies, and contractors/developers. These organizations should be targeted to provide education on the causes and impacts of stormwater pollution on their community, as well as actions to take on their own properties to manage stormwater pollution. Appendix A is a supplement to this section as it identifies education topics and distribution methods for education materials for each target audience group.

RESIDENTS

Skippack Township occupies a total of 13.9 square miles, 4,214 housing units, and a population of 14,443 (2023 Census data¹).

Many of the residential lots in these areas are likely to be served by stormwater infrastructure such as subsurface pipes, curbed streets, and inlets. Residential education is necessary to make the connection between residential activities and behaviors and the impact on water quality. Township residents will be targeted for educational material that raises awareness about reducing stormwater runoff and pollution from residential practices.

Specific residential outreach topics include:

- An understanding of stormwater runoff, how it is created, residential activities that affect water quality, and how the storm drain system functions.
- Best Management Practices regarding lawn maintenance, fertilizer and pesticide application, pet waste pickup, vehicle maintenance including proper disposal of spent oil, discharge of pool water and application and storage of salt and other de-icers.

HOMEOWNERS ASSOCIATIONS/HOUSING COMPLEXES

Homeowners Associations (HOAs) and housing complexes are unique as they act as individual governing entities smaller than their municipality. They provide an opportunity to efficiently reach residents through HOA Board Meetings, newsletters, and neighborhood social media pages. HOAs and housing complexes are typically responsible for maintaining stormwater management facilities on their property and could benefit from the education and outreach associated with MS4 MCMs.

Specific HOA and housing complex outreach topics include:

- An understanding of how to implement green stormwater infrastructure on their properties and understand the importance of environmental improvements to the community
- General workshops and trainings targeting topics such as rain barrels and/or rain gardens installation, pollution prevention, and stormwater BMP operations and maintenance

SCHOOLS/STUDENT ACTIVITY GROUPS

The Perkiomen Valley School District serves Skippack Township, the Boroughs of Collegeville, Trappe, Schwenksville and the Townships of Lower Frederick, Perkiomen,

¹ Census Reporter, Skippack Township, Montgomery County, Pennsylvania (censusreporter.org)

and Skippack in Montgomery County. The School District has four elementary schools, two middle schools and one high school. Only one school is located in the Township:

- Skippack Elementary, 4081 Heckler Road, Collegeville, PA 19426

Schools, school clubs, and student activity groups such as Boy Scouts and Girl Scouts can be targeted for educational material and engagement activities related to stormwater management. Students of all ages can benefit from stormwater educational material such as worksheets, puzzles, and other engaging activities and materials to teach students how to have a role in keeping local waterways clean. In addition, working with students provides access to a wider audience including teachers, parents and administrators who live in the surrounding community.

COMMUNITY GROUPS

Community groups regularly bring people together and can result in a wide distribution of information on the impacts of stormwater runoff. Local organizations focused on community outreach and community building share similar values for maintaining and improving the quality of local resources.

The Perkiomen Valley Public Library and the Farm, Home, and Youth Complex provide central locations to hold community events to engage the community and share MS4 education and outreach materials. While the library is not located within the Township boundary, it regularly hosts public events open to members of Skippack Township. The location of the library and Farm, Home, and Youth Complex are provided:

- Perkiomen Valley Public Library, 290 2nd Street, Schwenksville, PA 19473
- Farm, Home, and Youth Complex, 1015 Bridge Road, Collegeville, PA 19426

Community groups also include athletic groups, business groups such as the Skippack Township Business Association, places of worship, fire companies, senior services, and health support groups. A list of local sports organizations and youth sports organizations are maintained on the Township website (<https://skippacktownship.org/departments/parks-recreation/>). Some of these community groups may exist through online platforms and social media groups, which could offer an opportunity to spread stormwater education and outreach through digital means.

The Township is located within the Skippack Creek Watershed that flows into the larger Perkiomen Watershed and is a member of the Perkiomen Watershed Conservancy (PWC) that provides educational information, public outreach, and volunteer and educational events hosted by PWC. The main website is found at: www.perkiomenwatershed.org/.

MUNICIPAL OFFICIALS AND STAFF

The Township owns and maintains municipal offices and other buildings and properties. At each of these locations, there are opportunities to utilize proper operational practices to reduce impacts of stormwater pollution on local waterways.

Specific outreach topics for municipal officials and staff include:

- Proper stormwater pollution prevention practices at municipal buildings and community parks to help maintain water quality and provide a positive example to the public.
- Operations and Maintenance of municipal facilities must comply with MCM #6 Pollution Prevention/Good Housekeeping requirements and practices as required in the MS4 permit. These topics, including proper storage and disposal of materials, are covered by the Employee Training Programs, a requirement of MCM #6, Pollution Prevention and Good Housekeeping.

BUSINESSES

Businesses include commercial and industrial, and retail establishments that sell goods and/or offer services. It is important to include businesses within the MS4 Program for management and prevention of stormwater pollution as these properties have features such as parking lots, building footprints, and other impervious surfaces that contribute to stormwater runoff.

Specific outreach topics for businesses include:

- Proper disposal of oil, grease and washwater, connecting floor drains to the sewer system, other material storage and disposal and equipment/vehicular maintenance and cleaning.

UTILITIES

Utility companies for electricity, gas, etc. operate within the right-of-way in public roads where MS4 infrastructure is located. It is important for the utility crews that complete improvements and/or maintenance to understand the potential for stormwater pollution during construction activities and how to report an illicit discharge. Providing stormwater education information and resources for utility companies can help strengthen their relationship with the Township and establish a path of communication for pollution prevention.

CONTRACTORS AND DEVELOPERS

Contractors and developers work directly on construction sites where pollution prevention activities are common. They manage stormwater pollution from their site through practices that control erosion and sediment, manage on-site stormwater, and

other practices. There are opportunities to educate contractors about pollution prevention before construction begins, through the land development and building permit application processes. This education provides awareness of potential stormwater pollution activities and encourages best practices on construction sites.

METHODS OF REACHING TARGET AUDIENCE

The Township is required to distribute stormwater educational materials and/or information to at least two (2) groups of targeted audiences, noted above, utilizing a minimum of two (2) of the distribution methods per year provided below and described in Appendix A.

- Displays, posters, or signs
- Website and social media posts
- Newsletter articles
- Pamphlets, booklets, fact sheets, brochures, or other printed materials
- Radio, local cable television, or newspaper advertisements
- Newspaper articles
- Presentations, conferences, or meetings
- Storm drain stenciling, stream clean-up, and/or educational events

The Township currently educates target audiences by posting stormwater educational material on their stormwater webpage, Facebook page and their newsletter. PWC assists the Township in fulfilling MCM #1 PEOP goals by providing stormwater education materials outlined in this program.

This following section provides an overview of distribution methods for educational materials.

WEBSITES

Websites are a useful tool for sharing stormwater management information with the public. A website is a central location to post digital brochures and/or pamphlets, newsletters, presentations, meeting recordings, and resource links. The Township has a dedicated Stormwater Management webpage (<https://skippacktownship.org/information/stormwater-management>). Table 1 outlines the contents of the stormwater management webpage as well as website improvement goals for each.

Table 1. Skippack Township Stormwater Management Webpage

The Township Stormwater webpage (<https://skippacktownship.org/information/stormwater-management>) includes general information about stormwater, the MS4 program, MCM requirements, pollution prevention measures for construction professionals, illicit discharge explanation and hotline number, and links to additional online resources.

WEBSITE IMPROVEMENT GOALS

- General information provided on the webpage should be reviewed and updated regularly.
- Links on the website should be reviewed and updated regularly.
- As the Township produces or distributes stormwater educational material, digital versions of these resources can be shared on the website or social media.
- Include a link to the Perkiomen Watershed Conservancy (PWC) website www.perkiomenwatershed.org/
- Elaborate on the list of illicit discharge examples by including images and/or links to additional information on illicit discharge detection and pollution prevention practices.

SOCIAL MEDIA

Social media can be a useful tool for the Township to reach audiences online. Regular posts and online interactions are important in maintaining an online presence. Social media outlets can be useful in documenting shared resources as well as post interactions.

The Township's Facebook page includes posts about Council meetings, public meetings, general Township information, ordinance updates and stormwater events. Table 2 provides recommendations for social media improvement goals.

Table 2. Social Media Improvement Goals

- Regularly share information and events related to stormwater management and water quality on social media to raise awareness for these topics online.
- Tag targeted groups (the PWC, community organizations, business organizations, etc.) in social media posts to encourage more views and engagement.
- Provide informative social media posts geared towards seasonal stormwater practices to raise awareness on these topics.
- Encourage other business and community groups that organize stormwater or watershed related events to share their posts on the Township social media page to help spread awareness and potentially garner more interest in such events.
- When creating stormwater posts related to target audiences, link to their social media pages or websites to reach the intended audience and encourage post interaction.

PUBLICATIONS

Even with the rise of social media, printed materials and other publications can be effective methods of public education. Printed materials include brochures, flyers, posters, billboards or articles in a local newspaper or newsletter. Publications can be distributed through placing printed materials in community meeting places (i.e. library, municipal offices), through mailing inserts, or handouts at community events. Educational materials may also be published through online formats and distributed through email mailing lists, etc. The educational materials can contain illicit discharges detection and elimination information, notice of outfall or BMP inspections, general information about the Stormwater Management Program, and/or upcoming stormwater-related events.

As part of the Township's PWC Membership, the Township receives education and outreach material that can be shared in print or online. Table 3 lists goals to improve how stormwater management information is shared through printed and online publications.

Table 3. Publications Improvement Goals

- Consider including stormwater education material in the Township newsletters.
- Utilize municipal mailing lists to distribute stormwater management education materials to the community.
- Include stormwater education materials provided by PWC on the Township website and newsletter.

PERFORMANCE MEASURES

To measure the success of the PEO and evaluate the overall effectiveness of public education and outreach efforts, the Township should consider utilizing performance measures. The performance measures include but are not limited to:

- Create and circulate a survey among residents to measure knowledge on stormwater
- Tracking interactions with websites and social media pages
- Evaluating the accuracy of illicit discharge detection and reporting
- Tracking attendance at stormwater events

SURVEY

Providing a stormwater survey to the public and/or specific target audiences can offer valuable insights into how well the education and outreach program is working, provide feedback and suggestions on the program. A survey can be circulated by mail, posted on the Township website, provided through an email distribution list, or completed in person at a public event or meeting. Consider distributing a survey to coincide with recent educational campaigns. An example survey is provided in Table 4.

Table 4. Example Survey Questions**Multiple Choice Sample Questions (answers in blue):**

1. What is stormwater? Select all that apply.
 - a. Rain, snow, and snowmelt from a natural storm event.
 - b. Water from a precipitation event that soaks into the ground, runs off natural and man-made surfaces, and/or flows into storm sewers and other drainage facilities.
 - c. Runoff that may carry pollutants such as fertilizers, bacteria, sediment, or road salt into drainage facilities and waterways.
 - d. All of the above
2. Where do you think stormwater goes after it enters a storm drain? Select all that apply.
 - a. A sewage/wastewater treatment facility
 - b. A separate stormwater treatment facility
 - c. Nearby fields and yards
 - d. Nearby lakes and streams
3. What are potential causes of stormwater pollution? Select all that apply.
 - a. Excess lawn fertilizer
 - b. Using a dishwasher
 - c. Leaves and litter in a storm drain
 - d. Oil from vehicles and mechanical equipment
4. What is an illicit discharge? Select all that apply.
 - a. When a storm sewer pipe backs water up onto a street.
 - b. When a spill of oil, paint, or other chemicals enters a storm drain, pipe or ditch.
 - c. Any discharge to a municipal separate storm sewer that is not composed entirely of stormwater.
 - d. A natural stream flowing close to a storm sewer pipe outfall.
5. How did you learn about stormwater?
 - a. I have not learned about stormwater
 - b. Township website, newsletter, or Facebook page
 - c. School/Student Activity Group
 - d. News story online or in print
 - e. Through a non-profit watershed organization or volunteer activity
 - f. Other: _____

Short Answer Sample Questions:

6. What type of stormwater-related information are you interested in learning more about?
7. What type of workshop or event relating to stormwater management, pollution prevention, or water quality are you interested in attending?
8. Are there specific locations where you have experienced stormwater issues in your neighborhood?

Yes/No Sample Questions (Circle Yes or No):

9. Have you interacted with the Township Stormwater Management webpage? (Yes / No)
10. Have you seen advertisements for stormwater activities and events posted on the Township website or Facebook page? (Yes / No)
11. Do you know the difference between a Storm Sewer System and a Sanitary Sewer System? (Yes / No)

12. Are you interested in learning more about how to protect water quality in your community?
(Yes / No)

WEBSITE/SOCIAL MEDIA VIEW TRACKER

A website tracker can be a useful tool for measuring the effectiveness of the stormwater education and outreach program by providing insights into how visitors are engaging with the program's online content. A website tracker counts the number of visitors, page views, and/or sessions on a website. If there is an increase in website traffic after certain outreach campaigns or activities, this may indicate that the public is engaging with online resources.

The Township Facebook page measures interactions with posts through likes, shares, and comments. The Township can utilize these tools to assess if educational posts are successfully reaching audiences and measure their reactions. Targeting other related organizations such as the PWC BY tagging posts can increase the amount of traffic to educational posts.

EVENT ATTENDANCE

Tracking attendance at stormwater related events provides insight into how well the PEOP is engaging the community, raising awareness of stormwater issues, and inspiring action. Event attendance and participation is required by MCM#2, Public Involvement and Participation.

EDUCATIONAL MATERIAL SOURCES

Educational materials will be developed or obtained to increase the public's knowledge of stormwater issues and BMPs used to manage stormwater. Educational materials should address one or more of the MS4 six MCMs listed in the NPDES MS4 permit:

1. Public Education and Outreach
2. Public Involvement and Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Stormwater Runoff Control
5. Post-Construction Stormwater Management in New Development and Redevelopment
6. Pollution Prevention and Good Housekeeping

Through the partnership with the PWC, the Township receives stormwater education material. In addition, Table 5 provides a list of other organizations that offer resources for stormwater education available for free download on their websites.

Table 5. Organizations with Stormwater Educational Material

Organization Name	Website
Alliance for the Chesapeake Bay	https://www.allianceforthebay.org/
Chesapeake Stormwater Network	https://chesapeakestormwater.net/
Environmental Protection Agency (EPA)	http://epa.gov
Montgomery County, PA- Stormwater Management & Flooding	www.montgomerycountypa.gov/1738/Stormwater-Management-Flooding
Montgomery County Conservation District	montgomeryconservation.org/
Perkiomen Watershed Conservancy	www.perkiomenwatershed.org/
Pennsylvania Department of Environmental Protection (PA DEP)	https://www.dep.pa.gov/Business/Water/CleanWater/StormwaterMgmt/Stormwater/MCM/Pages/default.aspx
Penn State Extension, Master Watershed Steward Program	https://extension.psu.edu/programs/watershed-steward

STORMWATER EDUCATION TOPICS

The education and outreach program should provide a wide variety of stormwater related topics to educate the public on the impacts of their behaviors and actions on water quality. Each target audience will require a specific topic of interest unique to their needs. Table 6 provides general stormwater education topics for target audiences that includes the basics of stormwater, the NPDES MS4 permit, and how audiences can participate in stormwater topics. Additional targeted stormwater education and outreach topics are included in Appendix A.

Table 6. General Stormwater Topics

- The importance of clean stormwater to individual residents, the connection to local waterbody health and overall watershed health, along with the harmful effects of pollution.
- An overview of the NPDES MS4 permit.
- Local water quality pollutants generated from common behaviors (i.e., fertilizer use, litter, pet waste, motor oil, leaves, swimming pool discharges, etc.)
- Pollution reduction practices to address local pollutants (i.e., limit fertilizer use, prevent leaves from entering storm drains, proper trash and motor oil disposal, pet waste clean-up, etc.)
- Common Stormwater BMPs, such as basins, pervious pavement, subsurface infiltration beds, vegetated swales, rain gardens, downspout disconnection, wet ponds, etc.
- Stormwater BMPs available to be used on residential properties:
 - o Rain gardens to promote increased water filtration and infiltration
 - o Rain barrels to collect and reuse rainwater
 - o Disconnection of rooftop downspouts to vegetated area

ANNUAL GOALS

The Township is required to complete specific goals annually to meet the Minimum Control Measure #1 MS4 permit requirements. The MS4 permit requirements and minimum annual goals for compliance are provided in Table 7.

Table 7. NPDES MS4 Permit Requirements and Compliance Annual Goals for MCM #1. Public Education and Outreach

PERMIT REQUIREMENTS	MINIMUM COMPLIANCE GOAL
BMP #1 Develop, implement, and maintain a written PEOP.	Skippack Township has a written PEOP that is reviewed annually and revised as necessary.
BMP #2 Develop and maintain lists of target audience groups.	Skippack Township has a target audience list that is reviewed annually and updated as necessary (concurrently with PEOP revisions).
BMP #3 The permittee shall annually publish at least one issue of a newsletter, pamphlet, flyer, or website article that includes general stormwater educational information, a description of the Township's Stormwater Management Program (SWMP), and /or information about the Township's stormwater management activities. These publications should contain stormwater education information about the MCM's.	The Township will publish a minimum of one (1) of the following items annually: • Stormwater educational pamphlets/flyers • Stormwater article on the Township website or newsletter • Update, review, and maintain content on the stormwater management webpage The Township should also maintain communication with the PWC, and the Montgomery County Conservation District to help secure educational information shared by organizations to the broader community.
<i>Municipalities may go above and beyond the minimum compliance goal of one (1) publication annually by utilizing additional methods, above, and/or by publishing multiple newsletter articles, etc.</i>	
BMP #4 Distribute stormwater educational materials and/or information to the target audiences using a variety of distribution methods. The permittee must utilize at least two distribution methods annually.	The Township will distribute stormwater information to target audiences through two (2) of the following methods: • Posters hung in the Township building • Flyers/pamphlets for distribution in the Township building • Posting on the Township's website • Printing newspaper advertisements and newsletters
<i>Municipalities may go above and beyond the minimum compliance goal of two (2) distribution methods annually by utilizing additional methods, above, and/or by publishing multiple newsletter articles, etc.</i>	

ANNUAL MS4 STATUS REPORT

Skippack Township is required to submit an Annual MS4 Status Report on the Stormwater Management Program to PA DEP by September 30th of each permit year. The Annual MS4 Status Report documents the annual MCM accomplishments including the MCM #1 PEOP. The Annual MS4 Status Reports should be made available to the public by request at each Township Administration Office.



APPENDIX A

EDUCATION TOPICS & DISTRIBUTION METHODS

Skippack Township

Montgomery County, PA

4089 Heckler Rd.
Skippack, PA 19474

November 2025



CENTER FOR
**WATERSHED
PROTECTION**

Center for Watershed Protection, Inc.
11711 East Market Place, Suite 200, Fulton, MD 20759
www.cwp.org

APPENDIX A.
STORMWATER EDUCATION AND OUTREACH TOPICS AND
DISTRIBUTION METHODS BY TARGET AUDIENCE GROUP

RESIDENTS	EDUCATION TOPICS - Function of storm sewer systems, where they drain, etc. - Negative impacts of dumping substances or materials on waterways - Common pollutants information and basic pollution prevention - Best management practices for lawn fertilization - Pet waste management - Swimming pool dewatering - Car washing - Winter salt application - Illicit Discharge reporting - Rain barrels and rain gardens DISTRIBUTION METHODS - Include stormwater information in new homeowner's packet and stormwater bills. - Share information via the Skippack Township website and social media page - Share information via the Skippack Township newsletter. - Share flyers, brochures, and/or informational posters at the Township office or on public bulletin boards, at the library, etc.
HOMEOWNERS ASSOCIATIONS	EDUCATION TOPICS - Pollution Prevention - Stormwater best management practices (BMP) operations and maintenance. - Residential pollution prevention education topics (see above). DISTRIBUTION METHODS - Distribute educational materials directly to Homeowners' Associations (HOAs) that can be communicated at their Board Meetings. - Share stormwater management content with HOAs so that they can share it directly through their community social media. - Offer publications, pamphlets, flyers to be posted in HOA community spaces.
SCHOOLS/STUDENT ACTIVITY GROUPS	TARGET GROUPS - Skippack Elementary - Evergreen Elementary - Perkiomen Middle School Middle School West - Perkiomen Middle School East - Perkiomen Valley High School - School clubs, activity clubs, school community groups, and Boy Scouts and Girl Scouts.

**APPENDIX A.
STORMWATER EDUCATION AND OUTREACH TOPICS AND
DISTRIBUTION METHODS BY TARGET AUDIENCE GROUP**

	EDUCATION TOPICS - General information on watersheds and local waterways. - Function of storm sewer systems, where they drain, etc. - Common pollutants information and basic pollution prevention. - Pet waste management. DISTRIBUTION METHODS - Distribute educational material to the school/district website and school newspapers. - Field trips and/or outdoor classroom activities. - Club and student participation in stormwater events, other stormwater volunteer events and activities hosted by the Township, or other organizations.
COMMUNITY GROUPS	TARGET GROUPS - Farm, Home, and Youth Complex - Perkiomen Valley Public Library - Skippack Township Business Association - Locally organized athletic groups, business groups, community groups and services, fire companies, senior services, etc.
	EDUCATION TOPICS - Refer to Residential Education Topics, above.
	DISTRIBUTION METHODS - Invitation and participation in watershed cleanups - Share stormwater management content with community groups so it can be shared directly to their community social media pages - Offer publications, pamphlets, flyers to be available at group events.
MUNICIPAL OFFICIALS AND STAFF	EDUCATION TOPICS - Proper operation and maintenance practices at Township facilities to reduce potential pollution (Pollution Prevention and Good Housekeeping principles from MS4 Minimum Control Measure #6) - MS4 general information - Illicit Discharge reporting - Inform Township staff when changes or reviews are made to stormwater programs and plans
	DISTRIBUTION METHODS - Provide staff with a link to updated stormwater programs and plans through email. - Share updates to stormwater regulations with staff members and municipal officials using email or printed publication in office spaces. - Invite municipal staff to attend stormwater training events and webinars.

APPENDIX A. STORMWATER EDUCATION AND OUTREACH TOPICS AND DISTRIBUTION METHODS BY TARGET AUDIENCE GROUP	
	- Share stormwater information on the Township website. - Post flyers, brochures, and/or informational posters for the public at Township office.
BUSINESSES	TARGET GROUPS Including but not limited to businesses that conduct: - Materials handling and/or materials storage (i.e. garden centers, topsoil distribution, landscape maintenance companies, tire recycling); - Equipment/vehicular maintenance and cleaning (i.e. car washes, pressure washing companies, auto-motive/equipment repair) - Industrial processing (i.e. fabricators, manufacturers) - Pet boarding and/or grooming - Businesses operating with large impervious surfaces (roof area, parking lots) - Businesses operating near water resources or near stormwater infrastructure - Colonial Business Association
	EDUCATION TOPICS - General watershed information and storm sewer systems including where they drain, etc. - Impacts of cleaners, chemicals, and other types of process liquids from businesses on waterways and the storm sewer system - Impacts that sediment and other materials have on waterways and the storm sewer system - Pollution prevention practices - Stormwater best management practices (BMP) operations and maintenance - Winter salt application - Illicit Discharge reporting
	DISTRIBUTION METHODS - Target similar businesses or industries with stormwater material specific to their practices and potential for pollution. - Share pamphlets, brochures, other printed publications directly to businesses. - Include stormwater information in new business packet, stormwater bills, and/or other business-related mail. - Businesses can support municipal and/or watershed group efforts by displaying posters, distributing handouts, sponsoring stormwater events, etc.
UTILITIES	TARGET GROUPS - Water, electricity, and gas utility companies - Other utility companies that frequently work in and/or service the Township

**APPENDIX A.
STORMWATER EDUCATION AND OUTREACH TOPICS AND
DISTRIBUTION METHODS BY TARGET AUDIENCE GROUP**

	EDUCATION TOPICS - Illicit discharge reporting - General stormwater and pollution prevention educational material DISTRIBUTION METHODS - Maintain communication with other utility companies that frequently serve the area - Share information and notify of updates to plans, programs, and illicit discharge reporting systems
CONTRACTORS/ DEVELOPERS	EDUCATION TOPICS - Refer to Business Education Topics, above. DISTRIBUTION METHODS - Provide the participating municipalities with material to educate contractors throughout the building permit, preconstruction, and land development processes. - Share information through the Township website and social media page, and newsletter. - Update the Township Stormwater Management webpage as necessary.

**MUNICIPAL SEPERATE STORM SEWER SYSTEM
ANNUAL MS4 STATUS REPORT**



APPENDIX B

MCM#2 PUBLIC INVOLVEMENT AND PARTICIPATION PROGRAM

- Public Involvement and Participation Documentation
- Summary of Board of Supervisors Meeting Minutes
- Perkiomen Watershed Conservancy Stormwater Reduction Statistics Package
- Skippack Township Written Public Involvement and Participation Program

PUBLIC INVOLVEMENT AND PARTICIPATION DOCUMENTATION

May 12, 2026. Township Facebook post. The Township shared a Rain Barrel Workshop event.

Skippack Township, Pennsylvania
May 12 · 🌐

Come make your very own rain barrel at Skippack Township! 🌧️ 🛠️



PERKIOMEN
SKIPPACK TOWNSHIP
RAIN BARREL WORKSHOP

Learn how to build and install a rain barrel at home!
Join the Perkiomen Watershed Conservancy for a hands-on workshop where you'll assemble a rain barrel from start to finish and leave with a completed barrel ready for installation!

Rain barrels collect rain water from your downspout for reuse around your home, great for watering plants, cleaning yard equipment and more! This simple, sustainable solution helps conserve water and reduce stormwater runoff.

All materials and tools provided.
Each participant receives a 55-gallon hard plastic drum and step-by-step instruction.

DATE & TIME
Thursday, May 14, 2026
6:30 pm - 7:30 pm

LOCATION
Skippack Township Building
4089 Heckler Rd.
Skippack, PA 19474

COST
\$65.00 per rain barrel

REGISTER HERE
Learn more and register:
<https://www.perkiomewatershed.org/community-programs>



Thu, May 14

Perkiomen Watershed and Skippack Township Rain Barrel Workshop
4089 Heckler Road, Skippack, PA

☆ Interested

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📍 📞

April 22, 2026. Township Facebook Post. The Township shared a happy earth day post.



April 14, 2026. The Township Facebook Post. The Township shared a thank you to those that participated in the Perkiomen Stream Clean-up.





October 28, 2025. Township Facebook Post. The Township posted an event to plant trees at Lenape Park.



August 18, 2025. Township Facebook Post. The Township shared a lawn to garden workshop hosted by the Perkiomen Watershed Conservancy.

Skippack Township, Pennsylvania
Aug 18, 2025 · 🌐

Skippack Township,... is with Perkiomen Water...
Jul 17, 2025 · 🌐

Join us along with the Perkiomen Watershed Conservancy for Lawn to Garden Workshop! 🌻



PERKIOMEN
WATERSHED CONSERVANCY

SKIPPACK TOWNSHIP LAWN TO GARDEN WORKSHOP

ABOUT THE WORKSHOP
Join the Perkiomen Watershed Conservancy for an informative workshop exploring the many benefits of incorporating native plants into your landscape and the environmental costs of maintaining traditional turf lawns.

We'll cover strategies for reducing your lawn footprint and expanding native garden spaces, including tips on garden design, site preparation and choosing the right plants for your property.

Whether you're just starting or looking to expand your native garden, this workshop will equip you with the knowledge, resources and inspiration to create a more sustainable, habitat friendly garden.

DATE & TIME:
Wednesday, September 17th
6:30 pm - 7:30 pm

LOCATION:
Skippack Township Building
4019 Heckler Rd
Skippack, PA 19474

REGISTRATION OPTIONS:

- **With Plant Package (\$30)** - Includes 3 native Perkiomen plants to take home and plant in your yard.
- **Without Plant Package (FREE)** - Participate in the full workshop without receiving plants.

REGISTER & LEARN MORE:



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July 23, 2025. Township Facebook Post. The Township shared a free shred event at the Norristown Area High School.

 **Rep. Matt Bradford** 
Jul 23, 2025 · 🌐

I'm teaming up with [Rep. Joe Webster](#) to host a free document shredding event THIS SATURDAY, July 26, from 9 a.m. to noon, at Norristown Area High School, 1900 Eagle Drive, Norristown.

Prevent identity theft and safely dispose of personal documents. All paper will be recycled and there is a limit of two boxes per household.

For more information, call my office at 610-222-3490 or Rep. Webster's office at 484-200-8263.

REP. MATT BRADFORD AND REP. JOE WEBSTER
ARE HOSTING A **FREE** DOCUMENT SHREDDING EVENT.

SHRED EVENT

9 A.M. TO 12 P.M.
SATURDAY, JULY 26 

**NORRISTOWN AREA
HIGH SCHOOL**

**1900 Eagle Drive
Norristown, PA 19401**

This event is for households only.
All paper will be recycled.
Limit two boxes per household.

Avoid identity theft and safely dispose of personal documents.

For more information, call Rep. Bradford's office at (610) 222-3490
or Rep. Webster's office at (484) 200-8263.

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SUMMARY OF BOARD OF SUPERVISORS MEETING MINUTES

June 10, 2026 – Tim Woodrow, Township Engineer, met with Beth Uhler to discuss the Cholet streambank floodplain.

April 8, 2026 – Alice Eastman, Township Manager, provided an update on the electronic recycling event and rain barrel workshop.

November 12, 2025 – Tim Woodrow, Township Engineer, provided a presentation of part 5 of his stormwater education series.

September 20, 2025 – Tim Woodrow, Township Engineer, provided a presentation of part 4 of his stormwater education series.

July 9, 2025 – Tim Woodrow, Township Engineer, provided a presentation on Stormwater quality.



Jessie Kemper
Director of Conservation
1 Skippack Pike, Schwenksville, PA 19473
jkemper@perkiomenwatershed.org
Phone 610.287.9383

Skippack Township Stormwater Reduction Statistics Package

The chart below shows the statistics for your municipality during the 2026 membership year:

Conservation Project	Site(s)	Number Municipal Volunteers	Municipal Volunteer Hours	Amount
Tree Plantings	1	41	82	75 trees planted
Stream Clean-up	6	51	153	29 bags of trash & 4 tires removed
Water Chestnut Removal	0	0	0	0 bags of EWC removed
Native Garden Installations	0	0	0	0 perennials planted
Community Stormwater Workshops	1	34	34	30 native plants given to residents & 17 rain barrels made
TOTALS	8	126	269	155

The chart below shows the statistics for the entire Perkiomen Watershed during the 2026 membership year:

Conservation Project	Site(s)	Number of Volunteers	Volunteer Hours	Total Amount
Tree Plantings	9	160	480	866 trees planted
Stream Clean-up	182	2,052	6,156	1,512 bags of trash removed
Water Chestnut Removal	1	50	1,600	200 bags of EWC removed
Native Garden Installations	1	20	80	500 native plants installed
Community Stormwater Workshops	13	118	118	51 rain barrels made 140 native plants given to residents
TOTALS	206	2,400	8,434	3,269



STORMWATER MANAGEMENT PROGRAM **PUBLIC INVOLVEMENT & PARTICIPATION PROGRAM**

Skippack Township
Montgomery County, PA

4089 Heckler Rd.
Skippack, PA 19474

December 2025



CENTER FOR
**WATERSHED
PROTECTION**

Center for Watershed Protection, Inc.
11711 East Market Place, Suite 200, Fulton, MD 20759
www.cwp.org

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INTRODUCTION

Public Involvement and Participation Programs (PIPP) are part of the National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) Stormwater Management Program (SWMP). The PIPP is required under the NPDES MS4 Permit, Minimum Control Measure (MCM) #2 Public Involvement and Participation, Best Management Practice #1 *Develop, implement and maintain a written PIPP*. Skippack Township (Township) has an NPDES MS4 Individual Permit issued by the Pennsylvania Department of Environmental Protection (PA DEP):

- Skippack Township NPDES Individual Permit PAI130073

The goal of the PIPP is to identify opportunities and regularly solicit public involvement and participation from the public to assist in the decision-making process associated with the development, implementation, and update of programs and activities related to the SWMP. The PIPP will be reviewed annually and updated as necessary providing a guide for:

- Compliance with applicable state and local public notice requirements,
- Identifying opportunities for the public to participate in the decision-making process associated with the development, implementation, and update of programs and activities related to the SWMP,
- Communicating regularly with watershed and environmental organizations that operate within the Township's regulated MS4 or surface waters and,
- Creating a space where the Township's Annual MS4 Status Reports and other NPDES MS4 information is available to the public on the Township website, at the Township building, or upon request.

Outreach, education and engagement of the public are essential and important elements of a successful MS4 program. In communities regulated by MS4 permits, each resident, developer, school, municipal employee and business owner/operator has a role in reducing stormwater impacts and each citizen has a voice in how their community should grow and develop in the future. By successfully identifying the stakeholder groups, distributing materials, and involving the public in local stormwater activities, the Township will have an educated community to help improve water quality.

TOWNSHIP-LED ACTIVITIES

The Township encourages public involvement and participation by providing the public with the opportunity to comment on the SWMP, stormwater ordinances, and participate in stormwater related activities. The Township uses participation and involvement to gain public support and garner community investment into the SWMP.

STORMWATER MANAGEMENT ORDINANCE

The Township adopted a stormwater management and grading ordinance (Chapter 172) on May 12, 2004 and amended on December 10, 2008 by ordinance No. 323. The purpose of this ordinance is to adopt prohibitions against non-stormwater discharges, erosion and sediment control requirements, requirements to address post-construction runoff from new development and redevelopment, including operation and maintenance of stormwater best management practices (BMPs) and sanctions to ensure compliance with such provisions. The Township's Stormwater Management Ordinance is available on eCode360 at <https://ecode360.com/6992071> for more details.

When adopting a new ordinance or amending a previous ordinance, the Township will follow the advertising and notice of intent requirements set forth by Pennsylvania General Assembly Second Class Township Code (1993 Act 69), Section 1601 which provides the opportunity for public review, input and feedback. A summary of the Township code and location where copies may be obtained or reviewed will be published online, or upon request no more than 60 days—no less than 7 days, prior to ordinance passage. Public hearings in which the proposed ordinances will be decided upon will also be advertised on the Township website and Facebook page. Dates of the notifications and feedback from the public will be documented.

PUBLIC INPUT

Prior to adoption, modification, or submission to PA DEP, the following documents will be advertised for public input per MS4 permit regulations:

- Stormwater Management Ordinances
- Pollutant Reduction Plans (PRPs)- The Township has a joint PRP reduction plan with municipalities within the Skippack Creek to achieve sediment and phosphorus reductions to meet the Skippack Total Maximum Daily Load (TMDL).

For ordinances, the public input process will include the following steps:

1. Provide opportunities for public comment,
2. Document and evaluate the public comments, and

3. Document responses to the comments prior to finalizing the Ordinance. The response document shall be kept on file with other Stormwater Management Plan (SWMP) documentation and may be requested by PA DEP.
4. Option to provide notice to the public through an advertisement per requirements of the Pennsylvania Municipalities Planning Code (MPC).

For PRPs, the public participation specific requirements in the permit Appendix D shall be followed and documented.

The Township's MS4 PRP is available upon request at the Township office. Stormwater ordinances are available through the Township website "Department" tab under "Administration." Other permit required plans, programs, maps and reports are available to the public upon request.

PUBLIC MEETINGS

The Township will primarily solicit public involvement and participation from target audience groups identified in the Public Education and Outreach Program (PEOP). Information related to the SWMP will be presented at public meetings or other events at least once every five-year permit period.

Prior to public meetings the public will be provided with advanced notice through posts on the Township website, Facebook page, a bulletin in the Township office, or by other acceptable means. When public presentations on the SWMP are held, the presentation should include a progress summary of the program, activities and accomplishments, and will solicit feedback from the public. This presentation will be documented and reported to PA DEP in the Annual MS4 Status Report.

Public meetings and notices are posted on the Township website's calendar (<https://www.skippacktownship.org/resources/calendar/>) as shown in Figure 1.

Figure 1. Township Calendar that includes public meetings and notices



TOWNSHIP WEBSITE

The Township's Stormwater Management Program website provides the public with an opportunity to review important MS4 related documentation including stormwater educational information and resources. A phone number is provided for reporting illicit discharges or illegal dumping into the storm sewer system. The Stormwater Management webpage is found through following this link (<https://www.skippacktownship.org/information/stormwater-management/>) or navigating to the webpage from the website homepage and selecting "Stormwater Management" from the "Information" dropdown menu.

The Township will regularly review and update the information and resource links on the Stormwater Management webpage. It would also be beneficial for the Township to provide links to recent and relevant MS4 documents on this webpage, such as MS4 Annual Reports and the PRP.

STORMWATER EDUCATIONAL ACTIVITIES

The Township will document and report instances of public participation and involvement during the MS4 reporting period. These activities may include:

- Participation in stormwater related Township activities
- Presentations by local watershed and/or conservation organizations

- Educational activities
- Riparian buffer/tree planting events
- Rain barrel workshops
- Lawn to meadow conversion workshops
- Rain garden workshops
- Stream (and other) clean-ups
- Citizen science efforts
- Storm drain stenciling

These activities are optional and not specifically required by the MS4 permit. The Township will partner with the Perkiomen Watershed Conservancy (PWC) to implement these activities each year as described in the 'Collaboration and Partnerships' section.

COMMUNITY EVENTS

Throughout the Township, organizations regularly host and participate in community events and programs. Due to their active engagement with the community, the integration of stormwater-related information into existing events is a viable option for public involvement and participation. Distribution of information can be as simple as handing out pamphlets, hosting an event table dedicated to stormwater, or creating an engaging activity for people to do as a stormwater topic is discussed.

Community events and programs include:

- Skippack Township Community Day
- Fall Festivals
- Movie in the Park events at Church Road Park
- Summer concerts
- Montco Trail Challenge
- Native plant, pollinator, and composting workshops and demonstrations
- Fourth of July events
- Easter egg hunt
- Paper Shredding Events and County Hazardous Waste Collection Events

When organizing or hosting a stormwater-related community event it is important to consider the type of audience likely to attend, as well as the type of event itself. The materials and activities provided should match the level of general understanding of stormwater topics that the audience are likely to possess. For example, events that are set up for children and families such as Movie Nights or Skippack Days could have activities geared towards children with relevant homeowner information to share with adults and parents. The participation of organizations such as the PWC at public events

such as Skippack Days can help share stormwater related information and encourage participation in events and activities.

For more hands-on or active participation events additional considerations to consider include:

- Seasonal timing and weather conditions
- Day of the week and time of day
- Accessibility of the location (including ADA access and safety on-site)
- Availability of parking or provide transportation to the event
- Clarity of directions and signage at the event (if necessary)
- Tools, materials, and equipment that may be needed/provided
- Level of physical activity required
- Incentives or take-home items, such as native plants, rain barrels or compost bins

Selecting an appropriate location and offering flexible participation options can improve turnout and inclusivity. All participation events should be documented, as part of the Township MS4 permit, including the name, date, location and type of event, estimated or recorded attendance, types of activities the public participated in, and feedback if applicable. If these events are hosted by organizations or groups other than the Township, this information should be shared to evaluate participation efforts and inform future public involvement efforts.

SURVEYS

The Township may solicit public input through surveys and questionnaires distributed at community events where educational tables or activity stations are set up. A sample survey is available in the PEOP written program. The Township should record attendance and collect contact information, including email addresses, at public events to request feedback, evaluate program effectiveness, and inform the public of future participation events.

TARGET AUDIENCES

Efforts shall be made to engage the following groups (identified in the PEOP) in the decision-making processes associated with the development, implementation, and update of the SWMP and activities. A summary of target audience groups and methods of communication is provided in Table 1.

Table 1. Target Audience Group Summary

TARGET AUDIENCE GROUPS	METHODS OF ROUTINE COMMUNICATION
- Residents - Homeowners Associations - Schools/Student Activity Groups - Community Groups - Township Officials and Staff - Businesses - Utilities - Contractors/Developers	- Township Website at: https://www.skippacktownship.org/ - Township Website, Stormwater Management Webpage at: https://www.skippacktownship.org/information/stormwater-management/ - Township Facebook Page - Seasonal Newsletters - Bulletins at the Township Office and community spaces - Brochures or Pamphlets about upcoming events sent to target group via email, mailing or sharing to groups social media page

COLLABORATIONS & PARTNERSHIPS

Leveraging partnerships is a key component of implementing a successful public involvement and participation program. The Township actively collaborates with neighboring municipalities in the region through shared community organizations, watershed organizations and other environmental groups. These collaborations help maximize resources, enhance public services, and promote regional sustainability, particularly in the areas of parks, recreation, and environmental stewardship. By coordinating with regional organizations and other community groups, the Township can improve cost efficiency, broaden community engagement, and help fulfill MS4 permit requirements. The entities the Township regularly partners with include the Perkiomen Watershed Conservancy. Township citizens can participate in events hosted by this organization for credit towards MCM #2 as long as their attendance and event information is shared with the Township.

PERKIOMEN WATERSHED CONSERVANCY

The Township partners with the Perkiomen Watershed Conservancy (PWC) for public education resources, public outreach, and volunteer events related to stormwater management and pollution prevention topics. The PWC also has a website (perkiomenwatershed.org/) and a Facebook page where events including volunteer events, educational and recreation events, public planning meetings, workshops, and webinars are advertised. PWC also hosts workshops, plant giveaways, and volunteer events for the Township through their partnership.

RELATED EVENTS HELD BY PARTNER ORGANIZATIONS

When a partnering organization hosts a stormwater related event, it would benefit the Township to advertise the event on their website and/or Facebook page to maximize

public participation. When events are held, it is important that the Township coordinates a sign-in sheet to track Township participation and involvement for stormwater topics and activities. This information is recorded as part of MCM #2 in the annual MS4 report.

RECOMMENDATIONS

The Township is encouraged to maintain active communication and collaboration with organizations and community groups to identify opportunities for partnership on stormwater public involvement and public participation (PIPP). When these organizations host events related to stormwater management or where stormwater activities can be included, the Township should promote the events through its website, social media platform, and other communication platforms to maximize public outreach and participation. To support MS4 MCM #2 tracking and annual reporting, it is important to collect Township participants sign-in or registration information at these events, ensuring that public involvement in stormwater-related activities is properly documented.

ANNUAL GOALS

The specific goals for MCM #2 PIPP to be completed annually to meet minimum MS4 permit requirements include the following BMPs.

BMP #1: Develop, implement, and maintain a written PIPP that describes various types of participation activities.

- This document serves as the written PIPP and will be reviewed annually and updated and revised, as necessary.

BMP #2: The permittee shall advertise and solicit public input for Stormwater Management Ordinances, Standard Operating Procedures (SOPs), and Pollutant Reduction Plans (PRPs).

- The Township will advertise and solicit public input for any ordinance or PRP revisions and/or updates.

BMP #3: Regularly solicit public involvement and participation from target audience groups to assist the public in their SWMP implementation and illicit discharge reporting. The permittee should also document instances of cooperation and public involvement activities.

ANNUAL REPORTING AND ACCOMPLISHMENTS

The Township is required to submit an Annual MS4 Status Report on the SWMP to PA DEP by September 30th of each permit year. PIPP accomplishments will be reported in the Annual MS4 Status Reports. These reports are available to the public by request at the Township municipal building.

**MUNICIPAL SEPERATE STORM SEWER SYSTEM
ANNUAL MS4 STATUS REPORT**



APPENDIX C

MCM #3 ILLICIT DISCHARGE DETECTION AND ELIMINATION

- Dry Weather Outfall Field Screening Results
- Skippack Township Illicit Discharge Detection and Elimination Program

Skippack Township 2026 Priority Area Outfall Dry Weather Outfall Field Screening Summary Table

Date of Dry Weather Outfall Field Screening: 08/25/2025

Outfall Number	Type	Pipe Type	Closed Pipe Shape	Pipe Diameter (in)	Flow Present?	Illicit Discharge Determination	2026 Dry Weather Field Screening Notes
	Outfall	RCP	Circular		No	Unlikely	Bottom of pipe joint broken out
OF-001	Outfall	PVC	Circular	8	No	Unlikely	Corrugated plastic pipe
OF-002	Outfall	RCP	Circular	24	No	Unlikely	Outfall in Very Good Condition
OF-003	Outfall	RCP	Circular	24	No	Unlikely	Very overgrown with vegetation
OF-004	Outfall	RCP	Circular	16	Yes	Unlikely	
OF-005	Outfall	PVC	Circular	18	No	Unlikely	
OF-006	Outfall	RCP	Circular	24	No	Unlikely	
OF-007	Outfall	RCP	Circular	36	No	Unlikely	
OF-008	Outfall	RCP	Circular	18	No	Unlikely	
OF-009	Outfall				No	Unlikely	Ditched
OF-010	Outfall	RCP	Circular		No	Unlikely	
OF-011	Outfall	RCP	Circular	18	No	Unlikely	
OF-012	Outfall	CMP	Circular		No	Unlikely	Effecting side of road
OF-013	Outfall	RCP	Circular	48	Yes	Unlikely	Trickle in water
OF-014	Outfall	RCP	Circular	18	No	Unlikely	Over growth of bushes
OF-015	Outfall	RCP	Circular		No	Unlikely	A lot of erosion around head wall and pipe
OF-016	Outfall	RCP	Circular	18	No	Unlikely	
OF-017	Outfall	RCP	Circular	12	No	Unlikely	Brush cleaned away — is this a state outflow?
OF-018	Outfall	RCP	Circular	42	No	Unlikely	Needs brush removed
OF-019	Outfall	Steel	Elliptical		No	Unlikely	State inlets, is this the townships
OF-020	Outfall		Circular	48	Yes	Unlikely	
OF-021	Outfall		Circular	24	No	Unlikely	Needs to be cleaned out so water can flow
OF-022	Outfall	PVC	Circular	12	No	Unlikely	
OF-023	Outfall	RCP	Circular	18	No	Unlikely	
OF-024	Outfall		Circular		No	Unlikely	On state road with state inlets only
OF-025	Outfall				No	Unlikely	Unable to find brush and downed trees on top
OF-026	Outfall				No	Unlikely	Unable to access property electronic fence
OF-027	Outfall		Circular	16	No	Unlikely	Needs attention
OF-030	Outfall	RCP	Circular	36	No	Unlikely	
OF-031	Outfall	RCP	Circular	24	No	Unlikely	
OF-032	Outfall	RCP	Elliptical,Circula	16	No	Unlikely	
OF-033	Outfall	RCP	Circular	16	No	Unlikely	
OF-034	Outfall	RCP	Circular	18	No	Unlikely	

Skippack Township 2026 Priority Area Outfall Dry Weather Outfall Field Screening Summary Table

Date of Dry Weather Outfall Field Screening: 08/25/2025

Outfall Number	Type	Pipe Type	Closed Pipe Shape	Pipe Diameter (in)	Flow Present?	Illicit Discharge Determination	2026 Dry Weather Field Screening Notes
OF-035	Outfall	RCP	Circular		No	Unlikely	
OF-036	Outfall	RCP	Circular	20	No	Unlikely	
OF-037	Outfall	RCP	Circular	36	No	Unlikely	Incorrect location
OF-039	Outfall	RCP	Circular	36	No	Unlikely	
OF-101	Outfall	RCP	Circular	18	No	Unlikely	
OF-102	Outfall	RCP	Circular	24	No	Unlikely	Water not draining properly under head wall
OF-103	Outfall	RCP	Circular	36	No	Unlikely	
OF-104	Outfall		Circular	28	No	Unlikely	
OF-105	Outfall	RCP	Circular	18	No	Unlikely	Cut brush back
OF-106	Outfall		Circular		No	Unlikely	Ponding nowhere for water to flow
OF-108	Outfall				No	Unlikely	
OF-109	Outfall	RCP	Circular	12	No	Unlikely	Needs to be cleaned up brush,
OF-110	Outfall	HDPE	Circular	12	No	Unlikely	
OF-111	Outfall	RCP	Circular		No	Unlikely	
OF-112	Outfall	RCP	Circular		No	Unlikely	
OF-113	Observation Point				No	Unlikely	No pipe noted. Just a swale
OF-114	Outfall	RCP	Circular	18	Yes	Unlikely	
OF-115	Outfall	RCP	Circular	18	No	Unlikely	
OF-116	Outfall	RCP	Circular	24	No	Unlikely	
OF-117	Outfall	RCP	Circular	10	No	Unlikely	
OF-119	Outfall	RCP	Circular	42	No	Unlikely	
OF-120	Outfall	RCP	Circular	16	No	Unlikely	
OF-121	Outfall	RCP	Circular	18	No	Unlikely	
OF-121	Outfall		Circular	18	No	Unlikely	Swale needs to be cleaned out
OF-123	Outfall	RCP	Circular	12	No	Unlikely	
OF-124	Outfall		Circular, Double	16	No	Unlikely	
OF-125	Outfall	Steel	Circular	24	Yes	Unlikely	Rusting galvanized pipe
OF-126	Outfall	RCP	Circular		No	Unlikely	
OF-126	Outfall	RCP	Circular	16	No	Unlikely	Filled With Sediment/ Needs attention
OF-131	Outfall	RCP	Circular	16	No	Unlikely	
OF-132	Outfall	PVC	Circular	16	No	Unlikely	Corrugated plastic pipe / needs attention
OF-133	Outfall	RCP	Circular		No	Unlikely	Needs brush cut back

Skippack Township 2026 Priority Area Outfall Dry Weather Outfall Field Screening Summary Table

Date of Dry Weather Outfall Field Screening: 08/25/2025

Outfall Number	Type	Pipe Type	Closed Pipe Shape	Pipe Diameter (in)	Flow Present?	Illicit Discharge Determination	2026 Dry Weather Field Screening Notes
OF-134	Outfall	RCP	Circular	42	No	Unlikely	Brush needs to be cut
OF-135	Outfall	RCP	Circular	18	No	Unlikely	Headwall separated from pice
OF-136	Outfall	Steel	Circular	36	No	Unlikely	
OF-140	Outfall	RCP	Circular	30	No	Unlikely	
OF-140	Outfall	RCP	Elliptical	36	No	Unlikely	2 pipes
OF-141	Outfall	RCP	Circular	16	No	Unlikely	
OF-142	Outfall	RCP	Circular	16	No	Unlikely	Needs attention
OF-145	Outfall	RCP	Circular	36	Yes	Unlikely	
OF-146	Outfall	RCP	Circular		No	Unlikely	
OF-147	Outfall	PVC	Circular	18	No	Unlikely	Corrugated plastic pipe



DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 14:49
Outfall Number:	Outfall/Observation Point: Outfall
Lat/Long: -75.441023, 40.200663	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open		Circular	28	In water: No
☒ Closed				With sediment:
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

1. Sample for the lab?	
2. If yes, collected from:	
3. Intermittent flow trap set?	
4. Flow trap type:	

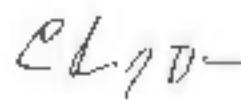
Any non-illicit discharge concerns?

Notes:

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:16
Outfall Number: OF-001	Outfall/Observation Point: Outfall
Lat/Long: -75.376357, 40.216848	Inspector(s): James Herb / Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	PVC	Circular	8 in	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

5. Sample for the lab?	
6. If yes, collected from:	
7. Intermittent flow trap set?	
8. Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

corrugated plastic pipe

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 11:08
Outfall Number: OF-002	Outfall/Observation Point: Outfall
Lat/Long: -75.400724, 40.227794	Inspector(s): James Herb/Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	24	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

9. Sample for the lab?	No
10. If yes, collected from:	N/A
11. Intermittent flow trap set?	
12. Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

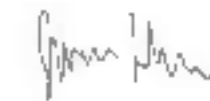
Outfall in Very Good Condition

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 10:57
Outfall Number: OF-003	Outfall/Observation Point: Outfall
Lat/Long: -75.401031, 40.225439	Inspector(s): James Herb/Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential, Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	RCP	Circular	24	In water: No With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

13. Sample for the lab?	
14. If yes, collected from:	
15. Intermittent flow trap set?	
16. Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

Very overgrown with vegetation

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 09:53
Outfall Number: OF-004	Outfall/Observation Point: Outfall
Lat/Long: -75.406109, 40.232666	Inspector(s): James Herb / Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Industrial
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	RCP	Circular	16	In water: Partially With sediment: Partially
In-stream? No				
Flow present? Yes				
Flow description (if present): Trickle				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine	0 ppm		Test Strip
pH	7 ppm	pH Units	Test strip/Probe
Ammonia	0 ppm	mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow? No

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

17. Sample for the lab?	
18. If yes, collected from:	
19. Intermittent flow trap set?	
20. Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

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james herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 09:41
Outfall Number: OF-005	Outfall/Observation Point: Outfall
Lat/Long: -75.436429, 40.24549	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	PVC	Circular	18	In water: No With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

21. Sample for the lab?	No
22. If yes, collected from:	N/A
23. Intermittent flow trap set?	
24. Flow trap type:	

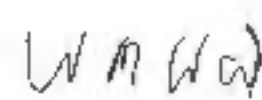
Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 09:56
Outfall Number: OF-006	Outfall/Observation Point: Outfall
Lat/Long: -75.437555, 40.250064	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	24	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

25. Sample for the lab?	No
26. If yes, collected from:	N/A
27. Intermittent flow trap set?	
28. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name

Signature

08/25/2025

Telephone Number

Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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Photo No. 3	Dry Weather Outfall Field Screening	08/25/2025
		



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 09:51
Outfall Number: OF-007	Outfall/Observation Point: Outfall
Lat/Long: -75.437764, 40.249873	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	36	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

29. Sample for the lab?	No
30. If yes, collected from:	N/A
31. Intermittent flow trap set?	
32. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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Photo No. 1	Dry Weather Outfall Field Screening	08/25/2025
		



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 08:17
Outfall Number: OF-008	Outfall/Observation Point: Outfall
Lat/Long: -75.446817, 40.249239	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	18	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



Skippack Township

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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

33. Sample for the lab?	No
34. If yes, collected from:	N/A
35. Intermittent flow trap set?	
36. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



Skippack Township

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 07:23
Outfall Number: OF-009	Outfall/Observation Point: Outfall
Lat/Long: -75.443792, 40.255343	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☒ Open ☐ Closed	Earthen		24 inch	In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

37. Sample for the lab?	No
38. If yes, collected from:	N/A
39. Intermittent flow trap set?	
40. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

ditched

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name

Signature

Telephone Number

08/25/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 07:57
Outfall Number: OF-010	Outfall/Observation Point: Outfall
Lat/Long: -75.4469, 40.247253	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material RCP	Shape Circular	Dimensions (in.)	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

41. Sample for the lab?	No
42. If yes, collected from:	N/A
43. Intermittent flow trap set?	
44. Flow trap type:	

Any non-illicit discharge concerns?

None

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name

Signature

08/25/2025

Telephone Number

Date



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Photo No. 1	Dry Weather Outfall Field Screening	08/25/2025
		



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 07:48
Outfall Number: OF-011	Outfall/Observation Point: Outfall
Lat/Long: -75.449936, 40.244865	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	RCP	Circular	18	In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

45. Sample for the lab?	No
46. If yes, collected from:	N/A
47. Intermittent flow trap set?	
48. Flow trap type:	

Any non-illicit discharge concerns?

No

Notes:

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Bill ward
Responsible Official Name

Signature

Telephone Number

08/25/2025
Date



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Photo No. 1	Dry Weather Outfall Field Screening	08/25/2025
		



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 07:31
Outfall Number: OF-012	Outfall/Observation Point: Outfall
Lat/Long: -75.443504, 40.255318	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material CMP	Shape Circular	Dimensions (in.)	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

49. Sample for the lab?	No
50. If yes, collected from:	N/A
51. Intermittent flow trap set?	
52. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

Effecting side of road

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Bill ward
Responsible Official Name

Signature

Telephone Number

08/25/2025
Date



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Photo No. 1	Dry Weather Outfall Field Screening	08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 12:41
Outfall Number: OF-013	Outfall/Observation Point: Outfall
Lat/Long: -75.415893, 40.225991	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	RCP	Circular	48	In water: No With sediment: No
In-stream? Yes				
Flow present? Yes				
Flow description (if present): Trickle				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow? Yes

Indicator	Description	Relative Severity
Odor		
Color	Clear	
Turbidity		
Floatables		Origin Clear



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

53. Sample for the lab?	No
54. If yes, collected from:	N/A
55. Intermittent flow trap set?	
56. Flow trap type:	

Any non-illicit discharge concerns?

No

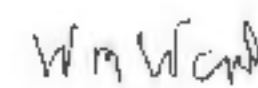
Notes:

Trickelin water

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:04
Outfall Number: OF-014	Outfall/Observation Point: Outfall
Lat/Long: -75.44952, 40.237674	Inspector(s):
Subwatershed:	Contributing Drainage Area Land Use: Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	RCP	Circular	18	In water: No With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

57. Sample for the lab?	No
58. If yes, collected from:	N/A
59. Intermittent flow trap set?	
60. Flow trap type:	

Any non-illicit discharge concerns?

No

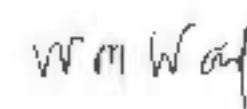
Notes:

Over growth of bushes

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:07
Outfall Number: OF-015	Outfall/Observation Point: Outfall
Lat/Long: -75.448382, 40.23655	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular		In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	Other Pipe disconnected from headwall
Deposits/Stains	
Abnormal Vegetation	Excessive
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

61. Sample for the lab?	No
62. If yes, collected from:	N/A
63. Intermittent flow trap set?	
64. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

A lot of erosion around head wall and pipe

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



Skippack Township

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:15
Outfall Number: OF-016	Outfall/Observation Point: Outfall
Lat/Long: -75.448593, 40.234807	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	RCP	Circular	18	In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

65. Sample for the lab?	No
66. If yes, collected from:	N/A
67. Intermittent flow trap set?	
68. Flow trap type:	

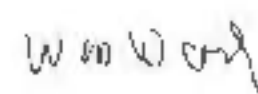
Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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Photo No. 1	Dry Weather Outfall Field Screening	08/25/2025
		



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 06:55
Outfall Number: OF-017	Outfall/Observation Point: Outfall
Lat/Long: -75.432206, 40.247607	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	RCP	Circular	12	In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

69. Sample for the lab?	No
70. If yes, collected from:	N/A
71. Intermittent flow trap set?	
72. Flow trap type:	

Any non-illicit discharge concerns?

No

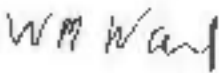
Notes:

Brush cleaned away — is this a state outflow?

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/26/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/26/2025



Skippack Township

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Skippack, PA 19474-0164

<https://www.skippacktownship.org/>



DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:58
Outfall Number: OF-018	Outfall/Observation Point: Outfall
Lat/Long: -75.447392, 40.20499	Inspector(s):
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	42	In water: No
☒ Closed				With sediment: No
In-stream? Yes				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	Spalling, cracking, chipping
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

73. Sample for the lab?	No
74. If yes, collected from:	N/A
75. Intermittent flow trap set?	
76. Flow trap type:	

Any non-illicit discharge concerns?

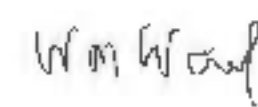
Notes:

Needs brush removed

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. S 4904 (relating to unsworn falsification).

Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



Skippack Township

4089 Heckler Road
Skippack, PA 19474-0164

<https://www.skippacktownship.org/>

Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 07:31
Outfall Number: OF-019	Outfall/Observation Point: Outfall
Lat/Long: -75.447636, 40.199852	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	Steel	Elliptical		In water: No
☒ Closed				With sediment: No
In-stream? Yes				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

77. Sample for the lab?	
78. If yes, collected from:	
79. Intermittent flow trap set?	
80. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

State inlets, is this the townships

RESPONSIBLE OFFICIAL CERTIFICATION

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/26/2025

Date



Skippack Township

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 14:16
Outfall Number: OF-020	Outfall/Observation Point: Outfall
Lat/Long: -75.444019, 40.200546	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open		Circular	48	In water: No
☒ Closed				With sediment: No
In-stream? Yes				
Flow present? Yes				
Flow description (if present): Trickle				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow? No

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	Excessive
Poor pool quality	Colors

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

81. Sample for the lab?	
82. If yes, collected from:	
83. Intermittent flow trap set?	
84. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



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<https://www.skippacktownship.org/>



DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 14:42
Outfall Number: OF-021	Outfall/Observation Point: Outfall
Lat/Long: -75.442307, 40.199702	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material	Shape Circular	Dimensions (in.) 24	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	Excessive
Poor pool quality	Excessive algae, Other Duckweed and trees

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

85. Sample for the lab?	No
86. If yes, collected from:	N/A
87. Intermittent flow trap set?	
88. Flow trap type:	

Any non-illicit discharge concerns?

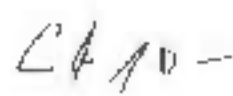
Notes:

Needs to be cleaned out so water can flow

RESPONSIBLE OFFICIAL CERTIFICATION

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



Skippack Township

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 14:37
Outfall Number: OF-022	Outfall/Observation Point: Outfall
Lat/Long: -75.44098, 40.197777	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	PVC	Circular	12	In water: No
☒ Closed				With sediment: No
In-stream? Yes				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

89. Sample for the lab?	No
90. If yes, collected from:	N/A
91. Intermittent flow trap set?	
92. Flow trap type:	

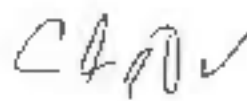
Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 07:52
Outfall Number: OF-023	Outfall/Observation Point: Outfall
Lat/Long: -75.43871, 40.199948	Inspector(s):
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	18	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

93. Sample for the lab?	No
94. If yes, collected from:	N/A
95. Intermittent flow trap set?	
96. Flow trap type:	

Any non-illicit discharge concerns?

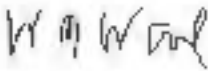
No

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/26/2025

Date



Skippack Township

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Photo No. 1	Dry Weather Outfall Field Screening	08/26/2025
		



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 08:35
Outfall Number: OF-024	Outfall/Observation Point: Outfall
Lat/Long: -75.430535, 40.199591	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed		Circular		In water: With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

97. Sample for the lab?	
98. If yes, collected from:	
99. Intermittent flow trap set?	
100. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

On state road with state inlets only

RESPONSIBLE OFFICIAL CERTIFICATION

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/26/2025

Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/26/2025



Skippack Township
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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 08:21
Outfall Number: OF-025	Outfall/Observation Point: Outfall
Lat/Long: -75.429956, 40.195012	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☐ Closed				In water: With sediment:
In-stream?				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

101.	Sample for the lab?	
102.	If yes, collected from:	
103.	Intermittent flow trap set?	
104.	Flow trap type:	

Any non-illicit discharge concerns?

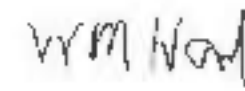
Notes:

Unable to find brush and downed trees on top

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/26/2025

Date



Skippack Township

4089 Heckler Road
Skippack, PA 19474-0164

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 08:09
Outfall Number: OF-026	Outfall/Observation Point: Outfall
Lat/Long: -75.431907, 40.189141	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☐ Closed				In water: With sediment:
In-stream?				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

105.	Sample for the lab?	
106.	If yes, collected from:	
107.	Intermittent flow trap set?	
108.	Flow trap type:	

Any non-illicit discharge concerns?

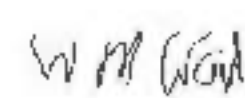
Notes:

Unable to access property electronic fence

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/26/2025

Date



Skippack Township

4089 Heckler Road
Skippack, PA 19474-0164

<https://www.skippacktownship.org/>



DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 08:04
Outfall Number: OF-027	Outfall/Observation Point: Outfall
Lat/Long: -75.417506, 40.200059	Inspector(s): JH/AC
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open		Circular	16	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



Skippack Township

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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	Excessive
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

109.	Sample for the lab?	
110.	If yes, collected from:	
111.	Intermittent flow trap set?	
112.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

needs attention

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number


Signature

08/26/2025
Date



Skippack Township
4089 Heckler Road
Skippack, PA 19474-0164
<https://www.skippacktownship.org/>

Photo No. 1

Dry Weather Outfall Field Screening

08/26/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/26/2025



Skippack Township

4089 Heckler Road

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 07:05
Outfall Number: OF-030	Outfall/Observation Point: Outfall
Lat/Long: -75.2245, 40.0405	Inspector(s): JH/AC
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material RCP	Shape Circular	Dimensions (in.) 36	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



Skippack Township

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Skippack, PA 19474-0164

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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

113.	Sample for the lab?	No
114.	If yes, collected from:	N/A
115.	Intermittent flow trap set?	
116.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

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. S 4904 (relating to unsworn falsification).

James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature
08/26/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/26/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/26/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 06:53
Outfall Number: OF-031	Outfall/Observation Point: Outfall
Lat/Long: -75.42014, 40.21287	Inspector(s): JH/AC
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	24 in	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

117.	Sample for the lab?	
118.	If yes, collected from:	
119.	Intermittent flow trap set?	
120.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herb
Responsible Official Name

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Telephone Number



Signature
08/26/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/26/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/26/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 06:46
Outfall Number: OF-032	Outfall/Observation Point: Outfall
Lat/Long: -75.420415, 40.214097	Inspector(s): JH/AC
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Elliptical, Circular	16in	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

121.	Sample for the lab?	Yes
122.	If yes, collected from:	
123.	Intermittent flow trap set?	
124.	Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herb
Responsible Official Name

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Telephone Number



Signature

08/26/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/26/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/26/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 06/05/2025	Time Inspected: 08:27
Outfall Number: OF-033	Outfall/Observation Point: Outfall
Lat/Long: -75.416561, 40.217099	Inspector(s): James Herb
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Open Space, Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	16	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

125.	Sample for the lab?	No
126.	If yes, collected from:	N/A
127.	Intermittent flow trap set?	
128.	Flow trap type:	

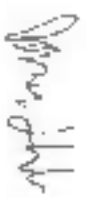
Any non-illicit discharge concerns?

None

Notes:

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James Herb Responsible Official Name	
(610)-636-1593 Telephone Number	Signature 06/05/2025 Date



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Photo No. 1

Dry Weather Outfall Field Screening

06/05/2025



Photo No. 2

Dry Weather Outfall Field Screening

06/05/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:29
Outfall Number: OF-034	Outfall/Observation Point: Outfall
Lat/Long: -75.378874, 40.214615	Inspector(s): James Herb/Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	18in	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

129.	Sample for the lab?	No
130.	If yes, collected from:	N/A
131.	Intermittent flow trap set?	
132.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/04/2025	Time Inspected: 13:13
Outfall Number: OF-035	Outfall/Observation Point: Outfall
Lat/Long: -75.408447, 40.223518	Inspector(s): James Herb
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular		In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

133.	Sample for the lab?	No
134.	If yes, collected from:	N/A
135.	Intermittent flow trap set?	
136.	Flow trap type:	

Any non-illicit discharge concerns?

none

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/04/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/04/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/04/2025



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Photo No. 3	Dry Weather Outfall Field Screening	08/04/2025
		



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 14:10
Outfall Number: OF-036	Outfall/Observation Point: Outfall
Lat/Long: -75.409785, 40.216633	Inspector(s): James Herb / Andrew Coyne
Subwatershed: Perkiomen Creek	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	20	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

137.	Sample for the lab?	No
138.	If yes, collected from:	N/A
139.	Intermittent flow trap set?	
140.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herb
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(610)-636-1593
Telephone Number



Signature

08/25/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 07:14
Outfall Number: OF-037	Outfall/Observation Point: Outfall
Lat/Long: -75.422172, 40.204907	Inspector(s): JH/AC
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	36	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	Inhibited
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

141.	Sample for the lab?	
142.	If yes, collected from:	
143.	Intermittent flow trap set?	
144.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

incorrect location

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herbton
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/26/2025

Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/26/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/26/2025



Skippack Township

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 08:17
Outfall Number: OF-039	Outfall/Observation Point: Outfall
Lat/Long: -75.416729, 40.201393	Inspector(s): JH/AC
Subwatershed: Perkiomen	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material RCP	Shape Circular	Dimensions (in.) 36in	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

145.	Sample for the lab?	No
146.	If yes, collected from:	N/A
147.	Intermittent flow trap set?	
148.	Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/26/2025
Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/26/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/26/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 08:59
Outfall Number: OF-101	Outfall/Observation Point: Outfall
Lat/Long: -75.441118, 40.245334	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	RCP	Circular	18	In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

149.	Sample for the lab?	No
150.	If yes, collected from:	N/A
151.	Intermittent flow trap set?	
152.	Flow trap type:	

Any non-illicit discharge concerns?

No

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name

Signature

08/25/2025

Telephone Number

Date



Skippack Township

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Skippack, PA 19474-0164

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Photo No. 1	Dry Weather Outfall Field Screening	08/25/2025
		



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Skippack, PA 19474-0164
<https://www.skippacktownship.org/>



DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 09:20
Outfall Number: OF-102	Outfall/Observation Point: Outfall
Lat/Long: -75.440522, 40.250025	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	RCP	Circular	24	In water: No With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	Other Heafwall separated from pipe
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Obvious

Data Collection

153.	Sample for the lab?	No
154.	If yes, collected from:	N/A
155.	Intermittent flow trap set?	
156.	Flow trap type:	

Any non-illicit discharge concerns?

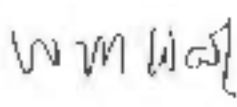
Notes:

Water not draining properly under head wall

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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Photo No. 3

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 07:10
Outfall Number: OF-103	Outfall/Observation Point: Outfall
Lat/Long: -75.41723, 40.22493	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material RCP	Shape Circular	Dimensions (in.) 36	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

157.	Sample for the lab?	No
158.	If yes, collected from:	N/A
159.	Intermittent flow trap set?	
160.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 07:35
Outfall Number: OF-105	Outfall/Observation Point: Outfall
Lat/Long: -75.447741, 40.199857	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	18	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

161.	Sample for the lab?	No
162.	If yes, collected from:	N/A
163.	Intermittent flow trap set?	
164.	Flow trap type:	

Any non-illicit discharge concerns?

No

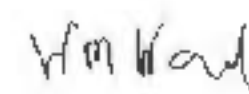
Notes:

Cut brush back

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/26/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/26/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 14:28
Outfall Number: OF-106	Outfall/Observation Point: Outfall
Lat/Long: -75.442371, 40.196443	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open		Circular		In water:
☒ Closed				With sediment: No
In-stream? Yes				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine	0		Test Strip
pH	7	pH Units	Test strip/Probe
Ammonia	0	mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

165.	Sample for the lab?	Yes
166.	If yes, collected from:	Pool
167.	Intermittent flow trap set?	No
168.	Flow trap type:	N/A

Any non-illicit discharge concerns?

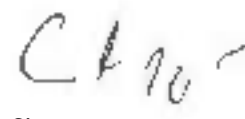
Notes:

Ponding nowhere for water to flow

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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Photo No. 1	Dry Weather Outfall Field Screening	08/25/2025
		



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:32
Outfall Number: OF-107	Outfall/Observation Point: Outfall
Lat/Long: -75.443142, 40.216733	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular		In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	Spalling, cracking, chipping
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

169.	Sample for the lab?	No
170.	If yes, collected from:	N/A
171.	Intermittent flow trap set?	
172.	Flow trap type:	

Any non-illicit discharge concerns?

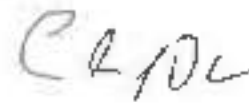
Notes:

Bottom of pipe joint broken out

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:38
Outfall Number: OF-108	Outfall/Observation Point: Outfall
Lat/Long: -75.442939, 40.21616	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open				In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	Excessive
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

173.	Sample for the lab?	
174.	If yes, collected from:	
175.	Intermittent flow trap set?	
176.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:30
Outfall Number: OF-109	Outfall/Observation Point: Outfall
Lat/Long: -75.44554, 40.216952	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	RCP	Circular	12	In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

177.	Sample for the lab?	No
178.	If yes, collected from:	N/A
179.	Intermittent flow trap set?	
180.	Flow trap type:	

Any non-illicit discharge concerns?

No

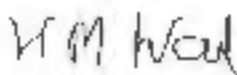
Notes:

Needs to be cleaned up brush,

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 08:36
Outfall Number: OF-110	Outfall/Observation Point: Outfall
Lat/Long: -75.447618, 40.248185	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material HDPE	Shape Circular	Dimensions (in.) 12	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

181.	Sample for the lab?	No
182.	If yes, collected from:	N/A
183.	Intermittent flow trap set?	
184.	Flow trap type:	

Any non-illicit discharge concerns?

No

Notes:

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Bill ward
Responsible Official Name

Signature

Telephone Number

08/25/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 10:30
Outfall Number: OF-111	Outfall/Observation Point: Outfall
Lat/Long: -75.423521, 40.243157	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular		In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

185.	Sample for the lab?	No
186.	If yes, collected from:	N/A
187.	Intermittent flow trap set?	
188.	Flow trap type:	

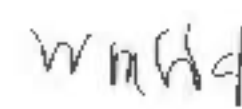
Any non-illicit discharge concerns?

Notes:

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

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Photo No. 1	Dry Weather Outfall Field Screening	08/25/2025
		



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 10:33
Outfall Number: OF-112	Outfall/Observation Point: Outfall
Lat/Long: -75.423464, 40.242148	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular		In water: No
☒ Closed				With sediment: No
In-stream? Yes				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

189.	Sample for the lab?	
190.	If yes, collected from:	
191.	Intermittent flow trap set?	
192.	Flow trap type:	

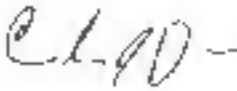
Any non-illicit discharge concerns?

Notes:

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Chris Dolan
Responsible Official Name


Signature

Telephone Number

08/25/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 10:21
Outfall Number: OF-113	Outfall/Observation Point: Observation Point
Lat/Long: -75.411144, 40.238242	Inspector(s): James Herb - Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☒ Open ☐ Closed	Earthen	Other		In water: With sediment:
In-stream?				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

193.	Sample for the lab?	
194.	If yes, collected from:	
195.	Intermittent flow trap set?	
196.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

No pipe noted. Just a swale

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. S 4904 (relating to unsworn falsification).

James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025
Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/04/2025	Time Inspected: 13:41
Outfall Number: OF-114	Outfall/Observation Point: Outfall
Lat/Long: -75.40657, 40.222707	Inspector(s):
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material RCP	Shape Circular	Dimensions (in.) 18	Submerged In water: No With sediment: Partially
In-stream? Yes				
Flow present? Yes				
Flow description (if present): Trickle				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine	10 ppm		Test Strip
pH	5	pH Units	Test strip/Probe
Ammonia	7	mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow? No

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

197.	Sample for the lab?	
198.	If yes, collected from:	
199.	Intermittent flow trap set?	
200.	Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/04/2025

Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/04/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/04/2025



Skippack Township

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Photo No. 3	Dry Weather Outfall Field Screening	08/04/2025
		



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:55
Outfall Number: OF-115	Outfall/Observation Point: Outfall
Lat/Long: -75.406749, 40.215956	Inspector(s): James Herb / Andrew Coyne
Subwatershed: Perkiomen watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	18	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

201.	Sample for the lab?	
202.	If yes, collected from:	
203.	Intermittent flow trap set?	
204.	Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:49
Outfall Number: OF-116	Outfall/Observation Point: Outfall
Lat/Long: -75.404831, 40.216315	Inspector(s): James Herb/ Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	24in	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

205.	Sample for the lab?	No
206.	If yes, collected from:	N/A
207.	Intermittent flow trap set?	
208.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:41
Outfall Number: OF-117	Outfall/Observation Point: Outfall
Lat/Long: -75.402151, 40.215087	Inspector(s): James Herb /Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	10	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

209.	Sample for the lab?	No
210.	If yes, collected from:	N/A
211.	Intermittent flow trap set?	
212.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 09:16
Outfall Number: OF-119	Outfall/Observation Point: Outfall
Lat/Long: -75.1204, 40.0351	Inspector(s): James Herb , Andrew Coyne
Subwatershed: Perkiomen WaterShed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	42	In water: Partially
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	Other, Excessive vegetation growing in opening/preventing flow/drain
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

213.	Sample for the lab?	
214.	If yes, collected from:	
215.	Intermittent flow trap set?	
216.	Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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james herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature
08/25/2025
Date



Skippack Township
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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 09:36
Outfall Number: OF-120	Outfall/Observation Point: Outfall
Lat/Long: -75.408799, 40.232262	Inspector(s): James Herb & Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	16	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

217.	Sample for the lab?	
218.	If yes, collected from:	
219.	Intermittent flow trap set?	
220.	Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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james herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025
Date



Skippack Township

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Skippack, PA 19474-0164

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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 10:41
Outfall Number: OF-121	Outfall/Observation Point: Outfall
Lat/Long: -75.416628, 40.244748	Inspector(s): James Herb / Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	RCP	Circular	18	In water: No With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

221.	Sample for the lab?	
222.	If yes, collected from:	
223.	Intermittent flow trap set?	
224.	Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herb
Responsible Official Name

(610)-646-1593
Telephone Number

Signature

08/25/2025
Date



Skippack Township
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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



Skippack Township

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 10:59
Outfall Number: OF-121	Outfall/Observation Point: Outfall
Lat/Long: -75.377098, 40.221369	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open		Circular	18	In water: No
☒ Closed				With sediment:
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



Skippack Township

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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

225.	Sample for the lab?	No
226.	If yes, collected from:	N/A
227.	Intermittent flow trap set?	
228.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

Swale needs to be cleaned out

RESPONSIBLE OFFICIAL CERTIFICATION

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



Skippack Township

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Skippack, PA 19474-0164

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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



Skippack Township
4089 Heckler Road
Skippack, PA 19474-0164
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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 10:57
Outfall Number: OF-123	Outfall/Observation Point: Outfall
Lat/Long: -75.380008, 40.218581	Inspector(s):
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material RCP	Shape Circular	Dimensions (in.) 12	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

229.	Sample for the lab?	No
230.	If yes, collected from:	N/A
231.	Intermittent flow trap set?	
232.	Flow trap type:	

Any non-illicit discharge concerns?

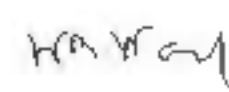
Brush

Notes:

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. S 4904 (relating to unsworn falsification).

Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



Skippack Township

4089 Heckler Road

Skippack, PA 19474-0164

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PA1130073

Date: 08/25/2025	Time Inspected: 11:06
Outfall Number: OF-124	Outfall/Observation Point: Outfall
Lat/Long: -75.375908, 40.220733	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed		Circular, Double	16	In water: With sediment:
In-stream? Yes				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

233.	Sample for the lab?	
234.	If yes, collected from:	
235.	Intermittent flow trap set?	
236.	Flow trap type:	

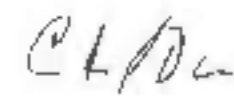
Any non-illicit discharge concerns?

Notes:

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 11:16
Outfall Number: OF-125	Outfall/Observation Point: Outfall
Lat/Long: -75.375944, 40.220635	Inspector(s):
Subwatershed:	Contributing Drainage Area Land Use: Open Space
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	Steel	Circular	24	In water: No With sediment: No
In-stream? Yes				
Flow present? Yes				
Flow description (if present): Trickle				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow? No

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

237.	Sample for the lab?	No
238.	If yes, collected from:	N/A
239.	Intermittent flow trap set?	
240.	Flow trap type:	

Any non-illicit discharge concerns?

No

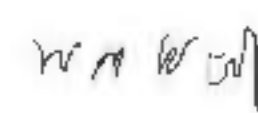
Notes:

Rusting galvanized pipe

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 11:24
Outfall Number: OF-126	Outfall/Observation Point: Outfall
Lat/Long: -75.1204, 40.0351	Inspector(s): James Herb / Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular		In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

241.	Sample for the lab?	No
242.	If yes, collected from:	N/A
243.	Intermittent flow trap set?	
244.	Flow trap type:	

Any non-illicit discharge concerns?

no

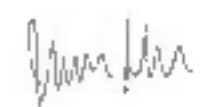
Notes:

RESPONSIBLE OFFICIAL CERTIFICATION

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025
Date



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:06
Outfall Number: OF-126	Outfall/Observation Point: Outfall
Lat/Long: -75.368501, 40.212495	Inspector(s): James Herb / Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material RCP	Shape Circular	Dimensions (in.) 16 in	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	Excessive
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

245.	Sample for the lab?	No
246.	If yes, collected from:	N/A
247.	Intermittent flow trap set?	
248.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

Filled With Sediment/ Needs attention

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number

Signature

08/25/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 14:23
Outfall Number: OF-131	Outfall/Observation Point: Outfall
Lat/Long: -75.404916, 40.22392	Inspector(s): James Herb /Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	16	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

249.	Sample for the lab?	
250.	If yes, collected from:	
251.	Intermittent flow trap set?	
252.	Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 14:33
Outfall Number: OF-132	Outfall/Observation Point: Outfall
Lat/Long: -75.412785, 40.209911	Inspector(s): James Herb/ Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	PVC	Circular	16 in	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	Other crushed
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

253.	Sample for the lab?	No
254.	If yes, collected from:	N/A
255.	Intermittent flow trap set?	
256.	Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

corrugated plastic pipe / needs attention

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025
Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 13:49
Outfall Number: OF-133	Outfall/Observation Point: Outfall
Lat/Long: -75.441727, 40.211855	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular		In water: No
☒ Closed				With sediment: No
In-stream? Yes				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

257.	Sample for the lab?	No
258.	If yes, collected from:	N/A
259.	Intermittent flow trap set?	
260.	Flow trap type:	

Any non-illicit discharge concerns?

No

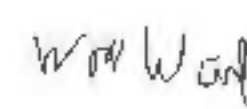
Notes:

Needs brush cut back

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



Skippack Township

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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 14:07
Outfall Number: OF-134	Outfall/Observation Point: Outfall
Lat/Long: -75.444032, 40.203545	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	42	In water: No
☒ Closed				With sediment: No
In-stream? Yes				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

261.	Sample for the lab?	No
262.	If yes, collected from:	N/A
263.	Intermittent flow trap set?	
264.	Flow trap type:	

Any non-illicit discharge concerns?

No

Notes:

Brush needs to be cut

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/25/2025

Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/25/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 07:59
Outfall Number: OF-135	Outfall/Observation Point: Outfall
Lat/Long: -75.44212, 40.19538	Inspector(s): Bill ward
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	18	In water: No
☒ Closed				With sediment: No
In-stream? Yes				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	Spalling, cracking, chipping
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

265.	Sample for the lab?	No
266.	If yes, collected from:	N/A
267.	Intermittent flow trap set?	
268.	Flow trap type:	

Any non-illicit discharge concerns?

No

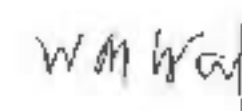
Notes:

Headwall separated from pice

RESPONSIBLE OFFICIAL CERTIFICATION

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Bill ward
Responsible Official Name



Signature

Telephone Number

08/26/2025

Date



Skippack Township

4089 Heckler Road
Skippack, PA 19474-0164

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Photo No. 1

Dry Weather Outfall Field Screening

08/26/2025



Skippack Township

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Skippack, PA 19474-0164

<https://www.skippacktownship.org/>



DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 08:06
Outfall Number: OF-136	Outfall/Observation Point: Outfall
Lat/Long: -75.433162, 40.189965	Inspector(s): Chris Dolan
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open ☒ Closed	Steel	Circular	36	In water: With sediment:
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes

Indicator	Description
Outfall Damage	Corrosion
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

269.	Sample for the lab?	
270.	If yes, collected from:	
271.	Intermittent flow trap set?	
272.	Flow trap type:	

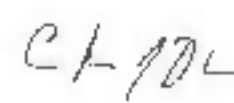
Any non-illicit discharge concerns?

Notes:

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Chris Dolan
Responsible Official Name



Signature

Telephone Number

08/26/2025

Date



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Photo No. 1

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 07:28
Outfall Number: OF-140	Outfall/Observation Point: Outfall
Lat/Long: -75.422172, 40.204907	Inspector(s): JH/AC
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	30	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

273.	Sample for the lab?	No
274.	If yes, collected from:	N/A
275.	Intermittent flow trap set?	
276.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature
08/26/2025
Date



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Photo No. 1

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08/26/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/26/2025



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Photo No. 3	Dry Weather Outfall Field Screening	08/26/2025
		



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 07:37
Outfall Number: OF-140	Outfall/Observation Point: Outfall
Lat/Long: -75.420311, 40.202498	Inspector(s): JH/AC
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Elliptical	36	In water: No
☒ Closed				With sediment: No
In-stream? Yes				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

277.	Sample for the lab?	No
278.	If yes, collected from:	N/A
279.	Intermittent flow trap set?	
280.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

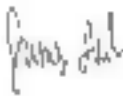
2 pipes

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/26/2025

Date



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08/26/2025



Photo No. 2

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 07:48
Outfall Number: OF-141	Outfall/Observation Point: Outfall
Lat/Long: -75.420038, 40.200418	Inspector(s): JH/AC
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	16	In water: No
☒ Closed				With sediment: No
In-stream? Yes				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

281.	Sample for the lab?	
282.	If yes, collected from:	
283.	Intermittent flow trap set?	
284.	Flow trap type:	

Any non-illicit discharge concerns?

Notes:

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/26/2025

Date



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Photo No. 1

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Photo No. 2

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08/26/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 08:30
Outfall Number: OF-142	Outfall/Observation Point: Outfall
Lat/Long: -75.417984, 40.199464	Inspector(s): JH/AC
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material RCP	Shape Circular	Dimensions (in.) 16 in	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

285.	Sample for the lab?	No
286.	If yes, collected from:	N/A
287.	Intermittent flow trap set?	
288.	Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

needs attention

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Jsmes Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/26/2025
Date



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Photo No. 1

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Photo No. 2

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08/26/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 08:37
Outfall Number: OF-145	Outfall/Observation Point: Outfall
Lat/Long: -75.417822, 40.199083	Inspector(s): JH/AC
Subwatershed: Perkiomen Creek	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
☐ Open	RCP	Circular	36	In water: No
☒ Closed				With sediment: No
In-stream? No				
Flow present? Yes				
Flow description (if present): Trickle				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine	0		Test Strip
pH	7	pH Units	Test strip/Probe
Ammonia	0	mg/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow? No

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

289.	Sample for the lab?	No
290.	If yes, collected from:	N/A
291.	Intermittent flow trap set?	
292.	Flow trap type:	

Any non-illicit discharge concerns?

no

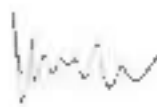
Notes:

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/26/2025
Date



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Photo No. 1

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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/26/2025	Time Inspected: 09:07
Outfall Number: OF-146	Outfall/Observation Point: Outfall
Lat/Long: -75.41356, 40.199748	Inspector(s): JH/AC
Subwatershed: Pekiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material RCP	Shape Circular	Dimensions (in.)	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

293.	Sample for the lab?	No
294.	If yes, collected from:	N/A
295.	Intermittent flow trap set?	
296.	Flow trap type:	

Any non-illicit discharge concerns?

no

Notes:

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number

Signature

08/26/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/26/2025



Photo No. 2

Dry Weather Outfall Field Screening

08/26/2025



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DRY WEATHER OUTFALL FIELD SCREENING

Skippack Township | NPDES ID: PAI130073

Date: 08/25/2025	Time Inspected: 12:37
Outfall Number: OF-147	Outfall/Observation Point: Outfall
Lat/Long: -75.417228, 40.224928	Inspector(s): James Herb / Andrew Coyne
Subwatershed: Perkiomen Watershed	Contributing Drainage Area Land Use: Suburban Residential
☒ Dry Weather ☐ Wet Weather	

Outfall Description

Pipe Type ☐ Open ☒ Closed	Material PVC	Shape Circular	Dimensions (in.) 18 in	Submerged In water: No With sediment: Partially
In-stream? No				
Flow present? No				
Flow description (if present):				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH		pH Units	Test strip/Probe
Ammonia		mG/L	Test strip

Physical Indicators for Flowing Outfalls Only

Are any physical indicators present in the flow?

Indicator	Description	Relative Severity
Odor		
Color		
Turbidity		
Floatables		



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Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? No

Indicator	Description
Outfall Damage	
Deposits/Stains	
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

1. Sample for the lab?	No
2. If yes, collected from:	N/A
3. Intermittent flow trap set?	
4. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

corrugated plastic pipe

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James Herb
Responsible Official Name

(610)-636-1593
Telephone Number



Signature

08/25/2025
Date



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Photo No. 1

Dry Weather Outfall Field Screening

08/25/2025



Photo No. 2

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08/25/2025



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STORMWATER MANAGEMENT PROGRAM ILLICIT DISCHARGE DETECTION & ELIMINATION PROGRAM

Skippack Township

Montgomery County, PA

4089 Heckler Rd.

Skippack, PA 19474

June 2026



CENTER FOR
**WATERSHED
PROTECTION**

Center for Watershed Protection, Inc.
11711 East Market Place, Suite 200, Fulton, MD 20759
www.cwp.org

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APPENDICES

APPENDIX A – Pennsylvania DEP MS4 Outfall Field Screening Report

1. Introduction

Skippack Township, Pennsylvania (the Township) is regulated under a National Pollutant Discharge Elimination System (NPDES) Individual Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4) (Permit No. PAI130073, effective May 1, 2024). The Township is required to develop and implement an Illicit Discharge Detection and Elimination (IDDE) program. The MS4 permit requires a Stormwater Management Program (SWMP) to “*reduce the discharge of pollutants from the MS4 to the maximum extent practicable, to protect water quality, and to satisfy the appropriate water quality requirements of the Clean Water Act and Pennsylvania Clean Streams Law*”. The SWMP consists of six Minimum Control Measures (MCMs). This document is a written plan for MCM#3 IDDE and provides information to develop, implement and enforce a program to detect and eliminate illicit discharges into the Township’s regulated MS4.

An illicit discharge is defined in the MS4 permit as “*Any discharge to a municipal separate storm sewer that is not composed entirely of stormwater*”. Illicit discharges can occur through storm sewer cross connections to the sanitary sewer system, broken sanitary sewer pipes, wash water discharges to the local waterbody and a single event of dumping substances directly into the storm sewer system. Examples include dumping of household hazardous waste, motor vehicle fluids, industrial or restaurant waste into the MS4 system. The MS4 permit authorizes non-stormwater discharges if it does not cause or contribute to pollution that includes:

- Discharges or flows from firefighting activities.
- Discharges from potable water sources from water line flushing and fire hydrant flushing, if they don’t have detectable concentrations of Total Residual Chlorine (TRC).
- Non-contaminated irrigation water, water from lawn maintenance, landscape drainage and flows from riparian habitats and wetlands.
- Diverted stream flows and springs.
- Non-contaminated pumped groundwater and water from foundation and footing drains and crawl space pumps.
- Non-contaminated heating, ventilation and air conditioning (HVAC) condensation and water from geothermal systems.
- Residential vehicle wash water where cleaning agents are not utilized.
- Non-contaminated hydrostatic test water discharges, if such discharges do not contain detectable concentrations of TRC.

2. Outfall IDDE Procedures

2.1 Procedures for Outfall Prioritization

The MS4 permit requires identification of priority outfalls defined as having a higher likelihood of illicit discharges, illicit connections, or illegal dumping. Priority outfalls can be identified using a Geographic Information System (GIS) that allows for analysis of spatial data (i.e. land use, storm drain outfalls) and incorporating data from paper maps (i.e. citizen complaints). This analysis will vary based on available data and characteristics of the Township. Table 1 provides a list of suggested data to use for this analysis. A scoring system is developed for each data type and aggregated to identify locations within the Township with a higher likelihood of illicit discharges. Priority outfalls should be screened annually during each year of MS4 permit coverage.

Table 1. Data to Use for Identification of Priority Outfalls.

Data Type	Data Description
Age of developments	Older developments have a higher likelihood of potential illicit discharges. As pipes and connections are upgraded over time cross connections between sanitary sewer and storm drain lines can occur.
Stormwater outfall density	The higher number of outfalls per stream-mile indicates a higher likelihood of potential illicit discharges.
Poor dry weather water quality	Use existing dry weather water quality monitoring data to indicate locations with high levels of pollutants.
Condition/age of infrastructure	Aging and failing sewer infrastructure indicates a higher likelihood of potential illicit discharges. Useful resources include sewer maps, inflow and infiltration studies, or knowledge from local staff that repair sewer pipes.
Citizen pollution complaints	Review past citizen complaints or historical illicit discharges to identify locations with a higher density of problems. These areas indicate a higher likelihood of potential illicit discharges.
Generating Sites ¹	Land use or zoning data is useful to locate commercial, industrial, institutional, municipal and transport-related sites. The greater density of sites indicates a higher likelihood of potential illicit discharges.

¹ Generating Sites are defined as land uses with a greater likelihood of producing pollutants. Examples include construction sites, restaurants, and industrial activities (Wright et al., 2005).
<https://owl.cwp.org/mdocs-posts/urban-subwatershed-restoration-manual-series-manual-11/>

2.2 Procedures for Screening Outfalls

The Township is required to conduct screening of all regulated small MS4 outfalls during dry weather once within the 5-year NPDES MS4 permit term and screen priority outfalls annually. Outfall screening should only occur after 48 consecutive hours of dry weather or no precipitation that produces stormwater runoff. The MS4 permit (MCM #3, BMP #2 and #3) requires the Township to develop and maintain map(s) that includes the boundaries of the Township and Urban Areas, location of all outfalls, the entire storm sewer collection system owned by the permittee (i.e. roads, inlets, etc.) and the location and names of surface waters that receive discharges from those outfalls. The Township developed this mapping during the first permit cycle. Observation points can be established if an MS4 outfall cannot be accessed due to safety, access to private property concerns, or other reasons. An observation point is established at a location prior to the outfall location (i.e. catch basin draining to an outfall) and is where the field screening should be performed. The Township does not currently have any observation points.

2.2.1 Preparation for Field Work

The ideal season for outfall screening is fall as the groundwater level is low and finding outfalls is easier due to less vegetative growth. Field crews should conduct outfall screening in pairs for safety and efficiency using the MS4 stormwater outfall maps that show the locations of outfalls (and observation points if applicable). Basic field equipment recommended for outfall screening includes waders, a measuring tape, camera (or smartphone/tablet), sample bottle(s), and water quality testing materials. In addition, safety gear is important including a first aid kit, flashlight and a survey vest. It is essential to bring field maps that include road names, streams, and the stormwater outfall system. These can be paper maps and/or web applications for use on tablets or smartphones.

2.2.2 Outfall screening procedure

At each outfall, field crews should document information using the [Pennsylvania Department of Environmental Protection MS4 Outfall Field Screening Report](#) (the Form) either on paper (Appendix A) or electronically through the Township's Survey123 Forms which are associated with an interactive ArcGIS Online web map app. Each outfall is assessed by filling out the applicable sections of the Form that includes Background Information, Outfall Description, Dry Weather Flow Evaluation, Field/Laboratory Analysis, Illicit Discharges, and Responsible Official Certification. Additionally, while conducting the outfall screening, field crews should assess if the outfalls and related infrastructure is functioning properly or in need of repair. Infrastructure repairs may include broken pipes or outfalls, clogged and/or rusted pipes, and erosion around the

pipe or headwall leading to potential failure. Instructions for filling out each of the six sections in the Form are discussed in the next sections.

2.2.2.1 Background Information

This section of the Form is used to create a record of the location, staff involved and general conditions for the outfall assessment. Most of the information can be filled out prior to field work except for photographs of the outfall. The maps of the MS4 stormwater outfall system are used to identify each outfall location. If using an electronic version of the Form on a tablet, after the first field visit, the background information can be pre-populated, and photographs taken directly on the tablet.

2.2.2.2 Outfall Description

This section of the Form is used to record general outfall characteristics including type of pipe, material, shape, dimensions, and if the pipe is submerged in water and/or sediment. Figure 1 provides a visual overview of this section of the Form. Once the outfall description is complete, an important part of this section is to identify if dry weather flow is present at the outfall. If dry weather flow is present at the outfall, note the flow rate description that best fits. If dry weather flow is not present at the outfall, the next three sections can be skipped and responsible official certification completed.

Outfall Description				
Pipe Type		In-Stream?		
Open	Closed	No	Yes	
				
Shape of Pipe				
Circular	Box	Elliptical	Channel	Earthen Swale
				
Submerged in Water				
No	Partially	Fully		
				
Submerged with Sediment				
No	Partially	Fully		
				

Figure 1: Visual reference to fill out the outfall description section of the Form.

2.2.2.3 Dry Weather Flow Evaluation

In this section of the Form, dry weather flow from the outfall is assessed for evidence of past illicit discharges using physical and visual indicators. Indicators identified on the Form include the presence of color, odor, observed change in the receiving waters, floating solids, scum, sheen or deposits. Additional indicators of illicit discharges include excessive plant growth, outfall damage, deposits/stains, and/or benthic growth on pipe surfaces (CWP, 2004). These physical and visual indicators provide clues that a discharge has occurred in the past, even if the pipe is not currently flowing and should be documented on the Form. Several visual indicators of an illicit discharge are shown in Figure 2.

Indicators of Illicit Discharges at Outfalls	
Excessive plant growth at outfall	Colored, turbid water
	
White, milky colored discharge at outfall	Discharge of solids from outfall
	

Figure 2. Indicators of illicit discharges at outfalls.

Some illicit discharges are easy to detect by visual indicators such as sewage that has a strong odor and presence of solids (e.g. raw sewage or toilet paper). When an obvious illicit discharge is observed, sampling is not required and it should be investigated immediately to eliminate the source of the discharge. If the source of the dry weather discharge isn't easily detected, a water quality sample should be taken for analysis to determine if pollutants are present and to help identify the source of the discharge.

2.2.2.4 Field/Laboratory Analysis

If dry weather flow is present at the outfall and/or color, odor, solids or other visual indicators are present, a water quality sample should be taken with the goal of identifying if pollutants are present. If the outfall has dry weather flow with no pollutants present, it is not considered an illicit discharge. It is a discharge that may be from natural sources such as groundwater.

This section of the Form is used to record results from water quality analysis. The Form contains many possible water quality parameters to determine if a dry weather flow is illicit. A review of chemical indicator parameters to identify illicit discharges is provided in CWP, 2004. Three main parameters; ammonia, detergents and chloride, are recommended to distinguish between four common dry weather discharge types; sewage, wash water, potable water, and groundwater. Ammonia is used to distinguish sewage; chloride is used to identify potable water, surfactants is used to identify wash water, and the absence of visual indicators and absence of high levels of pollutants is used to identify potential natural sources such as springs and groundwater flow.

During an initial water quality field screening, disposable test strips, test kits or probes, can be used as an indicator of the discharge source. If the initial field screening testing results indicate a high level of a pollutant present, then a sample should be taken and sent to a laboratory certified by the PA Department of Environmental Protection (DEP) for more accurate water quality testing. The recommended water quality parameters are provided in Table 2 (CWP, 2004).

Table 2. Overview of Recommended Water Quality Sampling Parameters.

Sampling Parameter	Pollutant Detected	Detection Level (mg/l)	Testing Challenges
Ammonia-Nitrogen	Sewage and liquid waste from some industrial sites	>1mg/L indicator of sewage contamination	Available as a test strip
Chlorine	Tap Water (water line break), swimming pool discharge, or industrial from a chlorine bleaching process	High levels are detected	Available as test strip and is highly volatile. Chlorine is used to disinfect tap water.
Detergents	Wash water	None	Field sampling kit has a reagent that is hazardous waste; it is safer to test in a laboratory; not available as a test strip
pH	Liquid wastes from industries; residential wash water	Very high or low pH (3-12) is indicator of industrial, residential wash water is basic (pH 8 or 9)	Should be combined with other parameters to confirm pollutant

The Township should coordinate with a local PA DEP-certified laboratory for future water quality sampling of potential dry weather outfall field screenings. The laboratory will provide quality assurance and quality control procedures to follow for collecting, transporting and analyzing water samples as well as sterile bottles to collect samples. Include the water quality sample results with the outfall inspection report and keep a record to include in the Annual Report.

2.2.2.5 Illicit Discharges

This section of the Form is used to document actions taken to identify the source of the illicit discharge and corrective actions taken to eliminate the illicit discharge. This section is only applicable if a dry weather flow is determined to be an illicit discharge using information from the dry weather flow evaluation and field/laboratory analysis sections. The IDDE Tracking and Elimination section contains procedures to track the illicit discharge to the source and eliminate the source from entering the storm sewer system.

2.2.2.6 Responsible Official Certification

This section of the Form certifies that the information documented in this form is accurate and evaluated for quality control. This section should be signed by the

designated staff person responsible for the illicit discharge detection and elimination program.

3. Stormwater Ordinance

The MS4 permit requires adoption of a stormwater management ordinance to implement and enforce a stormwater management program that includes prohibition of non-stormwater discharges to the MS4 (BMP#5). Adoption of a stormwater management ordinance provides legal authority for the Township to implement and enforce an IDDE program. The ordinance includes provisions to gain access to private property for illicit discharge inspections of suspected illicit discharges, and a set of enforcement tools to respond to illicit discharges ranging from verbal warnings to civil penalties.

The Township's Stormwater Management and Grading Ordinance² enacted December 10, 2008, outlines enforcement and penalties associated with violations such as illicit discharges that include a written notice of violation and payment of fines. The Township is required to update their Stormwater Management Ordinance for consistency with the PA DEP 2022 Model Stormwater Ordinance by September 30, 2028. When the Township updates and adopts its ordinance, the new stormwater management ordinance will be included as an attachment to the next Annual MS4 Status Report during the permit term.

4. IDDE Tracking and Elimination

When an illicit discharge is identified, the Township is responsible for tracking the pollutant to the source and eliminating the source from entering the storm sewer system. Illicit discharges are identified during routine dry weather outfall screenings in addition to reports of suspected or confirmed illicit discharges provided by the public or other agencies. The first step is to track the illicit discharge to the source. Three suggested tracking procedures include storm drain network investigations, drainage area investigation, and on-site investigation.³ A description of each is provided.

² <https://www.skippacktownship.org/departments/administration/code-of-ordinances/>

³ <https://owl.cwp.org/mdocs-posts/idde-guidance-manual/>

4.1 Storm Drain Network Investigations

When an illicit discharge is identified at a storm drain outfall, the existing storm drain network mapping is used to track the source of the pollution. Similar to the dry weather outfall field sampling, manholes are inspected for visual observations of illicit discharges and indicator sampling is conducted to isolate the source to a smaller segment of the storm drain network. Indicator sampling at manholes is based on the water quality testing conducted at the outfall. For example, if a high ammonia reading was identified at the outfall, then ammonia should be tested for indicator sampling at manholes.

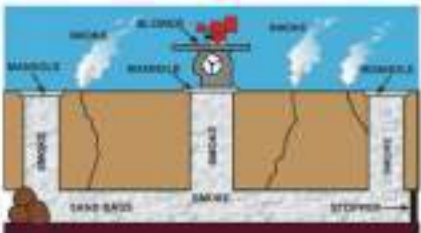
4.2 Drainage Area Investigations

Once the indicator sampling is isolated between two manholes, the next step is to conduct drainage area investigations or on-site investigations. Drainage area investigations are a rapid drive-by windshield survey of the drainage area to identify the potential source of pollutant discharge. For example, if high levels of detergents were found at the outfall, the drainage area investigation would target commercial car washes, laundromats, and other locations that use detergents.

4.3 On-Site Investigations

On-site testing and investigation are needed to verify the specific connection generating the illicit discharge. On-site investigations include the use of dye, video or smoke testing to identify the exact source or connection producing a discharge within the storm drain network. Table 3 provides an overview of how to conduct each method and important tips to consider.

Table 3. On-Site Investigation Methods

On-Site Investigation Methods		
Methods	Instructions	Important Tips
1. Dye Testing 	First, put dye in the drain, fixture or manhole. Then, open the sanitary sewer manhole downgradient and check for presence of the dye. If it's not present, check at the storm drain manhole or outfall.	Notify property owners to obtain entry to property and provide a document showing legal authority. Notify other local agencies so the dye isn't mistaken for pollution.
2. Video Testing 	Guide a mobile video camera into the storm drain pipe to identify pipe damage such as cracks that allows sewage or other contaminated flows into the storm drain pipe.	Expensive if the community doesn't own the equipment. Select an appropriate camera size to fit storm drain pipe.
3. Smoke Testing 	Seal off the storm drain by plugging storm drain inlets. Next, smoke is blown through the storm drain system. Last, crews look for potential leaks indicated by the above ground escape of smoke.	Notify the public and other local agencies.

4.4 Illicit Discharge Enforcement

Dumping of substances directly into the storm sewer system can occur as a one-time event or as a repetitive occurrence. Examples include a member of the public dumping paint or used car oil into the storm drain. Catching the dumping occurrence is difficult as it's not a regularly occurring event. If the dumping event is witnessed, this is an opportunity to educate the public and use compliance actions provided in the stormwater ordinance as necessary. Compliance actions should start with voluntary compliance and education as members of the public may be unaware of the existence of illicit connections. If compliance is not obtained, the Township may use enforcement actions in coordination with the Township Solicitor. Guidance on steps to pursue both enforcement actions is based on the Township's Chapter 172⁴ and summarized in Table 4.

Table 4. Illicit Discharge Enforcement Actions

Voluntary Compliance Actions	
- Township will first give a written notice of the violation. - The defective condition should be remedied satisfactorily, within a specified time.	
Enforcement Actions	
- The Township may order compliance by written notice to the responsible person. - Compliance notices may require: - Performance of monitoring, analyses, and reporting; - Elimination of prohibited connections or discharges; - Cessation of any violative discharges, practices or operations; - Abatement or remediation of stormwater pollution or contamination hazards and the restoration of any affected property; - Payment of a fine to cover administrative and remediation costs; - Implementation of stormwater controls and BMPs; and - Operation and maintenance of stormwater controls and BMPs	
	- Failure to comply within the time specified by the written notice will subject a person to enforcement actions. - The Township may also institute legal actions through their Solicitor. - For any violation of this chapter...enforcement shall be by action brought before a District Justice in the same manner provided for the enforcement of summary offenses under the Pennsylvania Rules of Criminal Procedure. - Any person, upon being found guilty in an enforcement proceeding, shall be subject to a criminal fine not to exceed \$1,000 per violation and imprisonment to the extent allowed by law for the punishment of summary offenses.

⁴ <https://ecode360.com/6992071#6992071>

The Township should report any illicit discharge to the PA DEP that would endanger users downstream or result in pollution or a danger of pollution or property damage per PA DEP's spill reporting guidance.

5. Education and Outreach

The Township is required to provide educational outreach to target audiences defined in the Public Education and Outreach Program on the identification, prevention, and elimination of illicit discharges. The methods used to educate target audiences on stormwater educational information includes posting materials on the Township website, social media pages, and printed publications including pamphlets, flyers, posters and articles in local media.

The Township is also required to establish and promote a reporting mechanism for the public to report stormwater pollution including illicit discharges. This information should be clearly visible on the Township website and include a definition and description of illicit discharges and contact numbers for 24-hour reporting. Outside regular business hours, reporting calls are directed to the police non-emergency line. The Township is required to respond to all complaints in a timely and appropriate manner and document the complaint, response, and timeline of follow-up if the complaint was successfully resolved.

6. Annual Goals

The Township is required to annually complete specific goals to meet the MCM #3 permit requirements. The MS4 permit requirements and minimum annual goal for compliance are provided in Table 5.

Table 5. Goals to Meet IDDE MS4 Permit Requirements

Permit Requirements	Township Minimum Compliance Goal
BMP #1 Develop, implement, and maintain a written program for IDDE.	The Township has a written program for IDDE that is reviewed annually and revised as necessary.
BMP #2 & 3 Develop and maintain maps of MS4 system.	The Township's MS4 system mapping is complete. The maps will be reviewed annually and updated as necessary.
BMP #4 Conduct dry weather screenings of MS4 outfalls to evaluate the presence of illicit discharges.	The Township is required to conduct screening of all regulated MS4 outfalls during dry weather once within the 5-year NPDES MS4 permit. The Township is required to screen all priority outfalls annually.
BMP #5 Enact a Stormwater Management Ordinance	The Township's Stormwater Ordinance will be updated by September 30, 2028 as required by their Individual Permit.
BMP #6 Provide educational outreach on the detection and elimination of illicit discharges	The Township will provide educational outreach to target audiences on the identification, prevention, and elimination of illicit discharges. The Township will also establish and promote a reporting mechanism for the public to report stormwater pollution including illicit discharges.

6.1 Annual Accomplishments

The Township is required to submit an Annual MS4 Status Report on the Stormwater Management Program to PA DEP by September 30th of each permit year. The Annual MS4 Status Reports should be made available to the public by request at the Township Municipal Building or on the Township website. The IDDE accomplishments will be reported each year in the Annual MS4 Status Reports.

The Township should keep internal records and photographs of all outfall field screening, reported illicit discharges, water quality testing, illicit discharge monitoring, tracking and elimination work. This information will be included in the Annual MS4 Status Report submitted to PA DEP.

7. References

Center for Watershed Protection. (2004). Illicit Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessments. Ellicott City, MD. <https://owl.cwp.org/?mdocs-file=5029>

Wright, T., Swann, C., Cappiella, K., Schueler, T. (2005). Manual 11: Unified Subwatershed and Site Reconnaissance: A User's Manual. Urban Subwatershed Restoration Manual Series. Center for Watershed Protection, Ellicott City, MD. <https://owl.cwp.org/mdocs-posts/urban-subwatershed-restoration-manual-series-manual-11/>

APPENDIX A

Pennsylvania DEP MS4 Outfall Field Screening Report



MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name:	NPDES Permit No.: PA
Date of Inspection:	Outfall ID No.:
Land Uses in Outfall Drainage Area (Select All):	Latitude: _____° _____' _____"
☐ Industrial ☐ Urban Residential	Longitude: _____° _____' _____"
☐ Commercial ☐ Suburban Residential	Dry Weather Inspection? ☐ Yes ☐ No
☐ Open Space ☐ Other:	Date of Previous Precipitation:
	Amount of Previous Precipitation: _____ in
Inspector Name(s):	Were Photographs Taken? ☐ Yes ☐ No
	Are Photographs Attached? ☐ Yes ☐ No

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	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: _____ in Top Width: _____ in 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: _____			Oil and Grease		mg/L
Other: _____			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:					
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).					
Responsible Official Name			Signature		
Telephone No.			Date		

**MUNICIPAL SEPERATE STORM SEWER SYSTEM
ANNUAL MS4 STATUS REPORT**



APPENDIX D

MCM #5 POST CONSTRUCTION STORMWATER MANAGEMENT

- 2026 PCSM BMP Inventory

Site/Subdivision Name	BMP Site No.	Site Address	Permittee	NPDES Permit #	NPDES Permit Acknowledgement Date	Development Status
2061 Cressman Road	9	2061 Cressman Road	Herbert Scheuren Jr	PAC460844	12/27/2023	Under
Biltmore	35	Skipack Pike	T H Properties	PAG2004605057	3/17/2005	Completed
Biltmore Estates (Original)	10	Skipack Pike & Old Forty Foot Road	Skipack Group, LLC	PAG02004605057R	11/30/2011	Completed
Biltmore Estates 2019	4	Ashland Drive	Christian Budenz	PAC460371	4/24/2019	Completed
Biltmore Estates Lot 143	37	1775 West Of Old Forty Foot Road on Skipack Pike	TH Properties	PAG2004605057-1	8/4/2008	Completed
Buck Enterprises & Landscaping Inc Shop Office	14	1254 Cressman Road	Buck Enterprises & Landscaping Inc	PAG02004611013	3/1/2011	Completed
Cedars Telecommunications Group (Original)	16	4446 Skipack Pike	Cedars Telecommunications Group	PAG02004611068	12/2/2011	Withdrawn/not
Collegeville & Kratz Road Subdivision	41	1068 Collegeville & 1372 Kratz Road	Daved Marchese & Joseph Mascaro III	PAG2004606007	1/11/2006	Completed
Conicelli Complex	1	3831 Township Line Road	Dominic L Conicelli	PAC460060	3/8/2018	Completed
Cressman Road - Turf Fields - Skipack Turf Fields	45	Cressman Road	Matt Chowns	PAG2004607084	5/14/2007	Withdrawn/not
D G S 577-36 SCI Skipack East & West - Graterford Prison	52	SCI Graterford Prison Gravel Road	PA Department of General Services	PAG2004609050	5/19/2009	Completed
DGS 577- 36 3rd RRB SCI Phoenix Graterford Prison	12	Gravel Road	Elizabeth O Reily	PAG02004609050 2	6/5/2013	Completed
Enclave At Evansburg	28	Evansburg Road	Penn Gwyn, LP	PAG2004604061	4/30/2004	Completed
Equinox Indoor State Park Warehouse	3	2039 Lucon Road	Lynne C Chris T Brockett	PAC460255	1/4/2019	Withdrawn/not
Extension of Skipack Township- Public Sanitary Sewer System	17	South Side of PA Route 73	Mike Downs/Toll Brothers, Inc.	PAG02004613038	7/19/2013	Completed
Fugo Tract Sub	40	Hildebeitel & Township Line Roads Northern Corner	Heritage Building Group	PAG2004605208	11/16/2005	Withdrawn/not completed
Gigliotti Cope Property	11	Squirrel Hill Road	Gigliotti Squirrel Hill Associates	PAG02004608121	3/8/2010	Completed
Gigliotti Cope Property	50	Squirrel Hill Road	Gigliotti Squirrel Hill Associates	PAG2004608121	7/18/2008	Completed
Haines & Kibblehouse Inc Quarry Building/Barn Renovation Project	27	2052 Lucon Road	Haines & Kibblehouse, Inc	PAG2004603210	10/20/2003	Completed
John Strouse Land Development	39	4391 Skipack Pike	John Strouse	PAG2004605096	5/26/2005	Completed
Kenney Tract Subdivision	34	974 Bridge Road	Hampton Properties, Inc	PAG2004605048	3/17/2005	Completed
Koaxis Land Development	48	Northwest side Lucon Road Lot 1 Lucon Business Park	Gorski Engineering Inc	PAG2004607189	12/17/2007	Completed
Lochwood Office Development	25	Cressman Road & Route 73	Gambone Brothers	PAG2004603156	7/22/2003	Completed
Matz Tract PAR10T861-1	31	Skipack	Heritage Building Group, Inc.	PAG2004604229	11/16/2004	Completed
McGinley Tract	46	Cressman Road & Skipack Pike	Skipack Progress Group	PAG2004607152	10/2/2007	Completed
Meadow Glen at Skipack	22	Lederach Cross Road	Eastern Equities, Inc	PAG2004603132	6/20/2003	Completed
Meadow Glen Phase 3	23	1000' East of Lederach Cross Road, Northern Side of Skipack Pike	Meadow Glen Development LP	PAG2004603132-1	1/27/2009	Completed
Meadow Glen Phase 3	5	Lederach Cross Road	Mike Downs	PAC460475	3/23/2020	Completed
Meadow Glen Route 73	24	Rt 73 & Cross Road	Erb Mascio Builders	PAG2004603132-1	8/31/2007	Completed
Mill Run Subdivision	8	753, 761, 767 Collegeville Road	Leonard DelGrippe	PAC460803	1/18/2024	Under
Monroe Court	26	Heckler Road & Mount Airy Road	T. H. Properties	PAG2004603197	10/6/2003	Completed
Moscariello Subdivision	18	Cassell Road & Miller Road	Americo Moscariello	PAG02004613046	10/9/2013	Completed
Moscariello Subdivision	44	Cassell Road & Miller Road	Americo Moscariello	PAG2004607015	2/1/2007	Completed
MSK Property Managemnet, LLC.	7	2039 Lucon Road	Matt D. Sibley	PAC460515	12/22/2020	Under
Muller Tract/Anders Road	32	Evansburg Road and Kratz Road	David Kane	PAG2004605013	1/18/2005	Completed
Oak Grove Estates FKA Muller Tract/Anders Road	33	Anders Road - Evansburg Road and Kratz Road	Robert D'Orsogna	PAG2004605013-1	8/18/2008	Completed
PA Army Stryker Brigade - Graterford Field Maintenance Shop	47	S R 0113 Bridge Road	Department of Military & Veterans Affairs	PAG2004607157	10/9/2007	Completed
Proposed Commerce Bank	20	Bridge Road & Skipack Pike	Commerce Bank c/o IDS	PAG2004603031	2/20/2003	Completed
Proposed Facility Expansion Palmer International, Inc.	2	2036 Lucon Road	Kevin Palmer	PAC460247	6/22/2018	Completed
Proposed Office Building KMC LLC - Biltmore Estates Lot 144	36	Biltmore Estates Intersection Ashland Drive & SR 73	Bryan Ganghan	PAG2004605057	10/28/2008	Completed
Proposed Warehouse	13	Bridge Road & Township Line Road	L F Holdings LLC	PAG02004609088	11/19/2009	Completed
Remove Obstructions Runway 9-27	49	Perkiomen Valley Airport	Perkiomen Vally Airport	PAG2004608054	2/11/2008	Completed
Sanitary Sewer Replacement	19	Along Perkiomen Creek	Theodore Locker	PAG02004615059	10/30/2015	Withdrawn/not
Scheer Tract	29	Kratz Road	David Kane	PAG2004604070	4/29/2004	Completed
Skipack Fire House - Grant Project	43	1230 1236 1240 Bridge Road	Skipack Fire House	PAG2004606153	9/1/2006	Completed

Site/Subdivision Name	BMP Site No.	Site Address	Permittee	NPDES Permit #	NPDES Permit Acknowledgement Date	Development Status
Skipack Golf Course Parking Lot Renovations	30	Skipack Golf Course	Evansburg State Park	PAG2004604179	9/1/2004	Completed
Skipack Township Walking Trail Project	42	PECO easement through Skipack Township	Skipack Township	PAG2004606082	5/18/2006	Completed
Skipack Walking Trail	15	East Side of the Perkiomen Creek	Skipack Township	PAG02004611031	5/26/2011	Withdrawn/not completed
Sole Subdivision	51	2092 Hudnut Road	Cindy J. Sole	PAG2004608135	8/26/2008	Completed
State Police Barracks Training Facility	6	1066-1020 Cressman Road	Claiborne Williams	PAC460512	1/21/2021	Completed
The Morgans Village Subdivision	38	Mensch Road	Rotelle Properties, LLC	PAG2004605058	4/6/2005	Completed

**MUNICIPAL SEPERATE STORM SEWER SYSTEM
ANNUAL MS4 STATUS REPORT**



APPENDIX E

MCM #6 POLLUTION PREVENTION AND GOOD HOUSEKEEPING

- NPDES MS4 Program Employee Training Agenda
- NPDES MS4 Program Employee Training Presentation
- NPDES MS4 Program Employee Training Sign-In Sheet
- Skippack Township Employee Training Program



11711 East Market Place, Suite 200 | 410.461.8323
Fulton, MD 20759 | www.cwp.org

NPDES MS4 Program Employee Training

October 24, 2025 at 9:00am-11:00 am
Greater Plymouth Community Center
2910 Jolly Road
Plymouth Meeting, PA 19462

NPDES MS4 Program Overview (Paige Buzard, CWP)

9:00-9:35am

- Why it's important
- Background of permit program and acronyms
- Program elements
- Minimum Control Measures (MCMs)

Illicit Discharge Detection and Elimination Overview (Julie Schneider, CWP)

9:35-10:05am

- What is an illicit discharge
- What to look for
- MS4 permit requirements
- IDDE scenario

Break

10:05-10:15am

What to Expect During a PA DEP Inspection (Paige Buzard, CWP)

10:15-10:50am

- Material storage and handling
- Stormwater Inspections
- Operation and Maintenance
- EPA Audit/DEP Inspection

Wrap-up & Questions

10:50-11:00am

MS4 Overview, IDDE, & What to Expect During a PA DEP Inspection

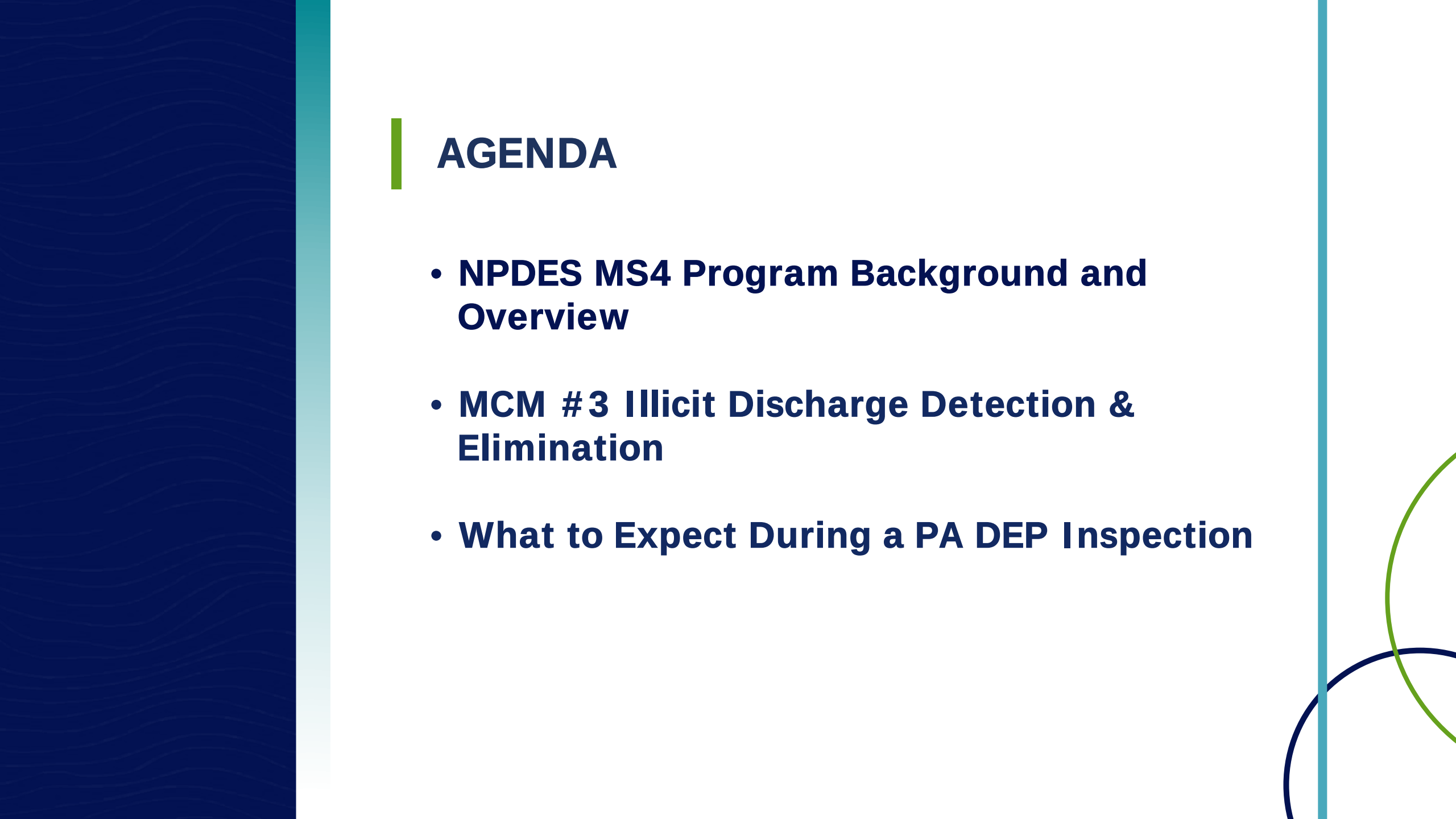


October 24, 2025

Greater Plymouth Community Center
2910 Jolly Road, Plymouth Meeting 19462

Paige Buzard, Landscape Architect
Julie Schneider, Watershed Planner

**CENTER FOR
WATERSHED
PROTECTION**



AGENDA

- **NPDES MS4 Program Background and Overview**
- **MCM #3 Illicit Discharge Detection & Elimination**
- **What to Expect During a PA DEP Inspection**

Introductions

About the Center for Watershed Protection (CWP)

- National nonprofit founded in 1992
- Mission to advance clean water resources and healthy ecosystems through responsible land and water management
- Programs include research, training, membership, and watershed and stormwater services
- 24 staff, headquartered in MD with offices in PA, VA, DE, NJ, SC, and MI

CWP Presenters

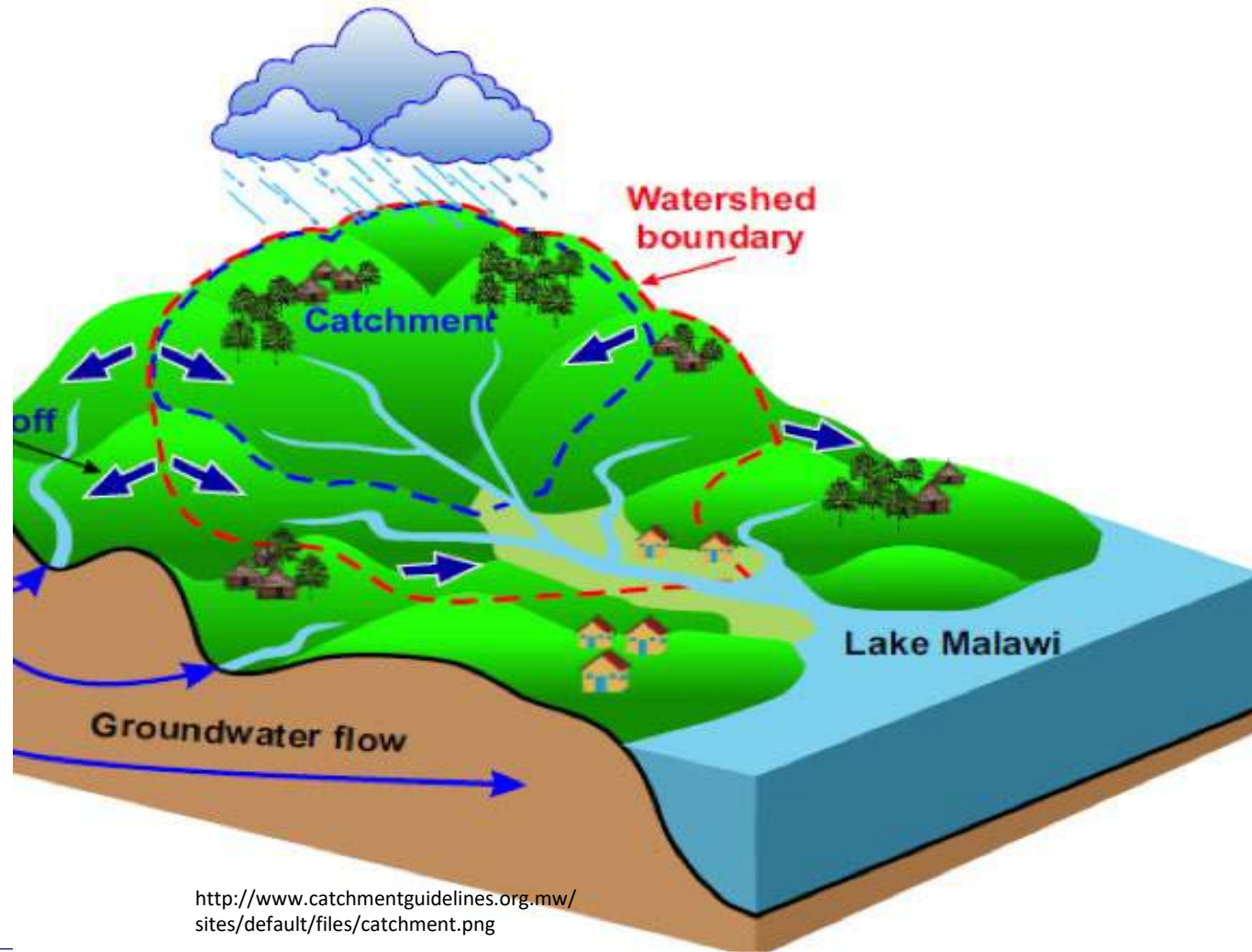
Paige Buzard
Landscape Architect

Julie Schneider
Watershed Planner

NPDES MS4 Program Background & Overview



What is a Watershed?

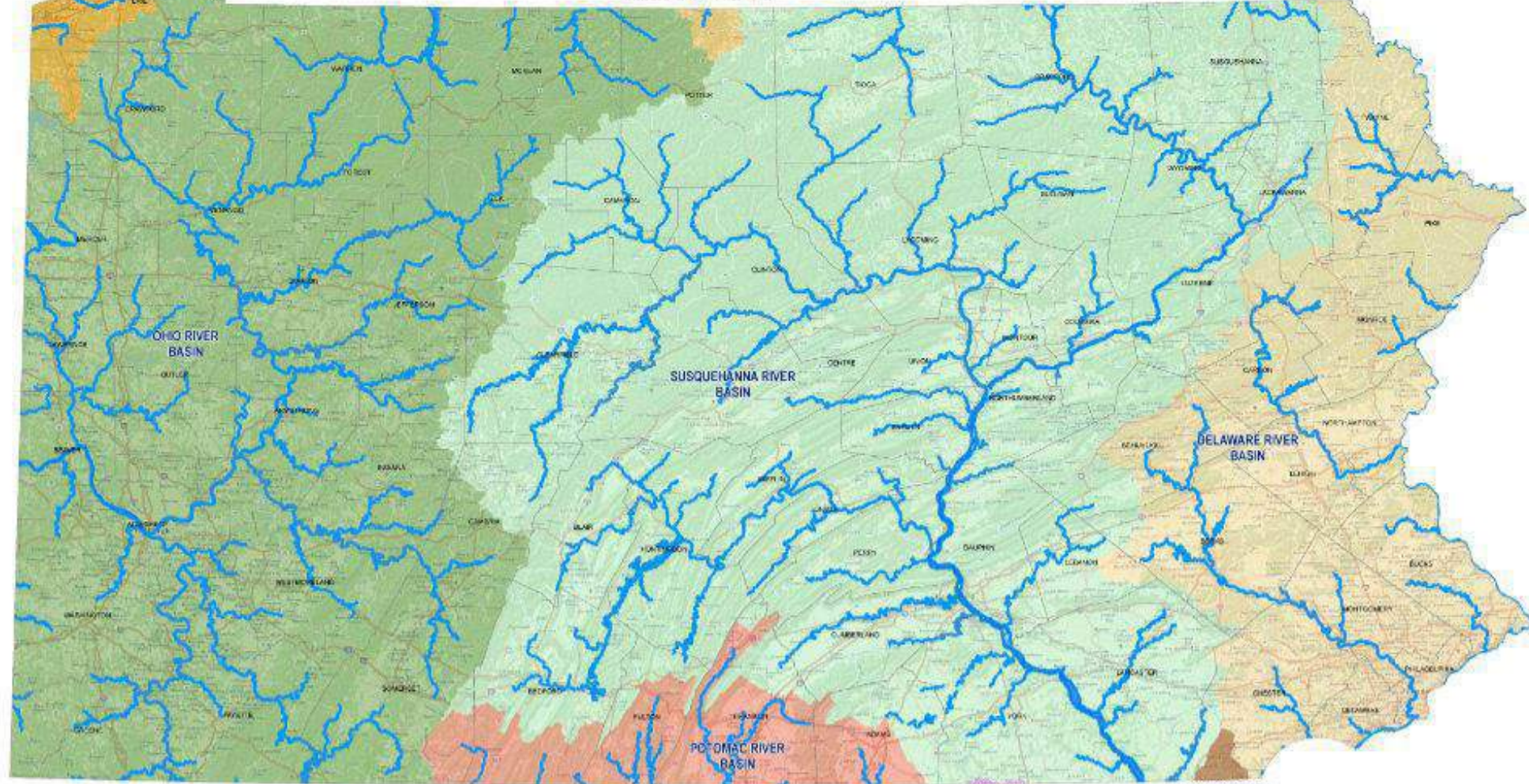


<http://www.catchmentguidelines.org.mw/sites/default/files/catchment.png>

GREAT LAKES BASIN
(ERIE WATERSHED)

PENNSYLVANIA'S MAJOR RIVER BASINS

GREAT LAKES BASIN
(GENESEE WATERSHED)

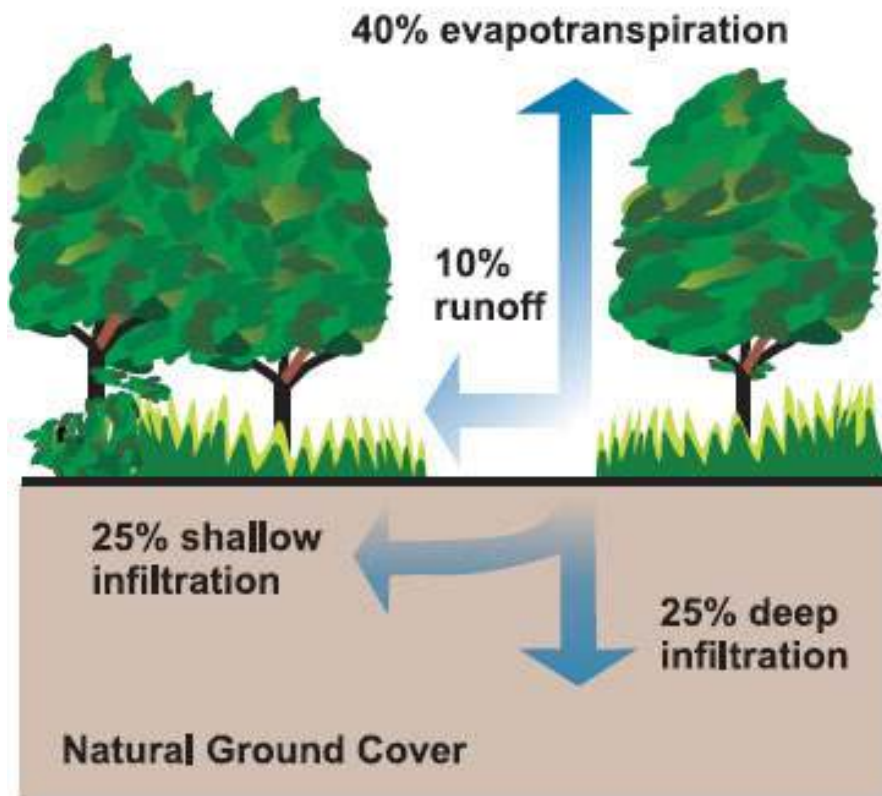


- | | | |
|---------------------------------|---------------------------------------|-------------------------|
| Gunpowder Watershed | Erie Watershed / Great Lakes Basin | Potomac River Basin |
| Northeast / Elk River Watershed | Genesee Watershed / Great Lakes Basin | Susquehanna River Basin |
| Ohio River Basin | Delaware River Basin | |

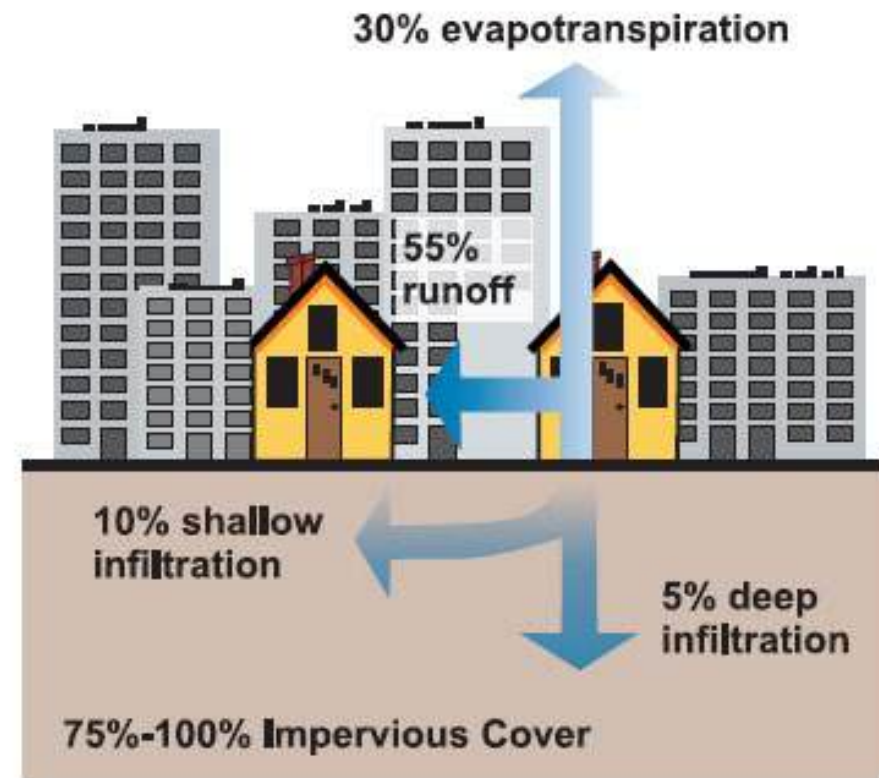


Hydrologic Cycle

Pre-Development



Post-Development



What is Stormwater Runoff?

Stormwater runoff is water from rain or melting snow that “runs off” across the land

Occurs when stormwater cannot infiltrate or evapotranspirate

This runoff usually flows into the nearest stream, creek, river, lake, or ocean

Stormwater runoff is what carries pollutants and causes pollution.



Photo credit: Andy Mangold (Flickr)



Photo credit:
<http://miriadna.com/wallpapers/forest>,
<http://www.avisplumbing.com/services/utilities/storm-drains/>

Impacts of Stormwater

Water Quantity

Excessive stormwater runoff can cause major flooding and stream erosion



Photo credit: Healthygulf.org

Water Quality

Stormwater picks up everything it runs across, carrying pollutants that affect the health of lakes and rivers



Photo credit: National Aquarium

Stormwater Runoff

Urban stormwater runoff one of the main causes of water pollution

Pollutants fall
on impervious
surface

Polluted stormwater
enters storm drain

Stormwater
enters waterway

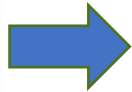
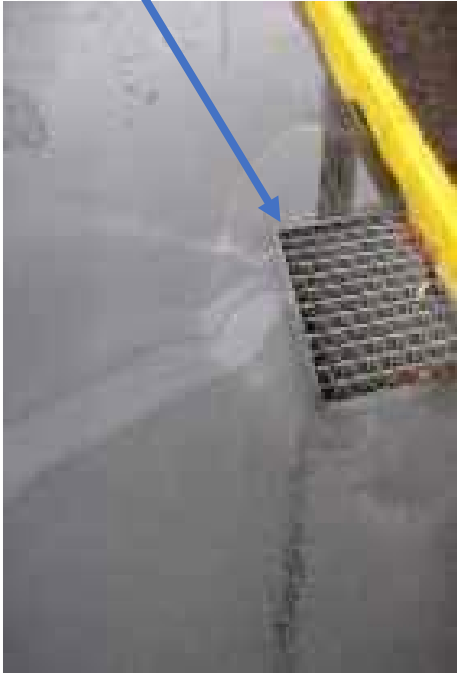
Impaired
waterway



Stormwater Runoff

Water Quantity

Stormwater falls on impervious surface and runs off overland or into storm sewer



Stormwater enters waterway uncontrolled, without being treated by a BMP



Causes eroded streambanks and sediment (and nutrient pollution)



Examples of Stormwater Pollutants

- **Trash and debris**
- **Bacteria**
- **Pesticides**
- **Sediment**
- **Nutrients**
- **Oil and grease**
- **Chloride**
- **Temperature**



Photo credit: The National Aquarium

Examples of Stormwater Problems

- **Fish kills**
- **Eroding streams**
- **Loss of land**
- **Loss of biodiversity**
- **Property/infrastructure damage**
- **Beach closures**
- **Sewer leaks**
- **Algal blooms**
- **Contaminated drinking water**



Acronyms

NPDES - National Pollutant Discharge Elimination System

MS4 - Municipal Separate Storm Sewer System

SWMP - Stormwater Management Program

MCM - Minimum Control Measure

BMP - Best Management Practice

SCM - Stormwater Control Measure

PCSM - Post Construction Stormwater Management

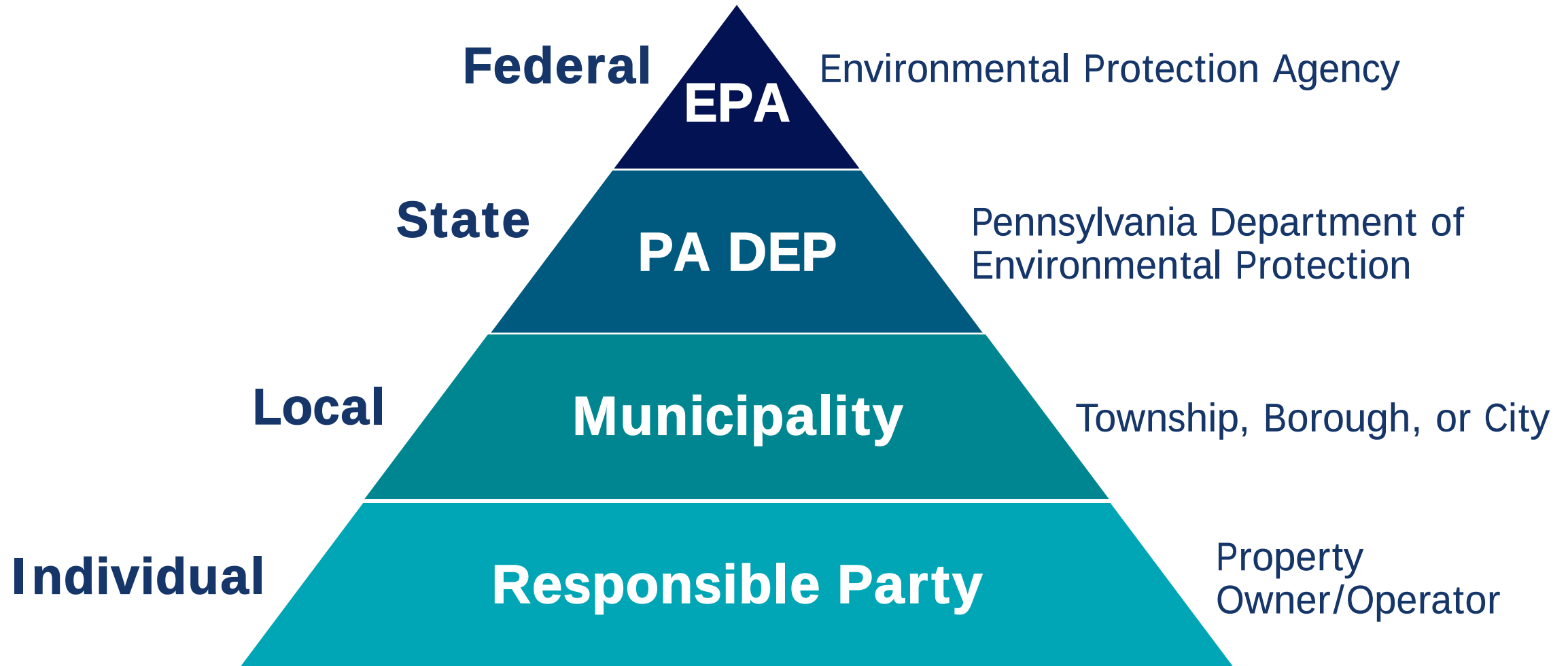
O&M - Operations and Maintenance

IDDE - Illicit Discharge Detection and Elimination

TMDL - Total Maximum Daily Load

National Pollutant Discharge Elimination System (NPDES)

Municipal Separate Storm Sewer System (MS4)



NPDES MS4 Program

- EPA – mandated
- Regulates stormwater as a point-source pollutant
- Phase I (Large) MS4s and Phase II (Small MS4s)
- Based on population / population density
- 5-year permit terms



Pennsylvania NPDES MS4 Program Components

Minimum Control Measures

1. Public Education and Outreach
2. Public Involvement and Participation
3. Illicit Discharge Detection and Elimination
4. Construction Site Runoff Control
5. Post Construction Stormwater Management
6. Pollution Prevention/Good Housekeeping

Pollutant Reduction Plans (PRPs)

- Stormwater discharges to streams impaired for sediment and nutrients

Total Maximum Daily Load (TMDL) Plans

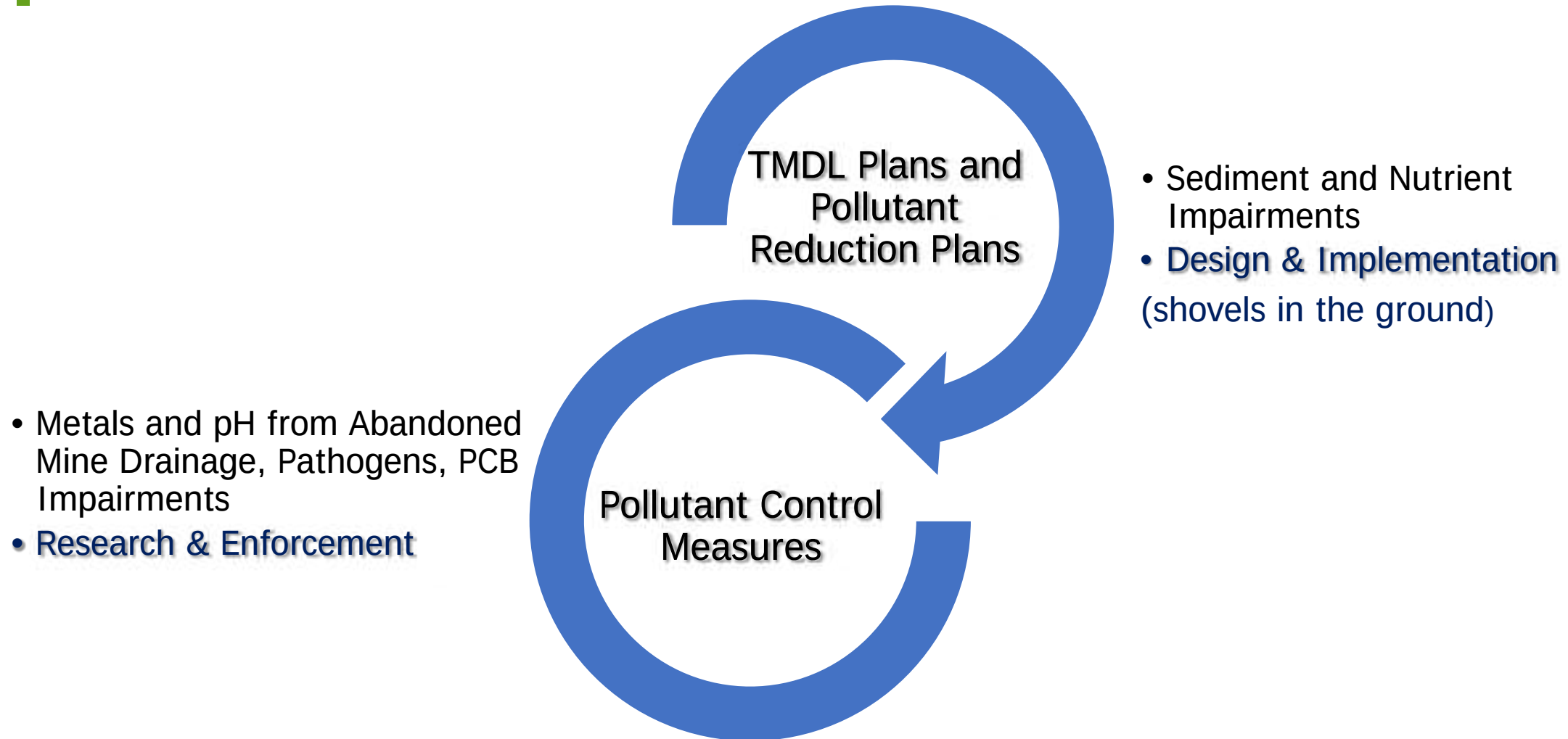
- Stormwater discharges to streams with TMDLs for sediment and/or nutrients

Pollutant Control Measures (PCMs)

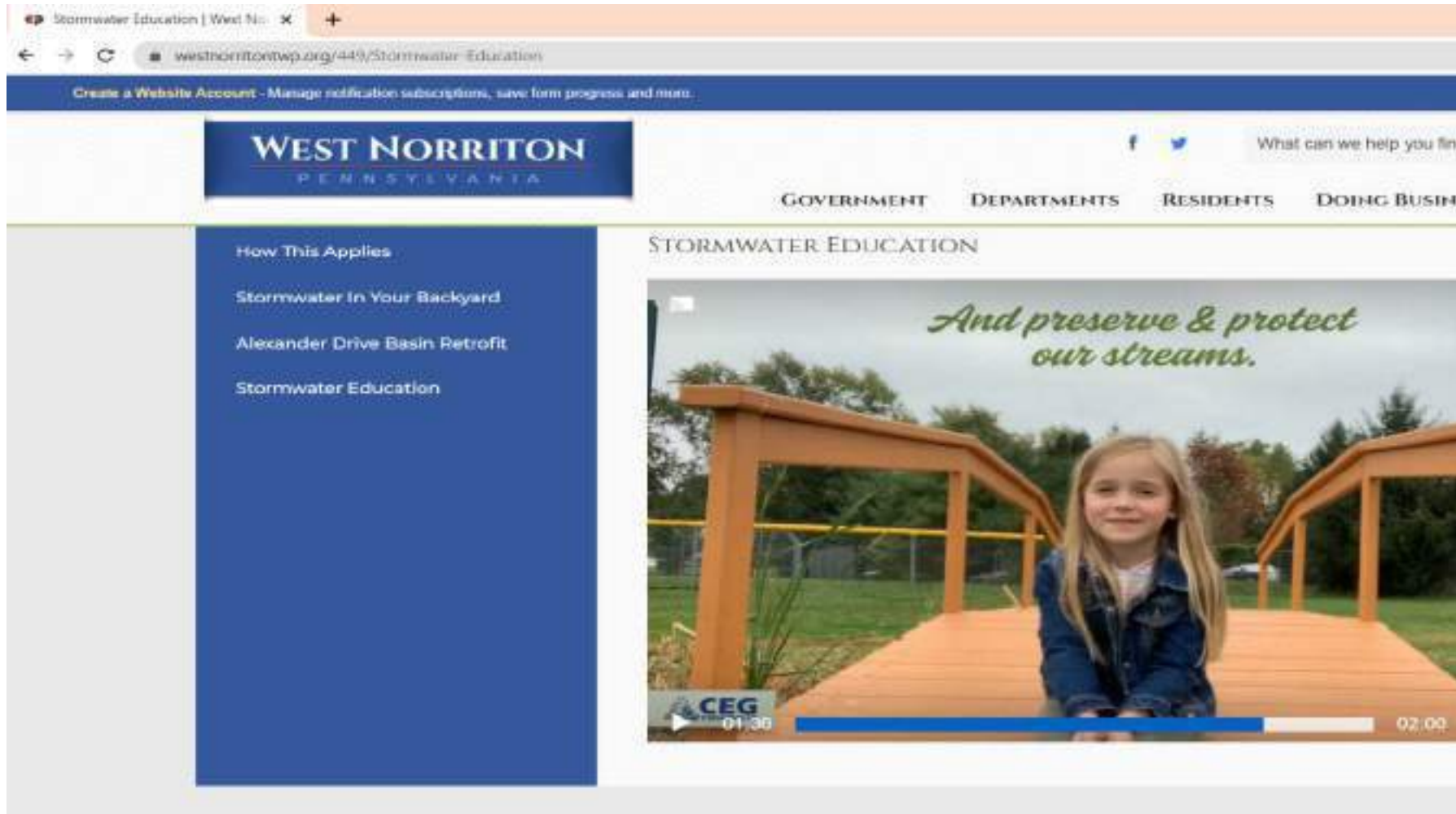
- Stormwater discharges to streams impaired for acid mine drainage, priority organic compounds, and/or pathogens

Annual MS4 Status Report

Addressing Stream Impairment Requirements



Minimum Control Measure #1 - Public Education and Outreach



- Written Program
- Target Audience List
- Publish at least 1 education item per year
- Distribute educational materials through at least 2 distribution methods per year

Minimum Control Measure #2 - Public Involvement and Participation

- Written Program
- Annual Reports available to the public
- Public input on ordinances

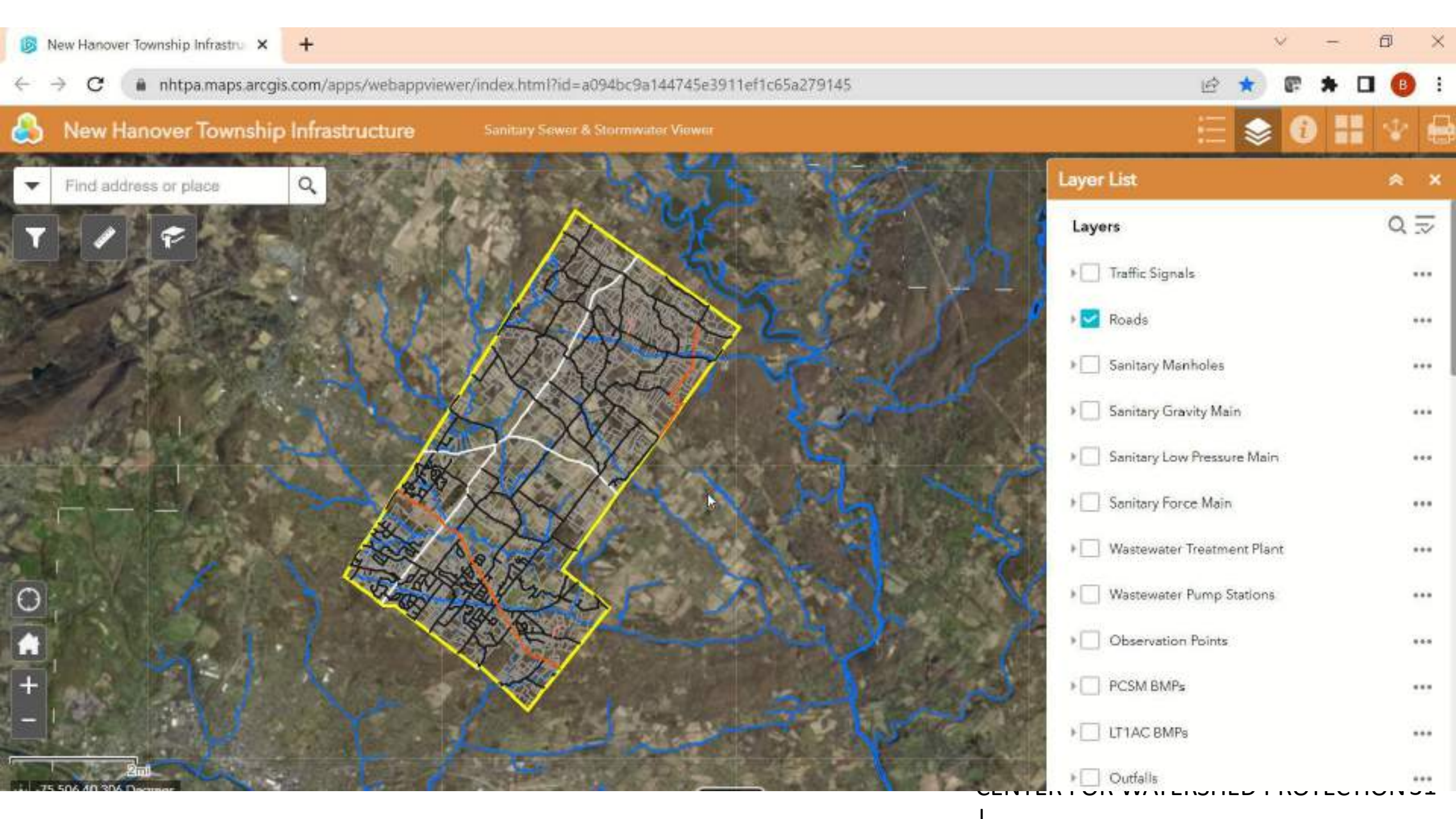


- Public meeting
- Stream clean-ups, planting events, etc.
- Coordination with other organizations

Minimum Control Measure #3 - Illicit Discharge Detection and Elimination (IDDE)

- Written Program
- Mapping
- Dry Weather Outfall Field Screening
- Priority Area Identification
- Ordinance Prohibiting Non-Stormwater Discharges
- Public reporting mechanism
- Educational outreach specific to IDDE





New Hanover Township Infrastructure

Sanitary Sewer & Stormwater Viewer

Find address or place

Layer List

Layers

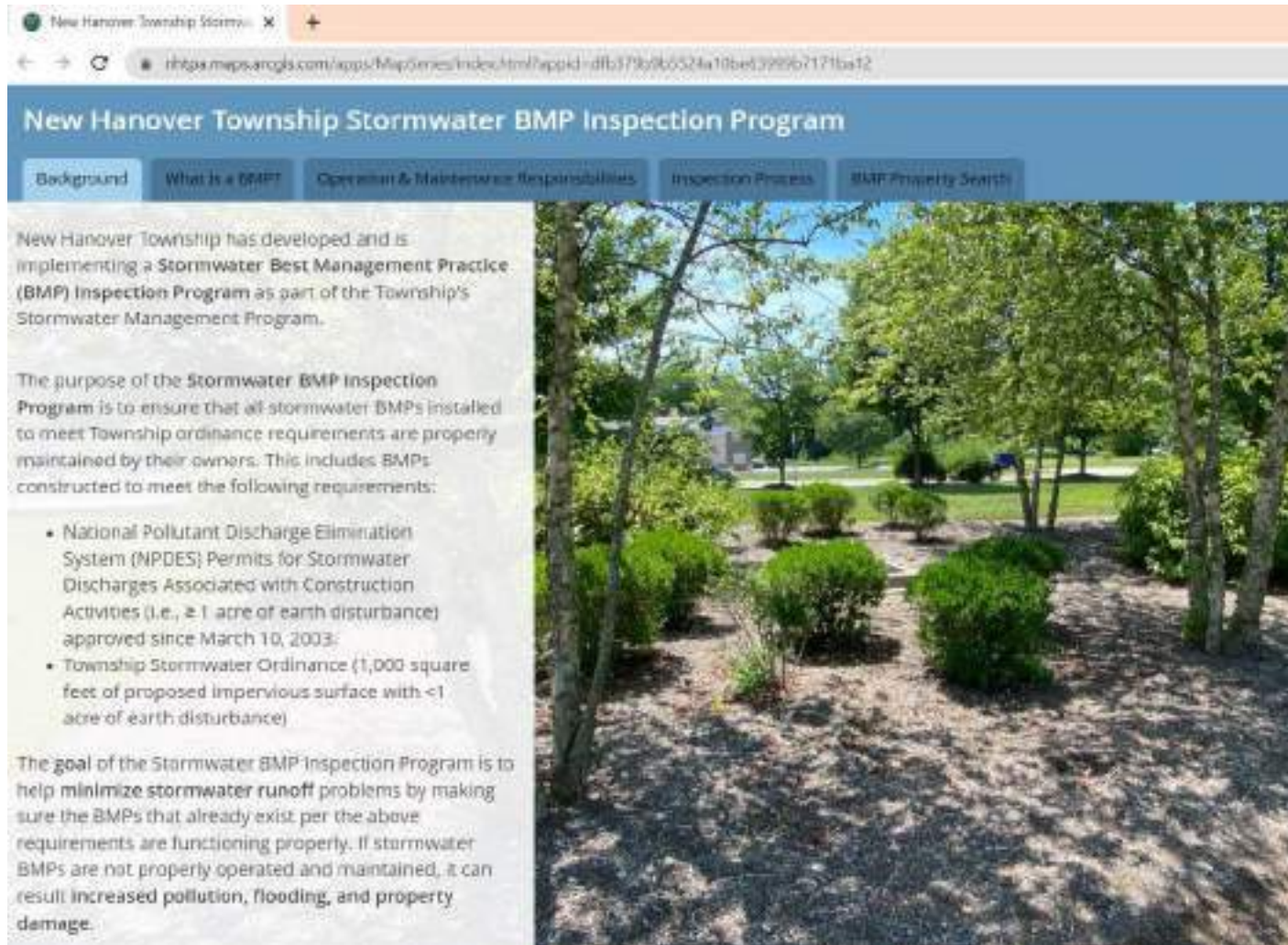
- ☐ Traffic Signals
- ☒ Roads
- ☐ Sanitary Manholes
- ☐ Sanitary Gravity Main
- ☐ Sanitary Low Pressure Main
- ☐ Sanitary Force Main
- ☐ Wastewater Treatment Plant
- ☐ Wastewater Pump Stations
- ☐ Observation Points
- ☐ PCSM BMPs
- ☐ LT1AC BMPs
- ☐ Outfalls

Minimum Control Measure #4 - Construction Site Runoff Control

Statewide program for issuing
NPDES Permits for Stormwater
Discharges Associated with
Construction Activities through PA
DEP, County Conservation District,
and Municipality **SATISFIES** this
permit requirement.



Minimum Control Measure #5 - Post Construction Stormwater Management (PCSM)



Statewide program for issuing NPDES Permits for Stormwater Discharges Associated with Construction Activities through PA DEP, County Conservation District, and Municipality SATISFIES a portion of this permit requirement.

- **Ordinance**
- **Low Impact Development (LID)**
- **PCSM BMP Inventory (BMPs after March 10, 2003)**
- **Ensure proper O&M of BMPs by their responsible parties**

Minimum Control Measure #6 - Pollution Prevention/Good Housekeeping



- **Written Operations and Maintenance (O&M) Program**
- **Inventory of Municipally Owned Facilities and Activities**
- **Written Employee Training Program**
- **Annual Employee Training**

A background image of a river with a small dam or weir in the center. The water is flowing over the dam, creating white foam. The riverbanks are covered with lush green trees and vegetation. The overall scene is a natural, outdoor setting.

Good Housekeeping Tips

- Designate staff for specific activities
- Always document the activities
- Take photographs
- Track material storage/use
- Track materials collected/disposed
- Track spills
- Maintain neat and orderly work areas

Pollutant Control Measures

Steps:

1. Storm Sewershed Map
2. Source Inventory
3. Investigation of Suspected Sources
4. Reporting to PA DEP

Streams Impaired for:

- Metals and/or pH associated with Abandoned Mine Drainage (AMD)
- Pathogens (e.g. Fecal Coliform)
- Priority Organic Compounds (Polychlorinated Biphenyls (PCBs))



Total Maximum Daily Load (TMDL) Plans



Projects (i.e. BMPs) that will reduce the pollutant (TSS, TP, and/or TN) load to the TMDL stream by amounts set in an EPA established report:

Examples include:

- **Rain Gardens**
- **Basin Retrofits**
- **Stream Restoration**
- **Porous Pavement**
- **Green Roofs**
- **Riparian Buffer Enhancement**

Pollutant Reduction Plans



Projects (i.e. BMPs) that will reduce the SEDIMENT and/or NUTRIENT load to ALL IMPAIRED STREAMS by:

- 10% TSS and 5% TP (and 3% TN for Chesapeake Bay PRP) over the 5-year implementation period
- No long-term objectives

Examples include:

- Rain Gardens
- Basin Retrofits
- Stream Restoration
- Porous Pavement
- Green Roofs
- Riparian Buffer Enhancement

EPA Audits / PA DEP Inspections



What do they want to see?

- Clean workspaces
- Labeled chemicals/containers
- Signage
- Preparedness for spills
- Understanding of where stormwater drains
- **DOCUMENTATION!**

What are the potential consequences?

- Fines
- Violations
- May affect ability to obtain other state permits or grants

MCM #3: Illicit Discharge Detection & Elimination

MCM #3 – Illicit Discharge Detection and Elimination (IDDE)

What is an Illicit Discharge?

- Any discharge (or seepage) to a MS4 that is not composed entirely of stormwater.
 - Does not refer to discharges authorized under a NPDES permit.
 - This includes pet waste, leaking dumpsters, grass clippings, sediment runoff from construction sites, parking lot trash, leaf litter, etc.





What are common illicit discharges?

Sewage:

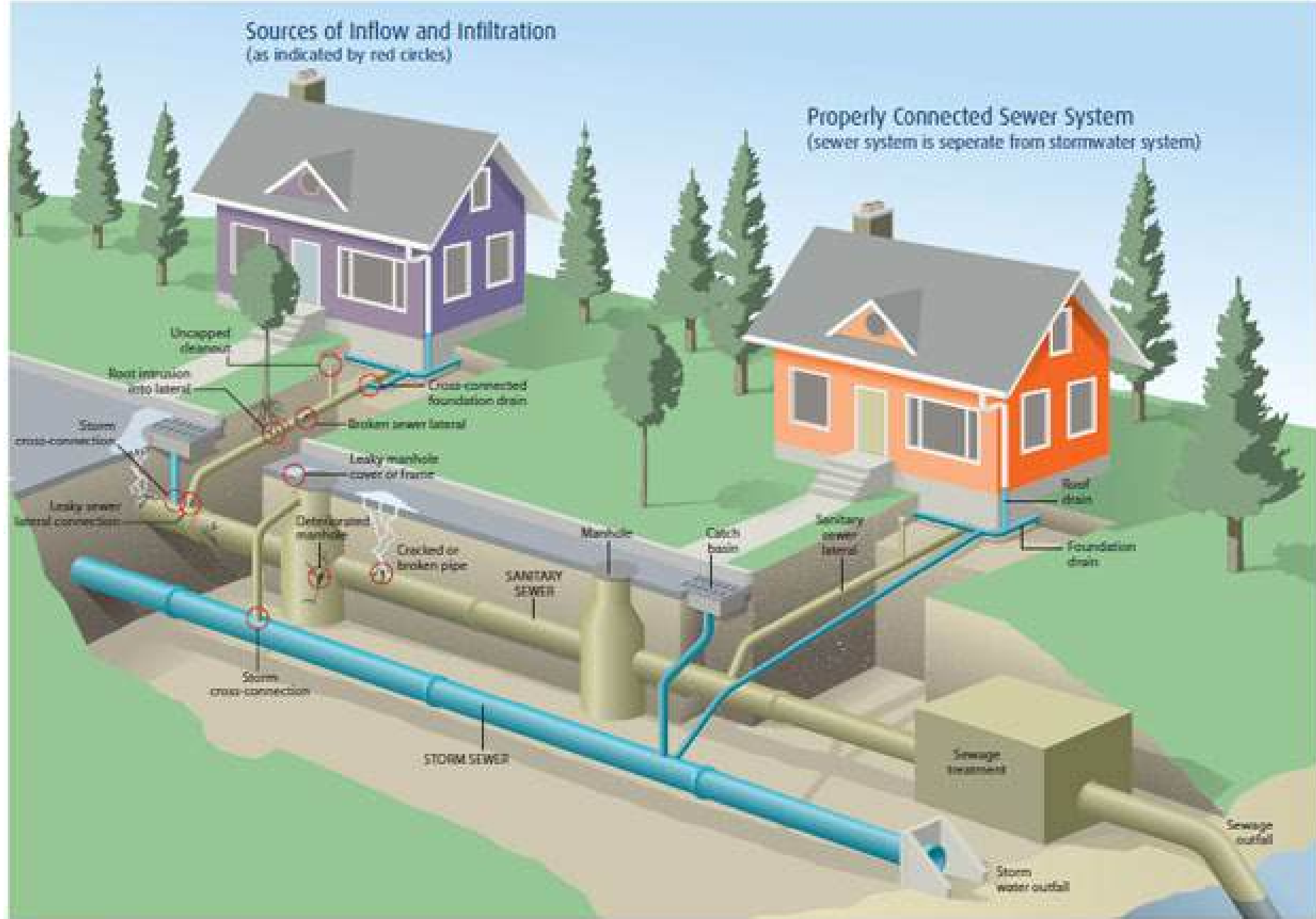
- Broken or leaking sanitary sewer line
- Sewer cross-connections
- Sanitary sewer overflows
- Failing septic systems
- Sump pumps, basement drains, floor drains

Miscellaneous:

- Concrete washout water
- Illegal dumping practices: motor oil, paint
- Restaurant grease

Wash Water:

- Laundry wash water
 - Commercial car washing
 - Floor drains connected to stormwater pipes
-



City of Hamilton, Ontario

Source: <https://madlinecivilian.wordpress.com/2016/02/26/all-mixed-up-sewer-cross-connections-in-hamilton/>

Motor vehicle fluids (oil, etc.)

Color: Rainbow sheen

Odor: Petroleum or gasoline smell



Soaps, detergents

Color: White, grey, cloudy

Odor: Laundry detergent, soaps, or none at all



Sediment

Color: Brown, orange/yellow, "chocolate milk"

Odor: None



Sewage

Color: Grey

Odor: Sulfur, fecal matter



Concrete Washout

Color: whitish discharge

Odor: None



Fertilizer

Color: Algal Growth

Odor: Sulfur, fecal matter



MS4 Permit Requirements for Illicit Discharge Detection and Elimination

6 Best Management Practices (BMPs)

BMP #1: Written IDD&E Program

BMPs #2 and #3: Mapping

BMP #4: Dry Weather Outfall Field Screening

BMP #5: Ordinance prohibiting Non-Stormwater Discharges into the MS4

BMP #6: Educational Outreach specific to IDD&E

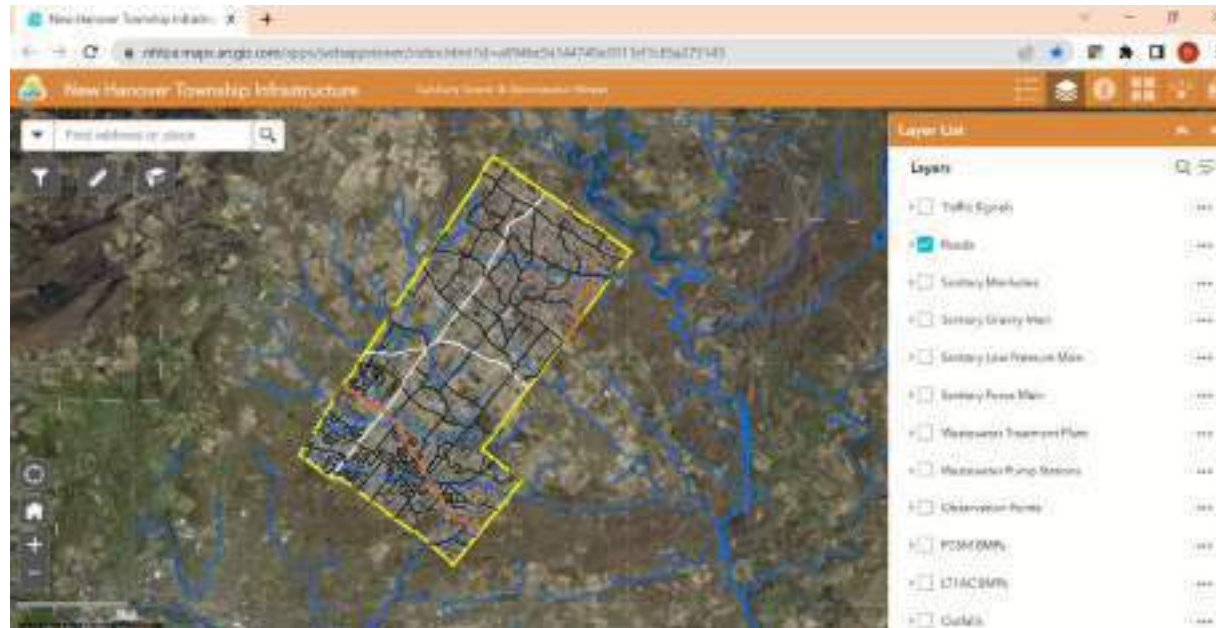


BMP #1. Written IDD&E Program

Develop and implement a written program for the detection, elimination, and prevention of illicit discharges

- **Identify priority areas**
 - **Procedures for screening outfalls**
 - **Procedures for identifying source of illicit discharge**
 - **Procedures for elimination of illicit discharge**
 - **Gain access to private property**
 - **Document, evaluate and assess program**
 - **Address information and complaints from the public**
-

BMP #2 & 3. Mapping Stormwater Systems



BMP #4 IDD&E Outfall Field Screening

What is an Outfall?

- A point source where an MS4 discharges stormwater to surface waters.

How often?

- Once per permit term (every 5 yrs)
- Priority Areas and known Continual Dry Weather Flows: Annually

When?

- “Dry weather” is anytime following the initial 48 hours after a stormwater producing event.

What?

- Dry weather flows
- Color, Turbidity, Sheen, Floating or submerged solids, Odor

Sampling

Compliance & Enforcement per IDD&E Program

Documentation, documentation, documentation.



BMP #4 Priority Outfall Area Identification

Procedure for identification

- Areas with a higher likelihood of illicit discharges, connections or illegal dumping

Example areas:

- Containing older infrastructure
- Concentration of high-risk activities
- History of water pollution

Procedure for screening outfalls

- Dry weather screening
- Lab sampling and testing



Observation Point

Outfall **cannot be accessed** due to safety or other reasons, the permittee shall establish an “**observation point**” at an appropriate location upstream of the outfall where outfall field screening shall be performed.

Outfall- Point where MS4 discharges to surface water



WHAT DO YOU DO WHEN YOU SEE AN ILLICIT DISCHARGE?

Resident: Call Borough

Public Works: Report to MS4 point person

DOCUMENT!!! DOCUMENT!!! DOCUMENT!!!



BMP #5 - IDD&E Stormwater Management Ordinance

Prohibited Discharges

“Any drain or conveyance, whether on the surface or subsurface, that allows any non-stormwater discharge, including sewage, process wastewater, and wash water to enter the municipality's separate storm sewer system or the waters of the commonwealth is prohibited.”

Prohibited Connections

“Any drain or conveyance, whether on the surface or subsurface, that allows any non-stormwater discharge, including sewage, process wastewater, and wash water, to enter a separate storm sewer system, and any connections to the separate storm sewer system from indoor drains and sinks.”

“Any drain or conveyance connected from a commercial or industrial land use to a separate storm sewer system, which has not been documented in plans, maps, or equivalent records and approved by the municipality.”



BMP #5 Eliminating an Illicit Discharge

Voluntary Compliance

Enforcement

Enforcement Notice

Notice of Violation

Citation

Cease & Desist Order

Penalties and fines

Program Documentation

BMP #5 IDD&E Stormwater Management Ordinance

Authorized Discharges

- Discharges or flows from firefighting activities.
- Discharges from potable water sources, including dechlorinated water line and fire hydrant flushing if such discharges do not contain detectable concentrations of total residual chlorine (TRC).
- Noncontaminated irrigation water, water from lawn maintenance, landscape drainage and flows from riparian habitats and wetlands.
- Diverted stream flows and springs.
- Noncontaminated HVAC condensation and water from geothermal systems.
- Residential (i.e., not commercial) vehicle wash water where cleaning agents are not utilized.
- Noncontaminated pumped groundwater and water from foundation and footing drains and crawl space pumps.
- Noncontaminated hydrostatic test water discharges if such discharges do not contain detectable concentrations of TRC.

BMP #6. IDDE Education and Outreach

**Provide educational outreach to public employees,
public in general**

1. Citizen reporting phone number

- **Easy to find on the website**
- **After hours number can be non-emergency police dispatch**

2. Educational outreach: brochures, recycling programs, encourage public reporting, etc.

- **Educate any public staff that drives around as part of their jobs**



Tips

Designate a Public Works staff member to conduct more frequent routine inspections.

Always DOCUMENT inspections, screenings and O&M activities.

Don't just write it down. Take PHOTOS.

Notify Supervisor/Manager immediately if there appears to be an illicit discharge and/or safety concern.

Dry Weather Outfall Field Screening Procedures



“Dry Weather” Outfall Screening

- Looking at and testing flow from pipes, not in-stream
- At least 48 hours after precipitation (runoff-producing rain event)
- During period of low groundwater



Field Assessments

Time of Year Considerations



Winter:

- Frozen flows
- Safety
- Road salt
- Temperature affects on equipment



Spring:

- High groundwater table



Summer:

- Vegetation overgrowth
- Hard to find outfalls

Field Assessments

Time of Year Considerations



Fall:

- Vegetation is low
- Not too cold; good time for field work
- Road salt and groundwater influences at a minimum

3800-FM-BCW0521 12/2015
MS4 Outfall Field Screening Report



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

MS4 OUTFALL FIELD SCREENING REPORT

BACKGROUND INFORMATION

Permittee Name:

NPDES Permit No.: PA

Date of Inspection:

Outfall ID No.:

Land Uses in Outfall Drainage Area (Select All):

- | | |
|-------------------------------------|---|
| ☐ Industrial | ☐ Urban Residential |
| ☐ Commercial | ☐ Suburban Residential |
| ☐ Open Space | ☐ Other: |

Latitude: ° ' "

Longitude: ° ' "

Dry Weather Inspection? ☐ Yes ☐ No

Date of Previous Precipitation:

Amount of Previous Precipitation: in

Inspector Name(s):

Were Photographs Taken? ☐ Yes ☐ No

Are Photographs Attached? ☐ Yes ☐ No

MS4 Outfall Field Screening Report

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	☐ In Water ☐ With Sediment
☐ Open Channel	☐ Concrete ☐ Earthen ☐ Rip-Rap ☐ Other	☐ Trapezoid ☐ Parabolic ☐ Other	Depth: _____ in Top Width: _____ in Bottom Width: _____	

Outfall Type

Open Channel



Closed Pipe



MS4 Outfall Field Screening Report



Submerged: More than $\frac{1}{2}$
below water



Partially submerged: Bottom is
below water



Fully submerged: Can't see outfall

MS4 Outfall Field Screening Report



Trickle Flow: Very narrow stream of water



Moderate Flow: Steady stream, but very shallow depth



Significant flow
(Source is a fire hydrant discharge)

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

If No Dry Weather Flow: MS4 Outfall Field Screening Report

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).

Responsible Official Name

Signature

Telephone No.

Date

If Dry Weather Flow is Present: MS4 Outfall Field Screening Report

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.

MS4 Outfall Field Screening Report

Dry Weather Flow Evaluation

- Do you see a color?
- Do you smell an odor?
- Floatables? Sheen?
- Discoloration in receiving water?



MS4 Outfall Field Screening Report

Dry Weather Flow Evaluation

- Damage to Outfall?
- Pipe Benthic Growth
- Abnormal Vegetation
- Poor Pool Quality



MS4 Outfall Field Screening Report

Foam



“Natural” Foam

- Formed when organic matter decomposes
- Can be caused by turbulence (i.e. waterfalls)
- Does not “last”
- Brownish / tannish edges

“Un-natural” Foam

- Has “staying” power
- Whiter
- May have an odor



MS4 Outfall Field Screening Report

Iron Floc

- Normally a naturally occurring phenomenon resulting from iron bacteria growth.
- These harmless bacteria "bloom" when oxygen, water and iron combine. The bacteria are typically rust-colored and appear oily.
- Generally associated with acidic soils.
- May be especially evident after heavy rains, when iron leaches from the soil.



MS4 Outfall Field Screening Report

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: _____			Oil and Grease		mg/L
Other: _____			Other: _____		

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

Indicator Monitoring

Test chemical makeup of dry weather flows to:

- Find problem discharges not apparent from visual indicators alone
- Test suspect flow to *confirm* if illicit discharge
- Determine *type* of illicit discharge



MS4 Outfall Field Screening Report

Field/Laboratory Analysis

Ammonia

- Concentration much higher in sewage than groundwater or tap water
- Present in some industrial wastes



MS4 Outfall Field Screening Report

Field/Laboratory Analysis

Detergents

- Many illicit discharges have detergents present
- Absent in natural waters and tap water
- Surfactants = active ingredient in most detergents
- Best tested in a lab





Detergents (anionic surfactants, MBAS) — CHEMets Visual Kit

Catalog No.: K-9400

Range: 0-3 ppm

MDL: 0.125 ppm

Method: Methylene Blue

Detergents (MBAS) test kit K-9400 comes in a cardboard box and contains everything needed to perform 20 tests: Refill, Comparator, reaction tube with lid, tip breaking tool, and instructions.

Shelf life: The refill contained in this detergents (MBAS) test kit has a shelf life of 5 months.



WARNING! PROP 65

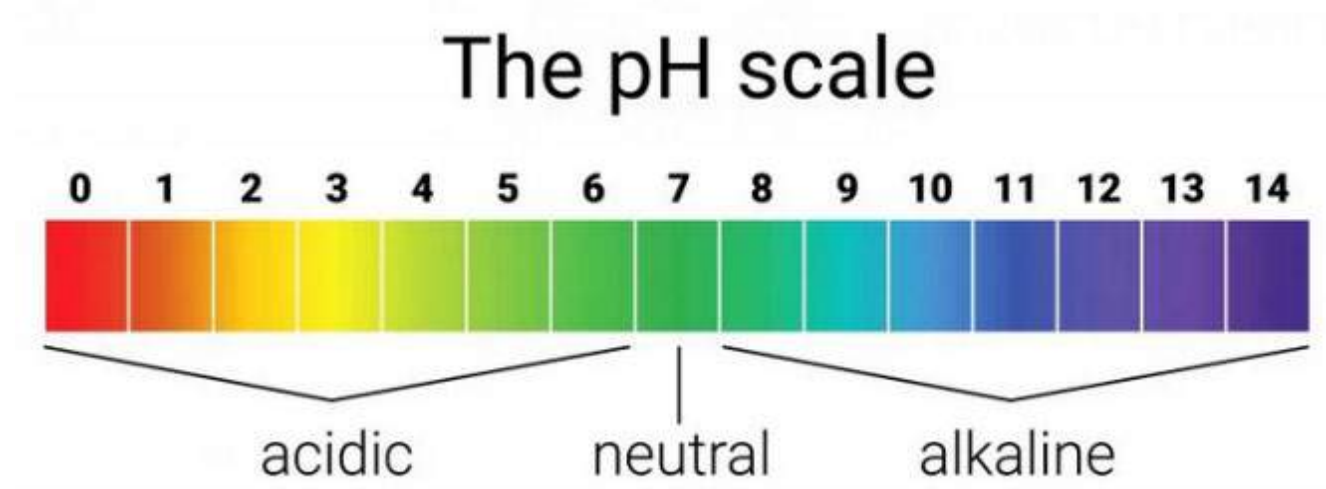
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MS4 Outfall Field Screening Report

Field/Laboratory Analysis

pH

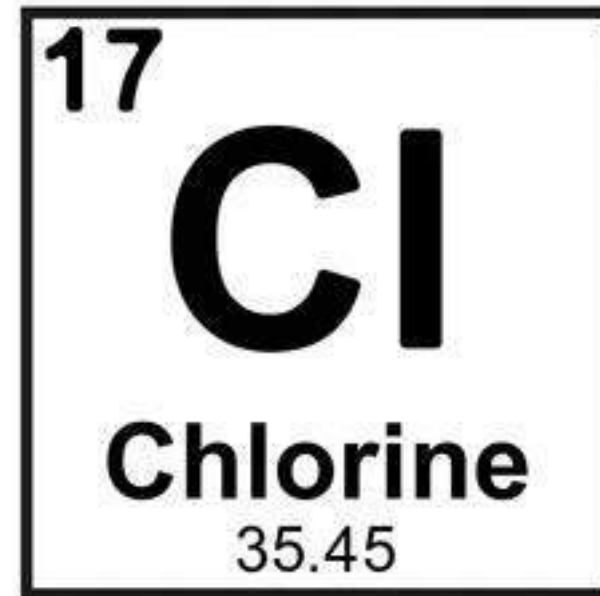
- Good indicator for industrial wastes (very high or low pH)
- Residential wash water is basic (pH of 8-9)
- Inexpensive, simple



MS4 Outfall Field Screening Report Field/Laboratory Analysis

Chlorine

- Used to disinfect tap water
- Highly volatile; alternative is fluoride (if applicable)
- Can indicate water line break, swimming pool discharge, or industrial discharge from chlorine bleaching process



shutterstock.com • 466669517

MS4 Outfall Field Screening Report

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:

MS4 Outfall Field Screening Report

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).

Responsible Official Name

Signature

Telephone No.

Date

Outfall Inspections using Survey123





What to Expect During a PA DEP MS4 Inspection

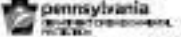
What to Expect at a DEP Inspection...

1. Email from DEP requesting an inspection with suggested dates
2. On-site meeting at the Township Building
3. Walk-through of Township Public Works Facility
4. Inspection of TMDL/PRP BMPs

*Other inspections may include outfalls, construction sites, PCSM BMPs, and/or other municipally owned properties



On-Site Meeting

3808.PM-SCWS401 10/2017
Annual MS4 Status Report


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, 2021 TO JUNE 30, 2022

GENERAL INFORMATION					
Permittee Name:	Westtown Township	NPDES Permit No.:	PA130528		
Mailing Address:	1038 Wilmington Pike	Effective Date:	12/01/2019		
City, State, Zip:	West Chester, PA 19382	Expiration Date:	11/30/2024		
MS4 Contact Person:	Joni Altshul	Renewal Due Date:	06/03/2024		
Title:	Township Manager	Municipality:	Westtown Township		
Phone:	610-692-1935	County:	Chester County		
Email:	jaltshul@westtown.org				
Co-Permittees (if applicable): N/A					
Appendix(es) 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)	TMCL?	WLA?
See Attachment 1					

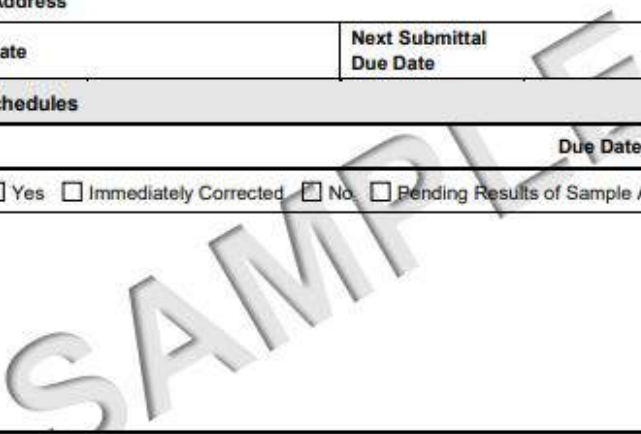
1. Review of Annual MS4 Status Report(s)
2. Review of Stormwater Page on Township Website
3. Will request information or materials not available

➤ **DEP Inspection Report Form (dated June 2022)**

➤ **Available on DEP eLibrary**

MS4 INSPECTION REPORT

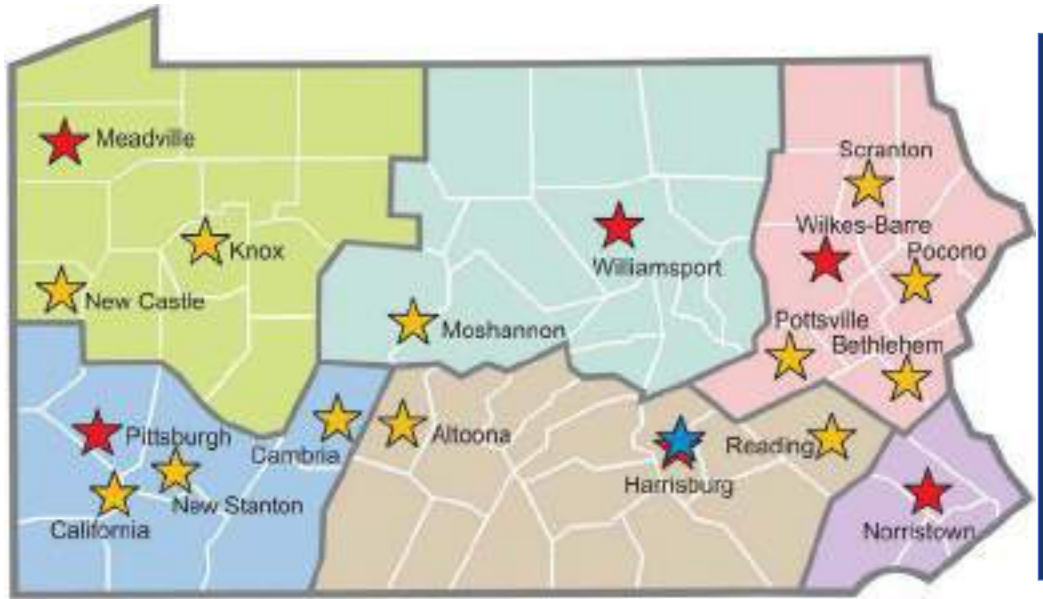
Permit Number	Inspection Date	Entry Time	Exit Time	Inspection Type	Inspection ID

Municipality		County	
Facility Name		Permittee Name	
24-Hour Emergency Contact Person/Phone		Email	
Physical Location Address			
Permit Expiration Date		Next Submittal Due Date	
Overdue Permit Schedules NA ☐			
Type:		Due Date:	
VIOLATIONS* ☐ Yes ☐ Immediately Corrected ☐ No ☐ Pending Results of Sample Analysis			
			
Recommendations			
Person Interviewed	Date	Inspector	Date
Signature	Phone Number	Signature	Phone Number
Title		Title	
Email		Email	
This document is official notification that a representative of the Department of Environmental Protection inspected the above facility. The findings of this inspection are shown above and on any attached pages. *Any violations which were noted during the inspection are indicated. Violations may also be discovered upon examination of the results of laboratory analyses of the discharge and/or review of Department records.			

➤ **DEP will complete as much of the form as they can in advance**

➤ **Be prepared to answer questions to fill in the gaps**

Challenges



1. Staff turnover at DEP
2. Differences in DEP Regional offices
3. Different inspector approaches

What to Expect at an EPA Audit...

1. Email from DEP requesting an inspection with suggested dates
2. Multiple days
3. Conducted by Consultant
4. Walk-through of Township Public Works Facility
5. Inspection of TMDL/PRP BMPs

***Other inspections may include outfalls, construction sites, PCSM BMPs, and/or other municipally owned properties**



Public Works Facility Walk-through



1. Good Housekeeping Practices
2. Vehicle Maintenance
3. Fueling and Containment
4. Vehicle Washing
5. Salt Storage
6. Where Does Everything Drain

Materials Storage & Handling

- Containers, drums, and bags stored away
- All chemicals stored in a designated cabinet
- Chemical, fluids and supplies kept indoors
- If outside, containers to be covered and placed on platforms
- All containers properly labeled









Spill Containment

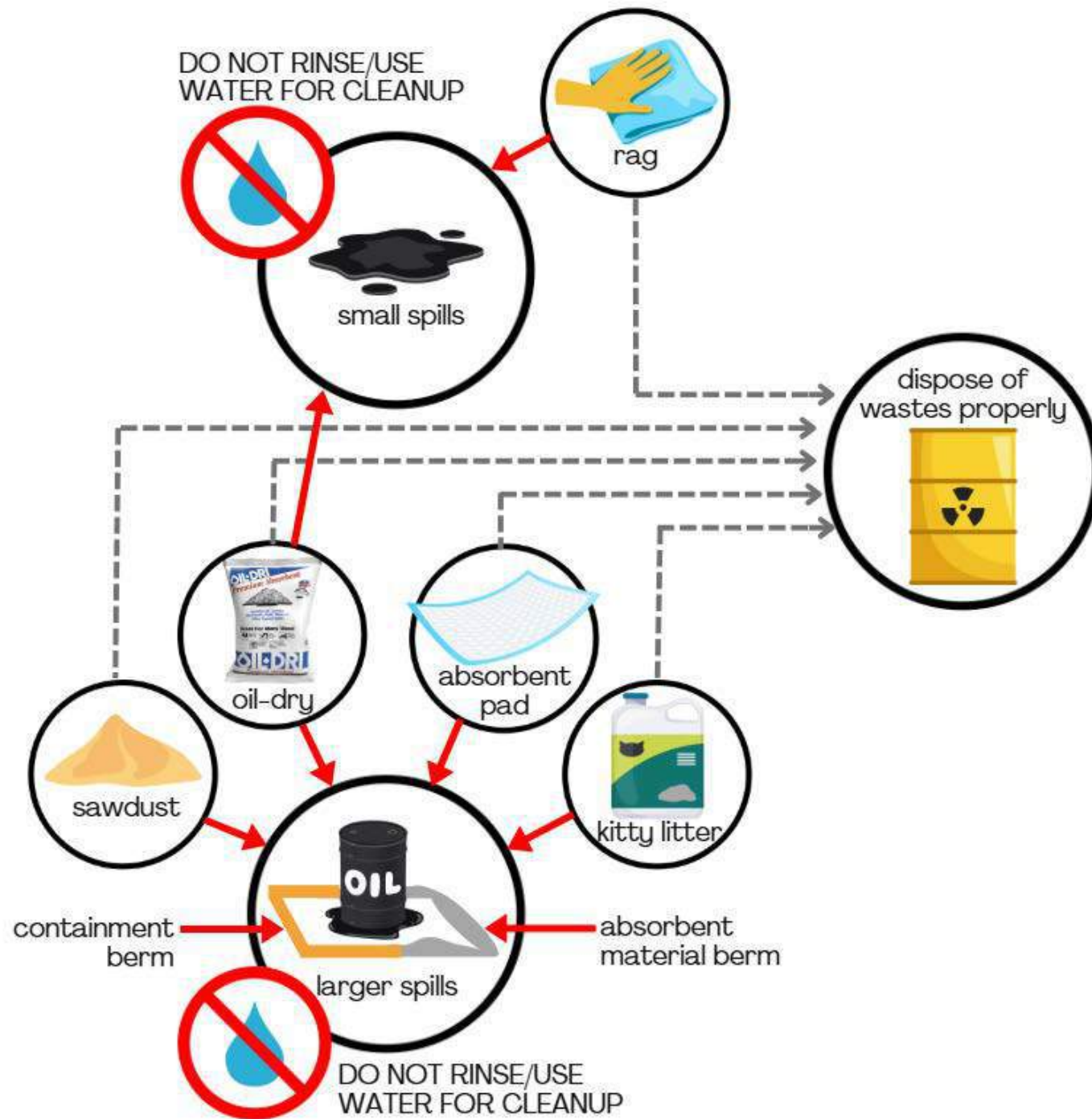


Spills

- Prevent pollutant discharges into floor drains
- Regularly inspect and maintain equipment
- Contain spill with dike, berm, or absorbent materials and dispose of properly after use
- Keep spill clean-up materials on-site and accessible
- Clean-up spills immediately/asap
- If a spill enters the MS4 or a stream/waterbody, must report to PA DEP emergency line!



Spill Kits





Municipal Vehicle Maintenance

- Store oils, grease, and lubricants indoors
- Use dry cleanup methods for spills – DO NOT hose down work areas
- Recycle materials when possible (Antifreeze, used oil, mineral spirits, solvents, etc.)
- Inspect vehicles for leaks
- Dispose of used oil properly





Vehicle Washing

- **DO NOT** wash on surfaces that drain directly to the MS4 or a stream / waterbody
- Wash vehicles at car-wash or specialized facility for proper wastewater treatment
- Documentation of off-site cleaning practices



Vehicle Fueling

- Secondary containment
- Spill kit accessibility
- Labeling / tank size



Salt Storage

- Keep covered
- Ensure salt is not running outside of storage area
- Track amount used



Before



After



Public Works Facility Drainage

- Where do your floor drains outlet?
- Where do stormwater inlets discharge?
- Consider routing to oil/water separator then sanitary sewer

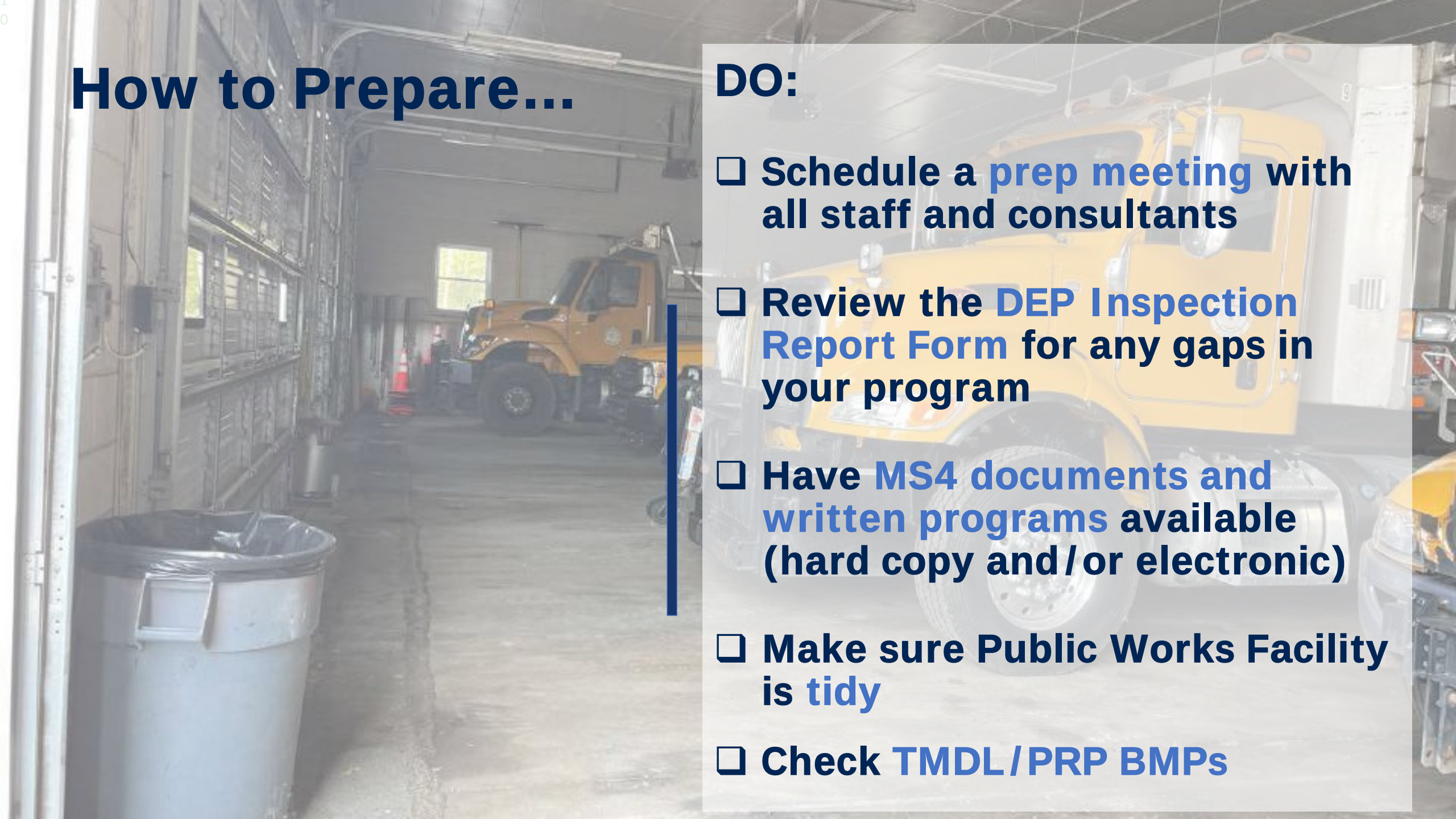


TMDL/Pollutant Reduction Plan BMP Inspection



1. Has it been installed?
2. Is it installed per plan?
3. Is it being maintained properly?

How to Prepare...

The background image shows the interior of a large, industrial-style garage or workshop. On the left, there is a large grey trash can. In the center, a yellow utility truck is parked. The floor is concrete, and the walls are made of metal panels. A blue vertical line is positioned to the right of the truck.

DO:

- ☐ Schedule a **prep meeting** with all staff and consultants
- ☐ Review the **DEP Inspection Report Form** for any gaps in your program
- ☐ Have **MS4 documents and written programs** available (hard copy and/or electronic)
- ☐ Make sure **Public Works Facility** is **tidy**
- ☐ Check **TMDL/PRP BMPs**

How to Prepare...

DON'T:

- ✓ Wait until the last minute
- ✓ Worry too much, RELAX!





THANK YOU

Paige Buzard

Landscape Architect

Center for Watershed
Protection

prb@cwpp.org

443-420-7912

Julie Schneider

Watershed Planner

Center for Watershed
Protection

jas@cwpp.org

410-696-3971

NPDES MS4 Program Training Sign-In

Greater Plymouth Community Center
2910 Jolly Road, Plymouth Meeting, PA 19462
Friday, October 20, 2025 at 9:00am - 11:00am

- Overview of NPDES MS4 Permit Program (Paige Buzard, CWP)
- IDDE and Outfall Field Screening (Julie Schneider, CWP)
- What to Expect During a PA DEP Inspection (Paige Buzard, CWP)

Photo Release*	Name	Affiliation	Email
	CHRIS LOSCHIAVO	Plymouth Township	CLOSCHIAVO@PLYMOUTH.TOWNSHIP.ORG
	Michael Nesfer	Lower prov	MKMN1110@aol.com
	James Alexander	Lower Providence	jalexander@lowerprovidence.org
	FRANK Saloma	Plymouth Township	FSaloma@plymouthtownship.org
	Shane Hammer	plymouth twp	shanehammer@gmail.com
	PLI1 Brady	Plymouth Twp	PBrady@plymouthtownship.org
	Zach Nikander	Plymouth Township	Zachnik14@gmail.com
	Matthew Woerner	Lower Moreland Twp	mwoerner@lowermoreland.org
	Zachary Woerner	Lower Moreland Twp	Theamazingzack@yahoo.com
	Brendan Tracey	Lower Moreland Twp	brendantracey03@gmail.com
	Tim Castorini	Lower Moreland Twp	tcastorini@LowerMoreland.org
	Josh Neuffer	Lower Moreland Twp	JN2310@verizon.net
	Raymond Dawes	Springfield Twp	rdawes@springfieldmonta.org
	IAN HAMMER	Springfield Twp	ihammer@springfieldmonta.org
	Chris Clewell	Plymouth Township	coastalclewell@gmail.com
	Mike Mrozinski	Lower Providence	mmrozinski@lowerprovidence.org
	Paul Donnelly	Lower Providence	pdonnelly@lowerprovidence.org

*Photo Release: This event may be photographing and videotaping. By attending, you are allowing your image to be used in its discretion if included as part of group photos or videos of the attendees. Should you not want to be included, please identify yourself to an event organizer so that you can be directed to an area not likely to be photographed.

CENTER FOR
WATERSHED

Jeff Grosskopf

Woodrow's Assoc

jeffg@woodrowinc.com

JUSTIN STOTTEN

SKIPPAW TWP

JUSTITIAN@SKIPPAW TWP.NJ.GOV



STORMWATER MANAGEMENT PROGRAM EMPLOYEE TRAINING PROGRAM

Skipack Township

Montgomery County, PA

4089 Heckler Rd.

Skipack, PA 19474

June 2026



CENTER FOR
**WATERSHED
PROTECTION**

Center for Watershed Protection, Inc.
11711 East Market Place, Suite 200, Fulton, MD 20759
www.cwp.org

TABLE OF CONTENTS

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1. Introduction

As part of Skippack Township's Stormwater Management Program (SMP), this Employee Training Program has been developed and implemented. The Employee Training Program is required through the National Pollution Discharge Elimination System Municipal Separate Storm Sewer System (NPDES MS4) Permit issued by the Pennsylvania Department of Environmental Protection (PA DEP). The Employee Training Program complies with Minimum Control Measure (MCM) #6, Best Management Practice (BMP) #3 to educate Township employees on the Stormwater Management Program so they can participate in reducing and preventing the discharge of pollutants from municipal operations to the regulated MS4.

This Employee Training Program covers targeting employees for training, requirements of trainers, as well as the frequency, location and training topics. This program also outlines required documentation, setting of annual goals and reporting. The Township's Employee Training Program will be renewed annually and updated as necessary.

2. Frequency

A training should be conducted at least once annually. A higher frequency of trainings is recommended to encourage greater awareness of stormwater management, capture a greater audience, and address seasonal changes in the workforce and maintenance needs. Smaller and/or more targeted trainings can be worked into existing trainings that the Township already provides as refreshers on stormwater topics. It is recommended that trainings covering seasonally relevant topics such as inspections or maintenance practices occur prior to those related actions to better prepare Township employees.

3. Location

Trainings may be held at the Township municipal building, in the field/at a project site, a wastewater treatment plant, or other location that is deemed appropriate for the topics covered. A classroom setting may be the ideal place for a training session. The controlled setting of a classroom provides a formal location to present and distribute NPDES MS4 permit information. Field visits during training sessions may also be valuable and add a hands-on component that would be engaging to trainees. Topics for field trainings may include mock inspections, discussing illicit discharge detection and elimination, and mock outfall field screenings. Depending on the topic, virtual trainings or recorded webinars may also be used as part of the training program.

4. Target Audiences

Training and education are important in preventing stormwater pollution. A well-developed training and education program can help Township staff follow proper pollution prevention and good housekeeping practices and keeps staff well-informed of changes and updates to the MS4 permit. The Employee Training Program targets all relevant employee and contractor audiences that operate within the Township including:

- Public Works Staff
- Administration
- Utility Companies, other Municipal Employees and Contractors

The Townships Public Works staff are directly involved with the operations and maintenance of MS4 infrastructure, the sanitary sewer system, parks and recreational facilities, equipment and vehicle repair and property maintenance. The training and education sessions will be most applicable to this audience because they are interacting with NPDES MS4 permit requirements on a daily basis. They should be offered annual refresher courses on reporting procedures and documentation practices to ensure consistency of documents, use of applicable technologies for tracking and reporting, as well as other topics listed in Table 1.

Administrative staff consist of office staff that work at the Township. MS4 permit training and education is useful to administration staff because of their consistent interactions with the public and use of public facilities. Training topics useful for this audience will identify the individuals responsible for implementation and oversight of (maintenance, documentation, inspection, and reporting) tasks, which departments conduct such activities, how to maintain records, and provide a general understanding of the NPDES MS4 permit and stormwater pollution prevention.

Utility companies and other municipal employees and contractors can also benefit from receiving training and education on stormwater management, pollution prevention and the NPDES MS4 permit requirements. Electrical companies, water supply companies, hired contractors working on municipal projects, and the Township police department all work within the Township and can assist with activities such as recognizing and reporting illicit discharges and dumping into the stormwater conveyance system while conducting their daily work tasks.

New Township employees should be introduced to the requirements of the NPDES MS4 permit as well as activities and responsibilities of their department. They should be trained on pollution prevention and good housekeeping practices at municipal facilities,

reporting and safety protocols and forms and current applicable technologies for tracking and reporting.

5. Trainers

The trainings may be conducted by Township staff or outside organizations/personnel, depending on the topics presented and the trainers relevant experience with the topic. The persons conducting the trainings must be familiar with the NPDES MS4 permit requirements as well as the regular activities of the Township.

Options for virtual trainings through the PA DEP Clean Water Academy are available online on the PA DEP MS4 Training webpage¹.

6. Topics

Training topics will focus on how stormwater pollution can be reduced or prevented through municipal operations, inspection, maintenance and repair activities. Topics will be tailored to meet the training and education needs of target audiences but may include:

- The basics of the NPDES MS4 permit,
- Recognizing, locating, and reporting the source of illicit dumping into the stormwater conveyance system,
- Proper disposal of wastes removed from yards and stormwater conveyance systems,
- Proper handling, storage, and disposal of hazardous materials,
- Vehicle and equipment washing best management practices,
- Record keeping and submission of records, and
- Measures used to track compliance.

Training topics associated with specific audiences are suggested in Table 1.

¹ PA DEP MS4 Training webpage: <https://www.pa.gov/agencies/dep/programs-and-services/water/clean-water/stormwater-management/municipal-stormwater/training>

Table 1: Training Topics for Select Audiences

Training Topics for Select Audiences	
Audience	Training Topics
Public Works Staff	• Right-of-way maintenance, • Street sweeping, • Park and open space maintenance, • Municipal building and facility maintenance, • Mock inspections of BMPs and Municipal facilities, • Mock stormwater outfall field screenings, • Identification and removal procedure for yard waste dumping, • Proper disposal of wastes removed during stormwater facility maintenance, • Proper handling, storage, and disposal of hazardous materials, • NPDES MS4 inspection, scheduling, reporting and documenting requirements, and • What to do in the event of spill.
Administration	• Municipal building maintenance, • NPDES MS4 inspection, scheduling, reporting and documenting requirements, and • Public outreach, education, and implementation goals and practices.
Utility Companies and Municipal Contractors	• Right-of-way maintenance • Vehicle and equipment operation, fueling, maintenance and washing best management practices, and • Reporting procedures for illicit discharges, dumping, or other stormwater pollution issues.
General Topics for All Audiences	
• Basic NPDES MS4 requirements, • Recognizing, reporting, and locating illicit discharges and illegal dumping, • General storm sewer system inspections and maintenance/repairs, • Municipal building maintenance, • New construction and land disturbances, • Hazardous materials, • Ordinance requirements, • Snow removal/de-icing, • Lawns, ground care, and landscaping BMPs, and • Material transfer operations.	

7. Documentation

Each training must be documented in writing to be reported in the Annual NPDES MS4 Status Reports. These records are important to document that the trainings officially occurred and attendees received necessary and relevant training and education. Sign-in sheets or registration forms for trainings will include the date of training, attendees

name (and department if applicable) and contact information if a follow-up email or notification will be sent. Other items that need to be documented include the name and topic of the training covered, the name of the training presenter(s) and handouts or copies of presentation (if applicable).

8. Annual Goals

The Township aims to provide all current and incoming Township employees with information relevant to the NPDES MS4 permit requirements and the numerous municipal activities that contribute to the Township's compliance. All applicable trainees must be trained annually and all applicable topics shall be covered (Table 1).

9. Annual Reporting and Accomplishments

The Township is required to submit Annual NPDES MS4 Status Reports to the PA DEP by September 30th each year. These reports shall be available to the public by request. The Employee Training Program accomplishments will be reported in the Annual NPDES MS4 Status Reports.

**MUNICIPAL SEPERATE STORM SEWER SYSTEM
ANNUAL MS4 STATUS REPORT**



APPENDIX F

Total Maximum Daily Load / Pollutant Reduction Plan

- Cholet Farms Stream Restoration Plans

UNT TO SKIPPACK CREEK AT CHOLET FARMS FLOODPLAIN RESTORATION - PRELIMINARY DESIGN

SKIPPACK TOWNSHIP, MONTGOMERY COUNTY , PA



SITE MAP

1" = 300'

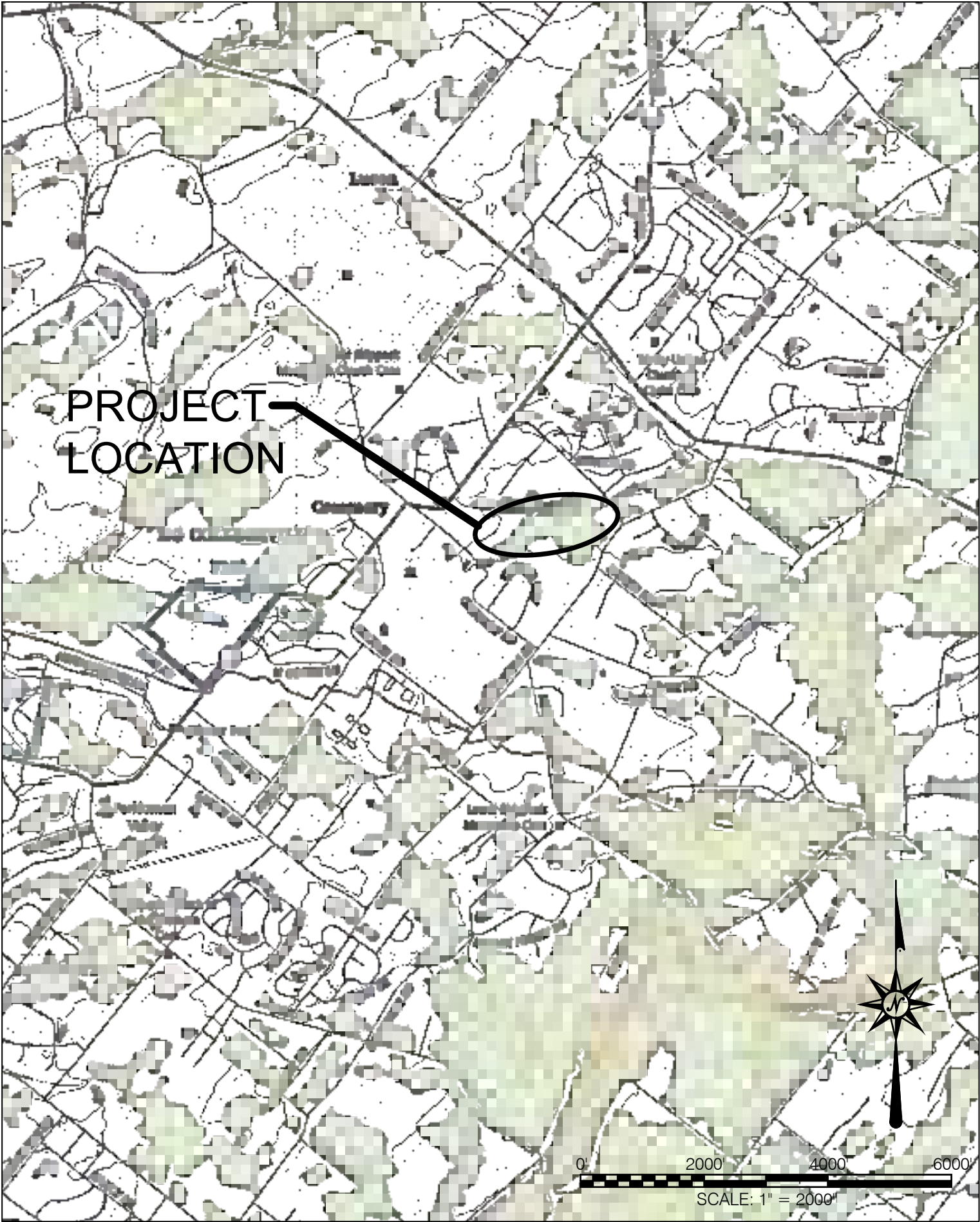


717-627-4440
landstudies.com
land@landstudies.com
315 North Street
Lititz, PA 17543

SHEET LIST INDEX	
SHEET NUMBER	SHEET TITLE
1	TITLE SHEET
2	KEY MAP
3	EXISTING FEATURES AND DEMOLITION PLAN
4	EXISTING FEATURES AND DEMOLITION PLAN
5	EXISTING FEATURES AND DEMOLITION PLAN
6	EXISTING FEATURES AND DEMOLITION PLAN
7	GRADING PLAN
8	GRADING PLAN
9	GRADING PLAN
10	GRADING PLAN
11	DESIGN PROFILES
12	DESIGN PROFILES
13	CROSS SECTIONS
14	DESIGN DETAILS

CLIENT ADDRESS:
SKIPPACK TOWNSHIP
4089 HECKLER ROAD, P.O. BOX 164
SKIPPACK, PA 19474

ALICE EASTMURE
SKIPPACK TOWNSHIP
PHONE: (610) 454-0909

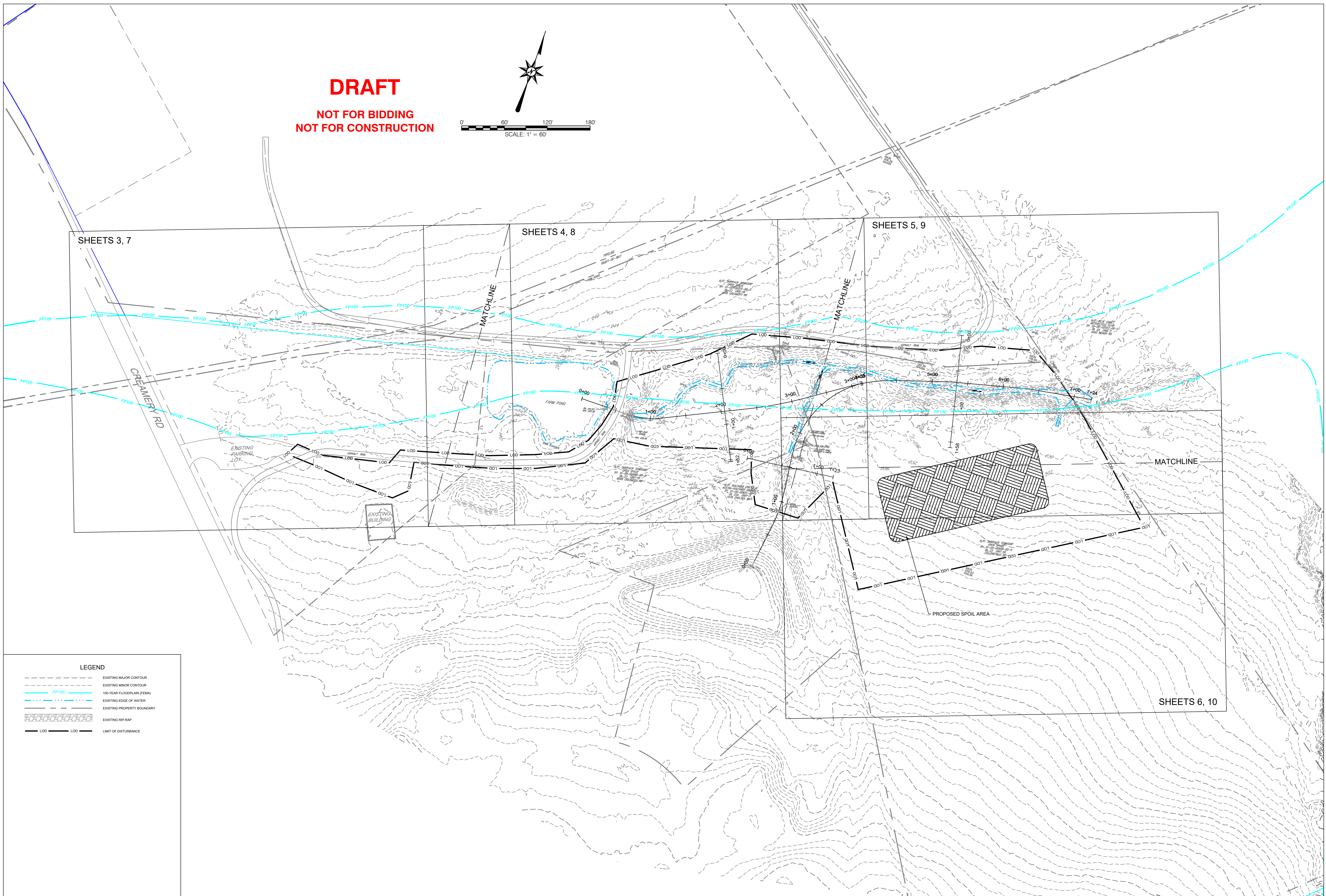
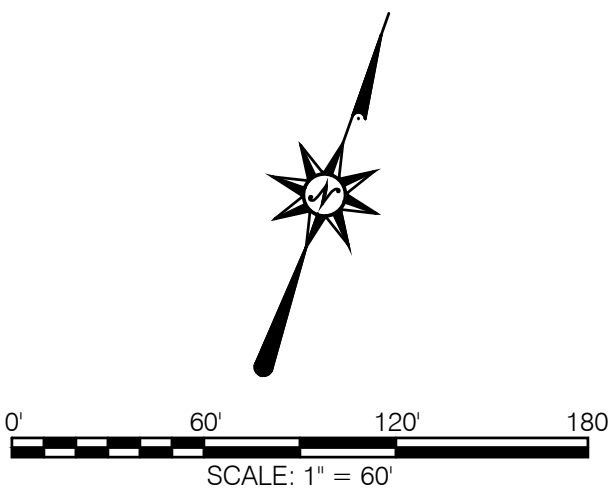


LOCATION MAP

1" = 2,000'
7.5' USGS QUADRANGLE
WIND RIDGE AND NEW FREEPORT, PA

DRAFT
NOT FOR BIDDING
NOT FOR CONSTRUCTION

DRAFT
NOT FOR BIDDING
NOT FOR CONSTRUCTION



LEGEND

- 30' --- EXISTING MAJOR CONTOUR
- 10' --- EXISTING MINOR CONTOUR
- FP100 100-YEAR FLOODPLAIN (FEMA)
- --- EXISTING EDGE OF WATER
- --- EXISTING PROPERTY BOUNDARY
- EXISTING RIP-RAP
- LOD --- LOD --- LIMIT OF DISTURBANCE

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land@landstudies.com
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PROJECT:
UNT TO SKIPPAK TRIBUTARY AT CHOLET FARMS

SKIPPAK TOWNSHIP
4089 HECKLER ROAD, P.O. BOX 164
SKIPPAK, PA 19474

SHEET TITLE:
KEY MAP

REVISIONS		
NO.	DATE	DESCRIPTION

SIGNATURE BLOCK

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D-2317.1

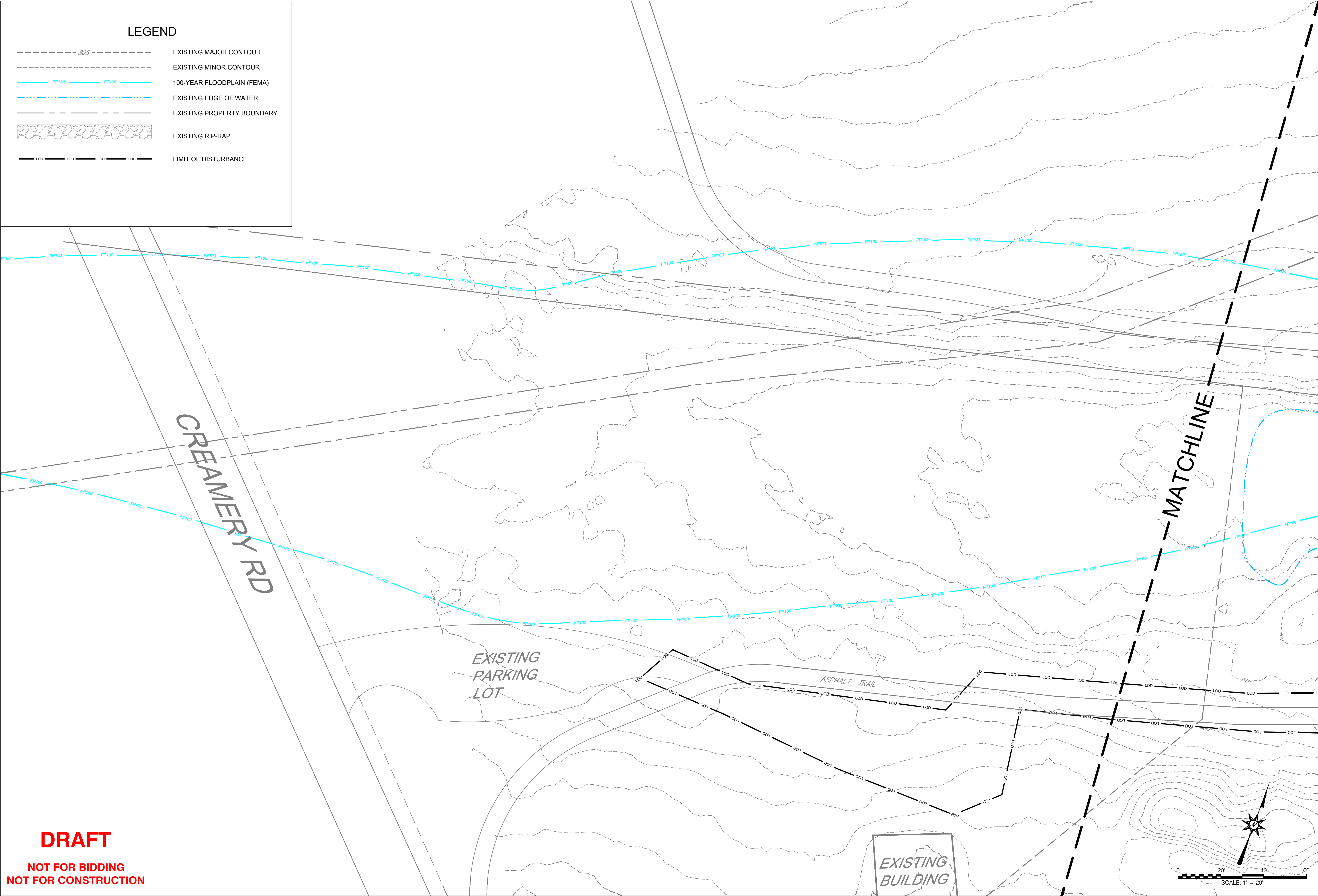
DRAWN BY:
BH

CHECKED BY:
BU

DATE:
06/05/2026

SCALE:
1"=60'

SHEET NUMBER:
2
OF 25



LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- 100-YEAR FLOODPLAIN (FEMA)
- EXISTING EDGE OF WATER
- EXISTING PROPERTY BOUNDARY
- EXISTING RIP-RAP
- LIMIT OF DISTURBANCE

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land@landstudies.com

Land

studies

315 North Street

Lititz, PA 17543

PROJECT:

UNIT TO SKIPPACK TRIBUTARY AT CHOLET FARMS

SKIPPACK TOWNSHIP

4089 HECKLER ROAD, P.O. BOX 164

SKIPPACK, PA 19474

SHEET TITLE:

EXISTING CONDITIONS AND DEMOLITION PLAN

REVISIONS		
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PROJECT NUMBER

D-2317.1

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DATE:

06/05/2026

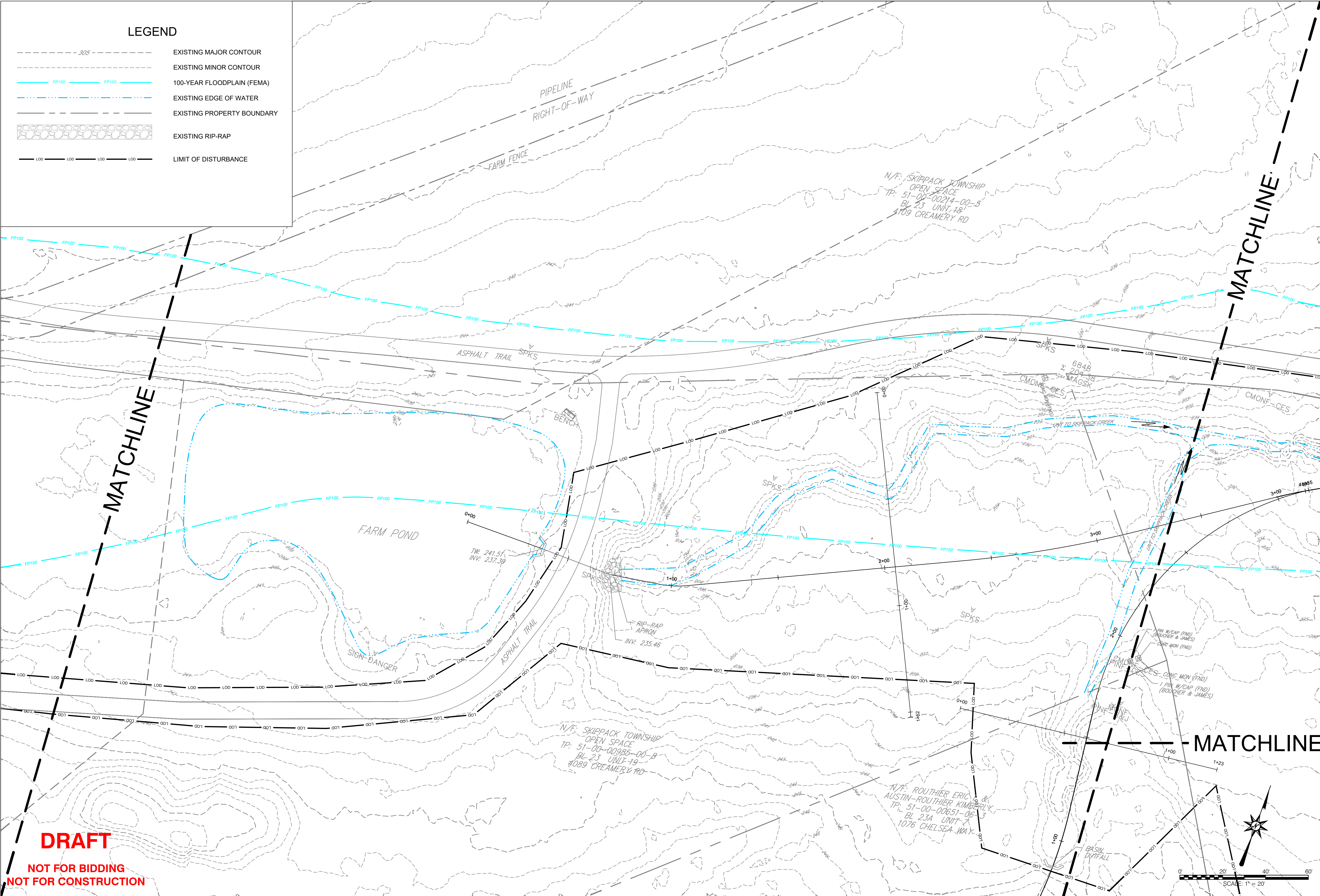
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1"=20'

SHEET NUMBER:

3

OF 25



LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- 100-YEAR FLOODPLAIN (FEMA)
- EXISTING EDGE OF WATER
- EXISTING PROPERTY BOUNDARY
- EXISTING RIP-RAP
- LIMIT OF DISTURBANCE

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Land studies

PROJECT:
UNT TO SKIPPACK TRIBUTARY AT CHOLET FARMS

SKIPPACK TOWNSHIP
4089 HECKLER ROAD, P.O. BOX 164
SKIPPACK, PA 19474

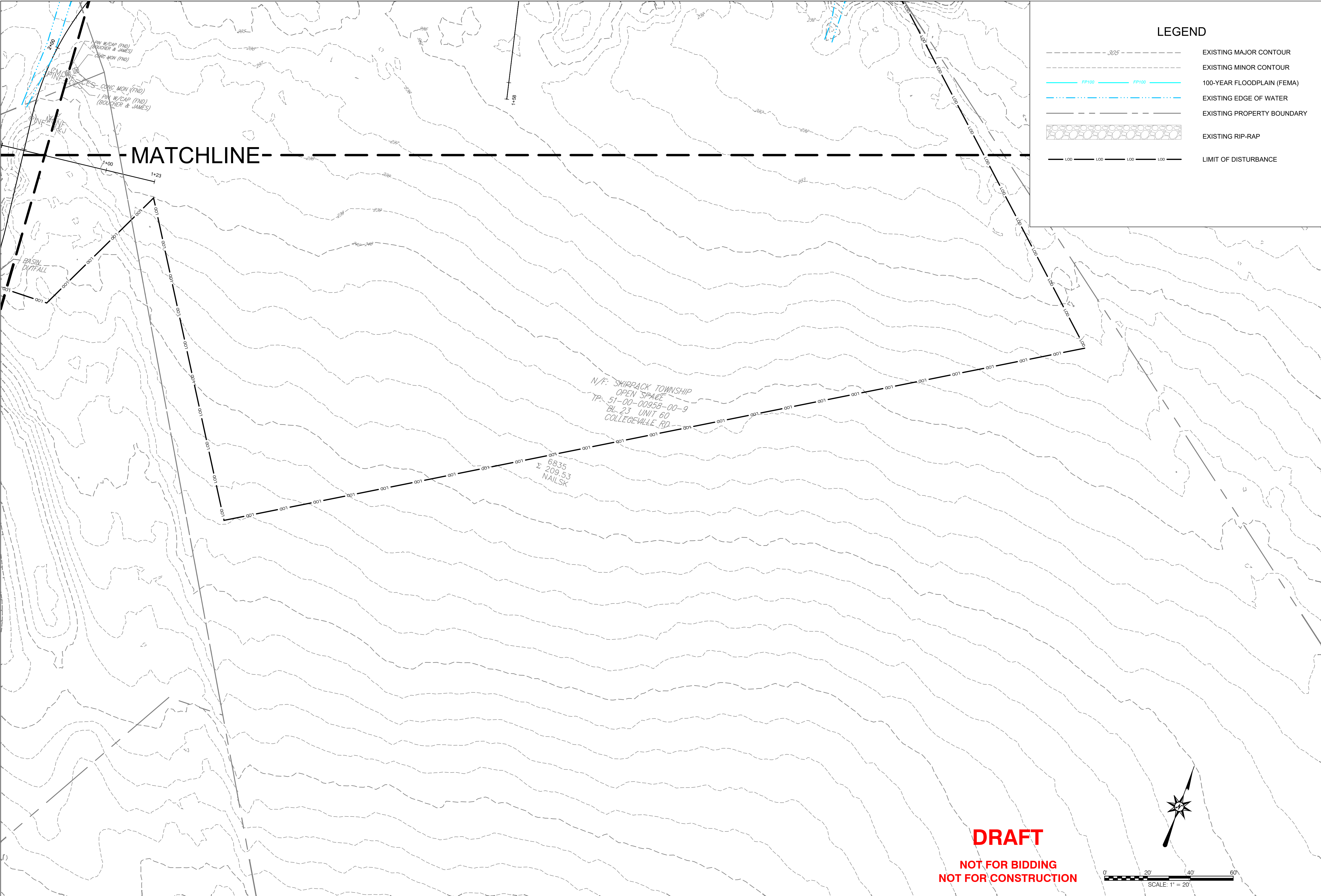
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EXISTING CONDITIONS AND DEMOLITION PLAN

REVISIONS		
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CHECKED BY: BU
DATE: 06/05/2026
SCALE: 1"=20'

SHEET NUMBER:
4
OF 25



LEGEND

EXISTING MAJOR CONTOUR

EXISTING MINOR CONTOUR

100-YEAR FLOODPLAIN (FEMA)

EXISTING EDGE OF WATER

EXISTING PROPERTY BOUNDARY

EXISTING RIP-RAP

LIMIT OF DISTURBANCE

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landstudies.com

land@landstudies.com

315 North Street

Lititz, PA 17543

PROJECT:

UNIT TO SKIPPAK TRIBUTARY AT CHOLET FARMS

SHEET TITLE:

EXISTING CONDITIONS AND DEMOLITION PLAN

REVISIONS

NO.	DATE	DESCRIPTION

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CHECKED BY:

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DATE:

06/05/2026

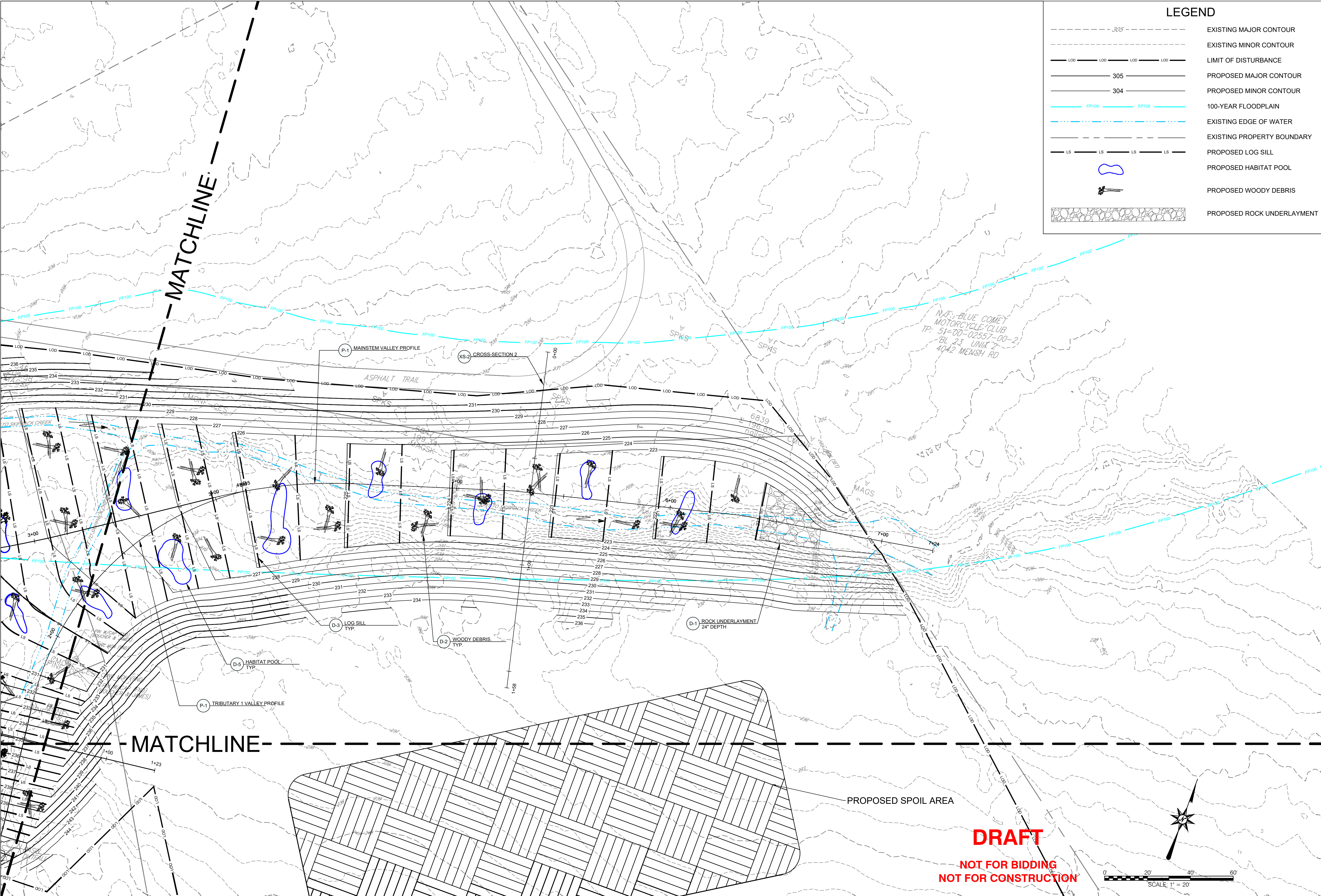
SCALE:

1"=20'

SHEET NUMBER:

6

OF 25



LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- LIMIT OF DISTURBANCE
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- 100-YEAR FLOODPLAIN
- EXISTING EDGE OF WATER
- EXISTING PROPERTY BOUNDARY
- PROPOSED LOG SILL
- PROPOSED HABITAT POOL
- PROPOSED WOODY DEBRIS
- PROPOSED ROCK UNDERLAYMENT

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Lititz, PA 17543

Land studies

PROJECT:
UNT TO SKIPPACK TRIBUTARY AT CHOLET FARMS

SKIPPACK TOWNSHIP
4089 HECKLER ROAD, P.O. BOX 164
SKIPPACK, PA 19474

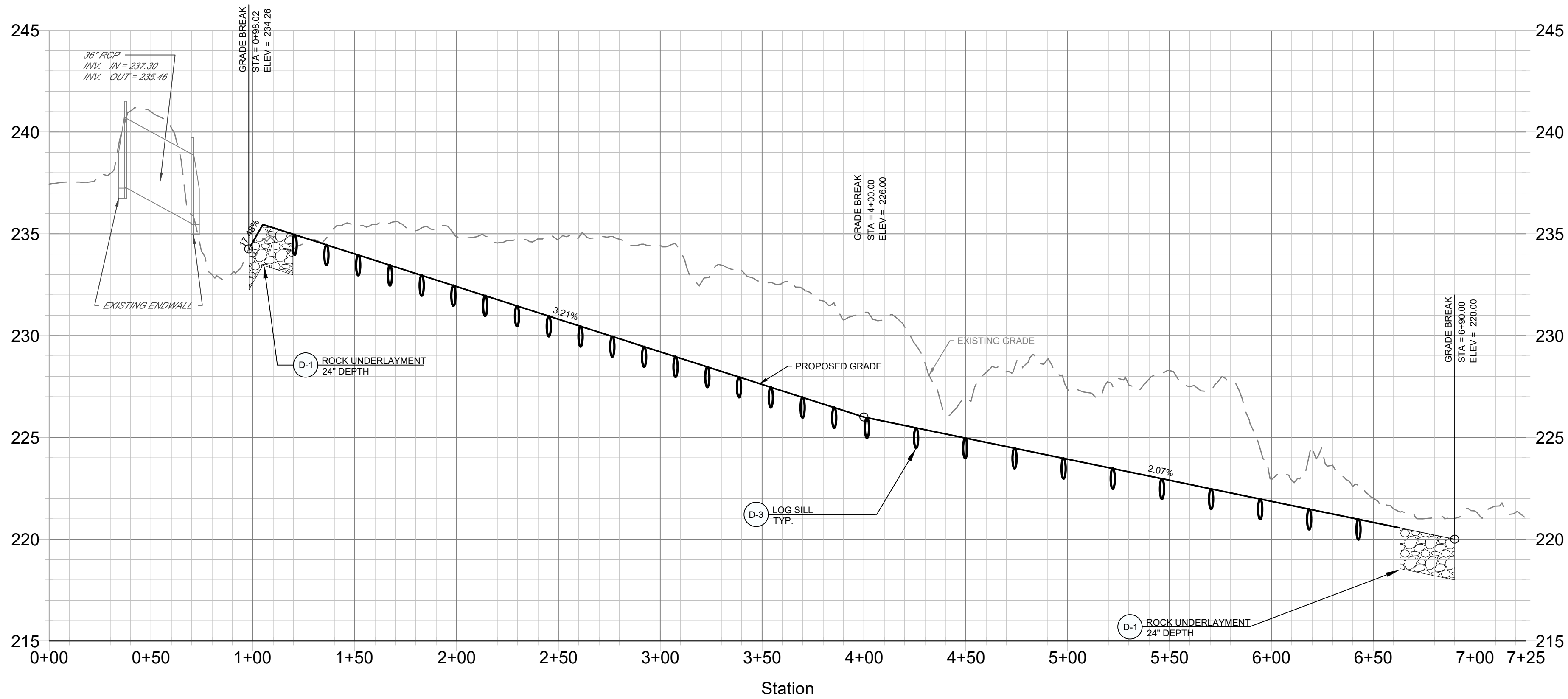
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GRADING PLAN

REVISIONS		
NO.	DATE	DESCRIPTION

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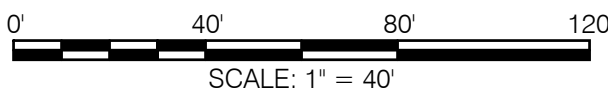
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DRAWN BY: BH
CHECKED BY: BU
DATE: 06/05/2026
SCALE: 1"=20'

SHEET NUMBER:
9
OF 25



P-1 MAINSTEM VALLEY PROFILE
1"=40'

DRAFT
NOT FOR BIDDING
NOT FOR CONSTRUCTION



REVISIONS		
NO.	DATE	DESCRIPTION

SIGNATURE BLOCK

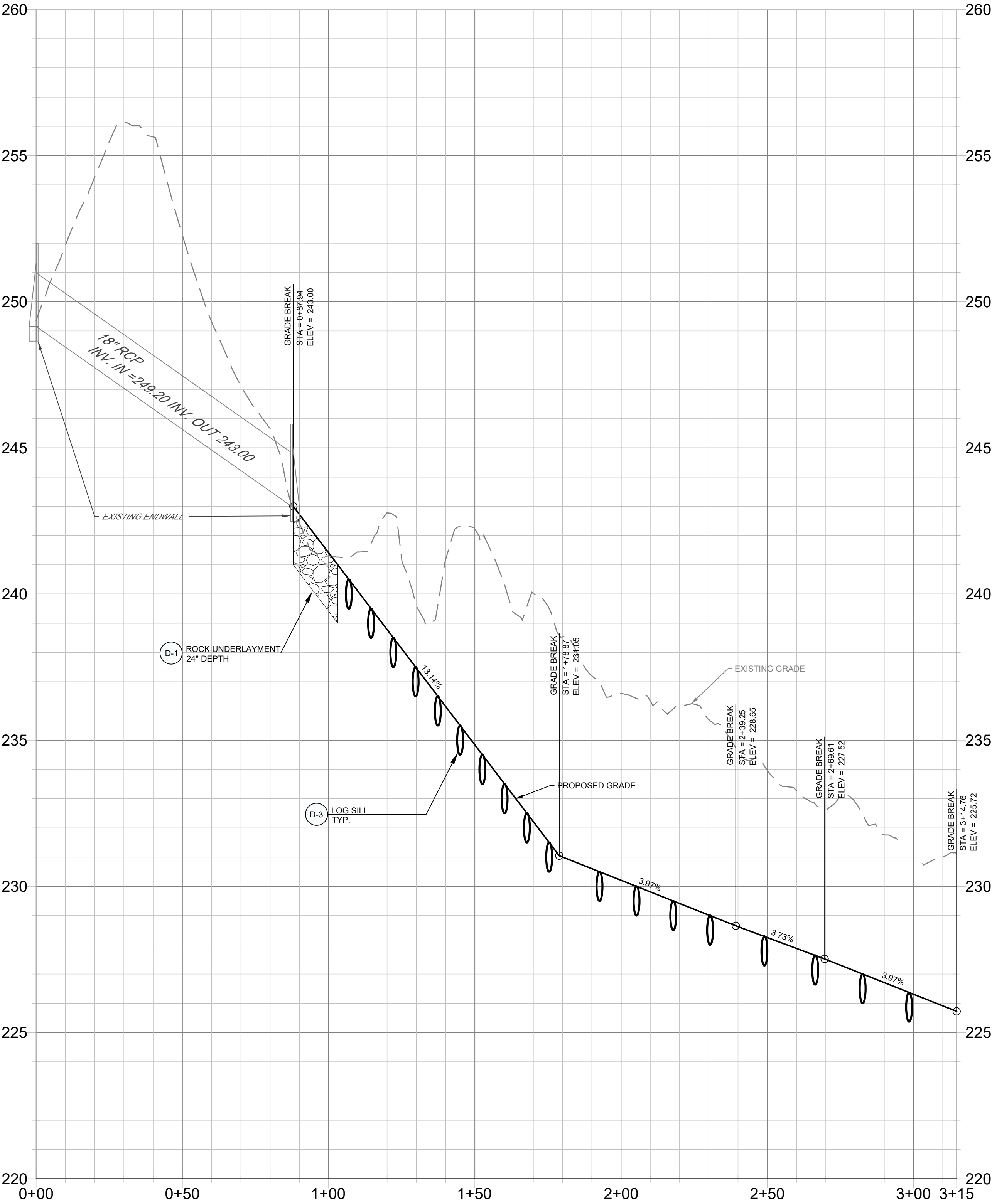
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D-2317.1

DRAWN BY:
BH

CHECKED BY:
BU

DATE:
06/05/2026

SCALE:
1"=40'



P-2 TRIBUTARY 1 VALLEY PROFILE
1"=40'

DRAFT
NOT FOR BIDDING
NOT FOR CONSTRUCTION



717-627-4440
landstudies.com
lan@landstudies.com

Land studies

LAND STUDIES

315 North Street
Lititz, PA 17543

PROJECT:
UNT TO SKIPPACK TRIBUTARY AT CHOLET FARMS

SKIPPACK TOWNSHIP
4089 HECKLER ROAD, P.O. BOX 164
SKIPPACK, PA 19474

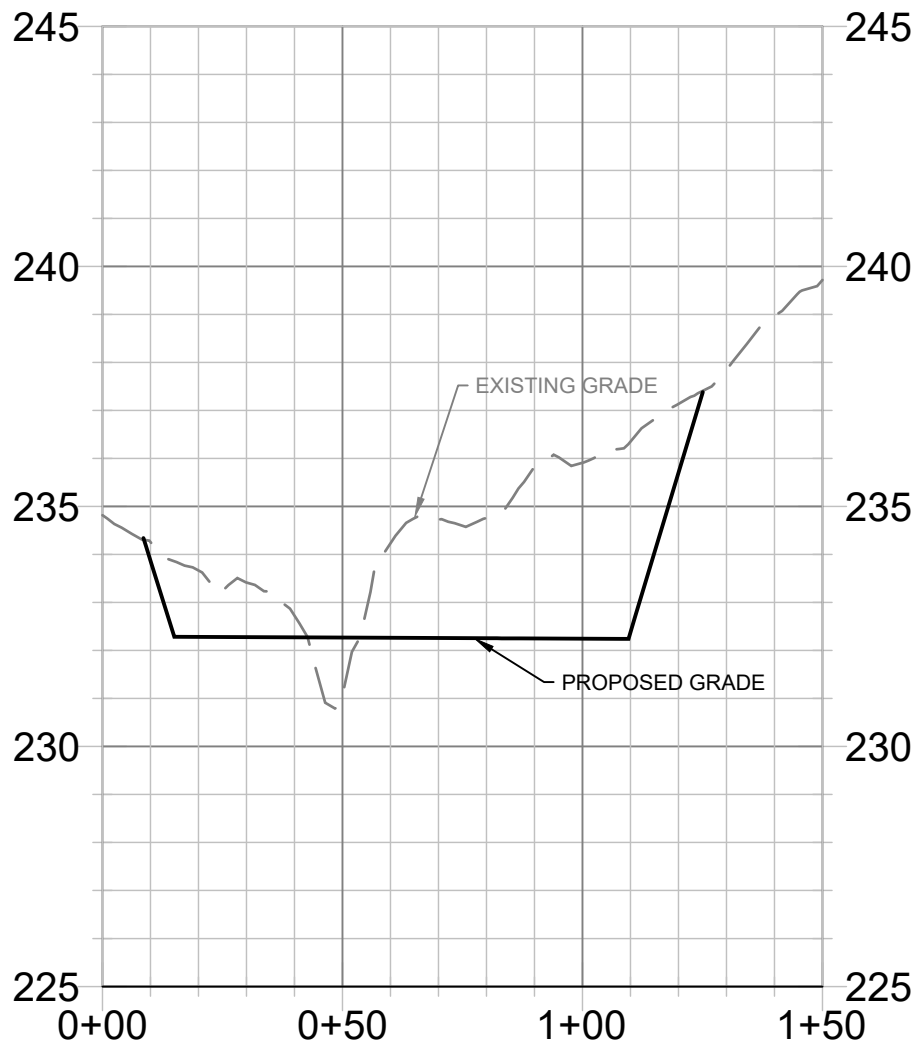
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PROFILES

REVISIONS		
NO.	DATE	DESCRIPTION

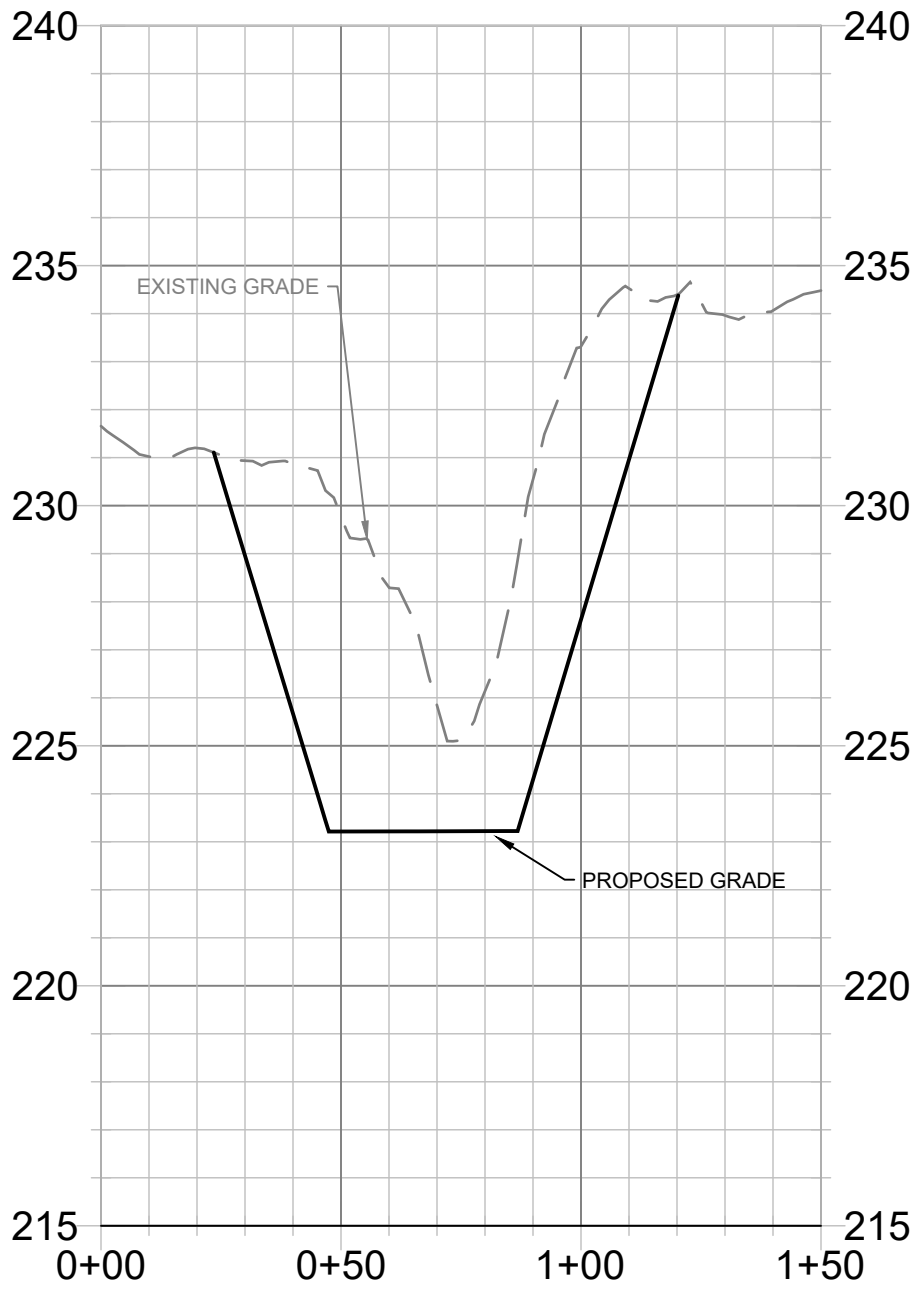
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CHECKED BY: BU
DATE: 06/05/2026
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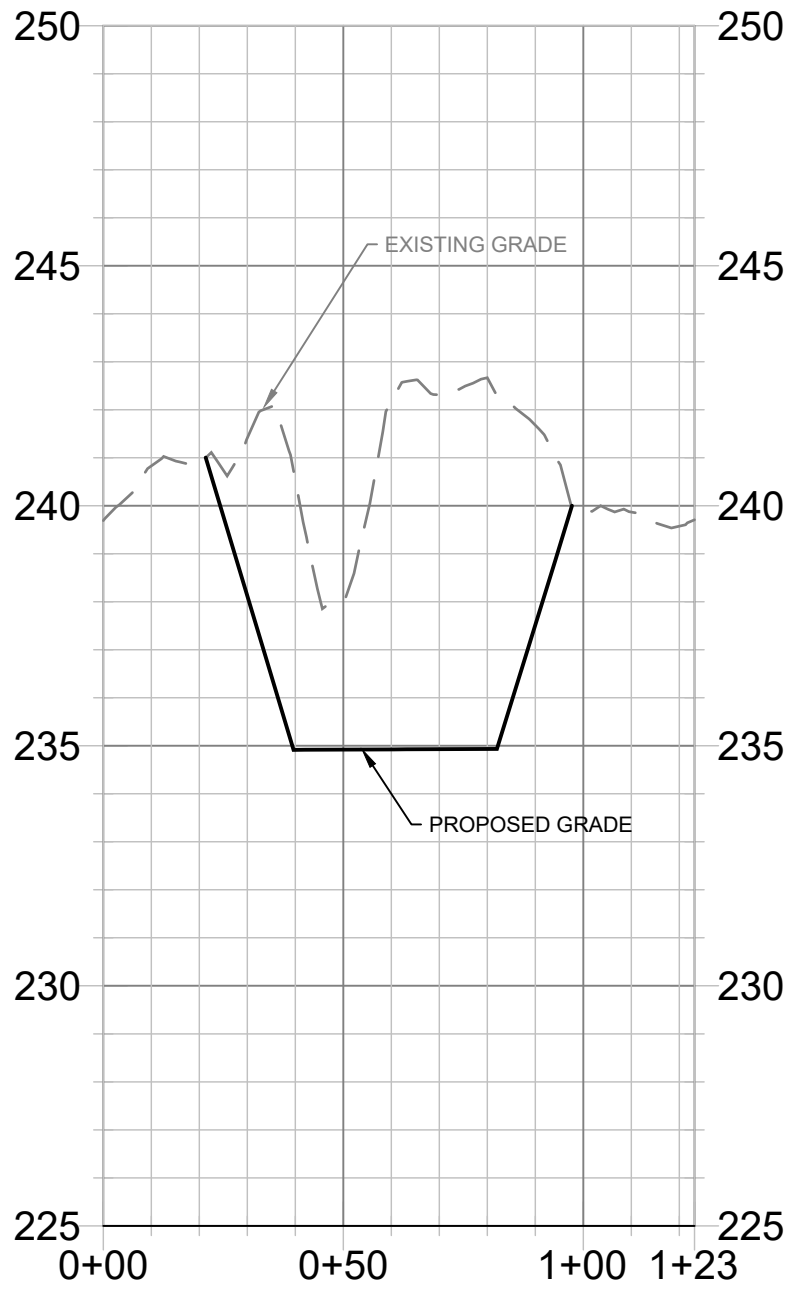
SHEET NUMBER:
12
OF 25



CROSS SECTION 1 - PROPOSED VALLEY ALIGNMENT STA 2+05
HORIZONTAL: 1" = 40'; VERTICAL: 1" = 4'



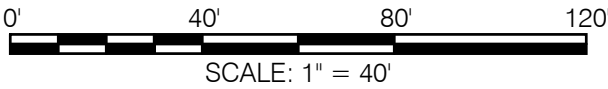
CROSS SECTION 2 - PROPOSED VALLEY ALIGNMENT STA 5+35
HORIZONTAL: 1" = 40'; VERTICAL: 1" = 4'



CROSS SECTION 3 - PROPOSED VALLEY ALIGNMENT STA 1+49
HORIZONTAL: 1" = 40'; VERTICAL: 1" = 4'

DRAFT

**NOT FOR BIDDING
NOT FOR CONSTRUCTION**



CROSS SECTIONS

SHEET TITLE:

REVISIONS		
NO.	DATE	DESCRIPTION

SIGNATURE BLOCK

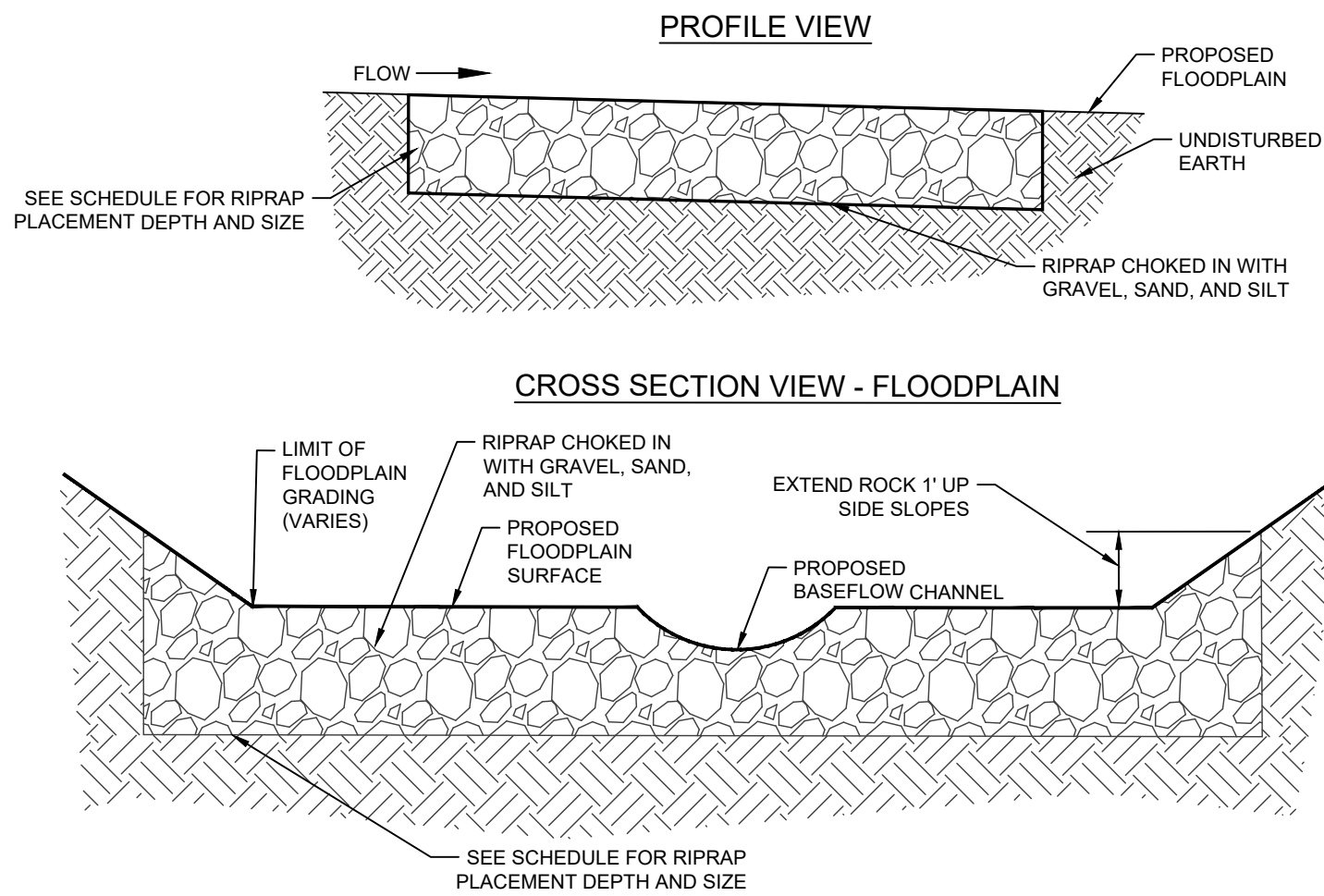
PROJECT NUMBER:
D-2317.1

DRAWN BY:
BH

CHECKED BY:
BU

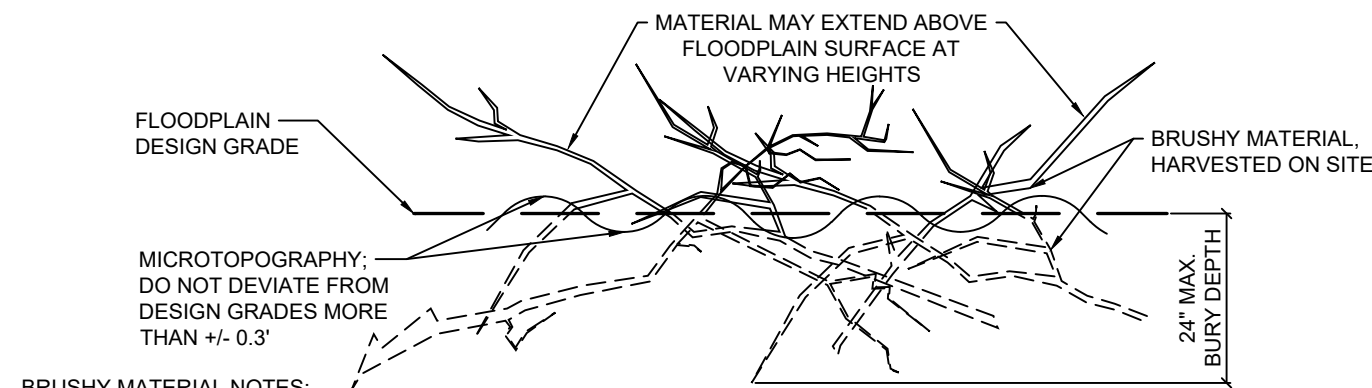
DATE:
06/05/2026

SCALE:
1"=40'



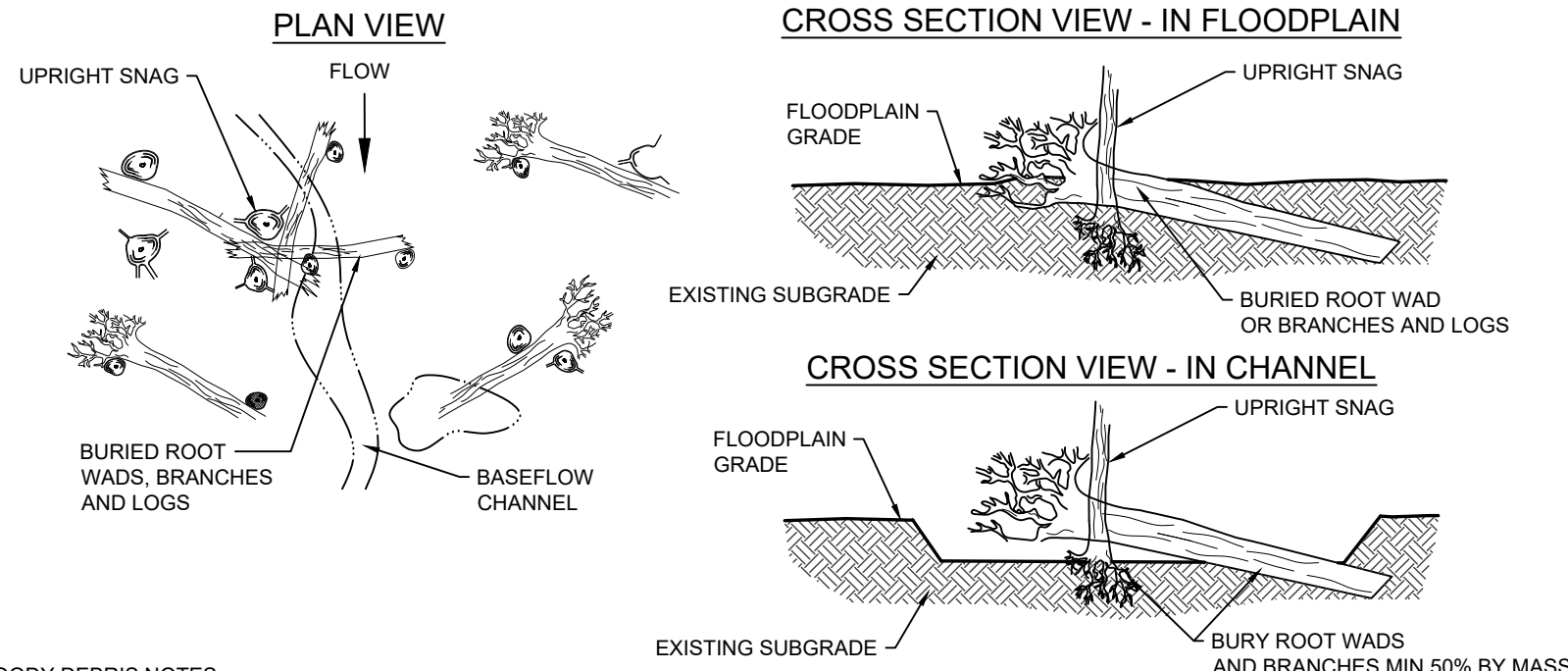
- NOTE:**
1. MATERIAL SIZE SHALL CONFORM TO PENNDOT RIPRAP STANDARDS.
 2. RIPRAP SHALL BE CHOKED WITH SAND, SILT, AND GRAVEL TO FILL ALL VOIDS. FINAL MIX SHALL CONSIST OF 65% RIPRAP AND 35% OTHER MATERIAL (SAND, SILT, AND GRAVEL), BY VOLUME. MIX MATERIALS PRIOR TO PLACEMENT.
 2. THE SIZE, LOCATION, AND ORIENTATION OF ROCK UNDERLAYMENT INSTALLATIONS MAY BE MODIFIED BASED ON SITE CONDITIONS AT THE TIME OF CONSTRUCTION, AS DIRECTED BY THE ENGINEER, REGARDLESS OF ANY MODIFICATIONS, THE TOTAL QUANTITY OF ROCK INSTALLED SHALL NOT BE REDUCED, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
 3. ALL PROPOSED ROCK UNDERLAYMENT SHALL BE INSTALLED UNDER THE DIRECT SUPERVISION OF AND/OR SUBJECT TO THE APPROVAL OF THE ENGINEER. IF INSTALLATION AND PERFORMANCE ARE NOT IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS, THE STRUCTURE SHALL BE RE-SET OR REINSTALLED IN ACCORDANCE WITH THE DESIGN DETAILS AND SPECIFICATIONS.

D-1 ROCK UNDERLAYMENT
NOT TO SCALE



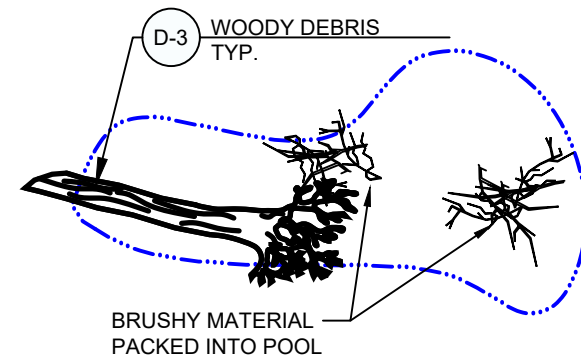
- BRUSHY MATERIAL NOTES:**
1. BRUSHY MATERIAL IS DEFINED AS ALL WOODY MATERIAL SALVAGED FROM SITE WITH A MAXIMUM BRANCH DIAMETER OF < 4". USE ALL AVAILABLE MATERIAL. MATERIAL SHALL BE DISTRIBUTED THROUGHOUT THE RESTORED FLOODPLAIN. BRUSHY MATERIAL IS NOT SHOWN ON PLAN SHEET BUT SHOULD BE INCORPORATED THROUGHOUT RESTORATION AREA WHERE POSSIBLE.
 2. BRUSHY MATERIAL MAY BE BURIED NO DEEPER THAN 24" BELOW FLOODPLAIN GRADE. MATERIAL SHOULD EXTEND ABOVE THE FLOODPLAIN SURFACE AT VARYING HEIGHTS.
 3. MATERIAL MAY NOT CAUSE TENTING OF EROSION CONTROL FABRIC, BUT MAY PROTRUDE THROUGH THE FABRIC.
 4. ENSURE THAT MATERIAL IS BURIED SUFFICIENTLY THAT IT WILL NOT BE DISPLACED BY FLOOD FLOWS.
 5. BURY MATERIAL IN A MANNER THAT MINIMIZES VOID SPACE. FILL ALL VOIDS GREATER THAN 3".

D-4 BRUSHY MATERIAL IN FLOODPLAIN
NOT TO SCALE



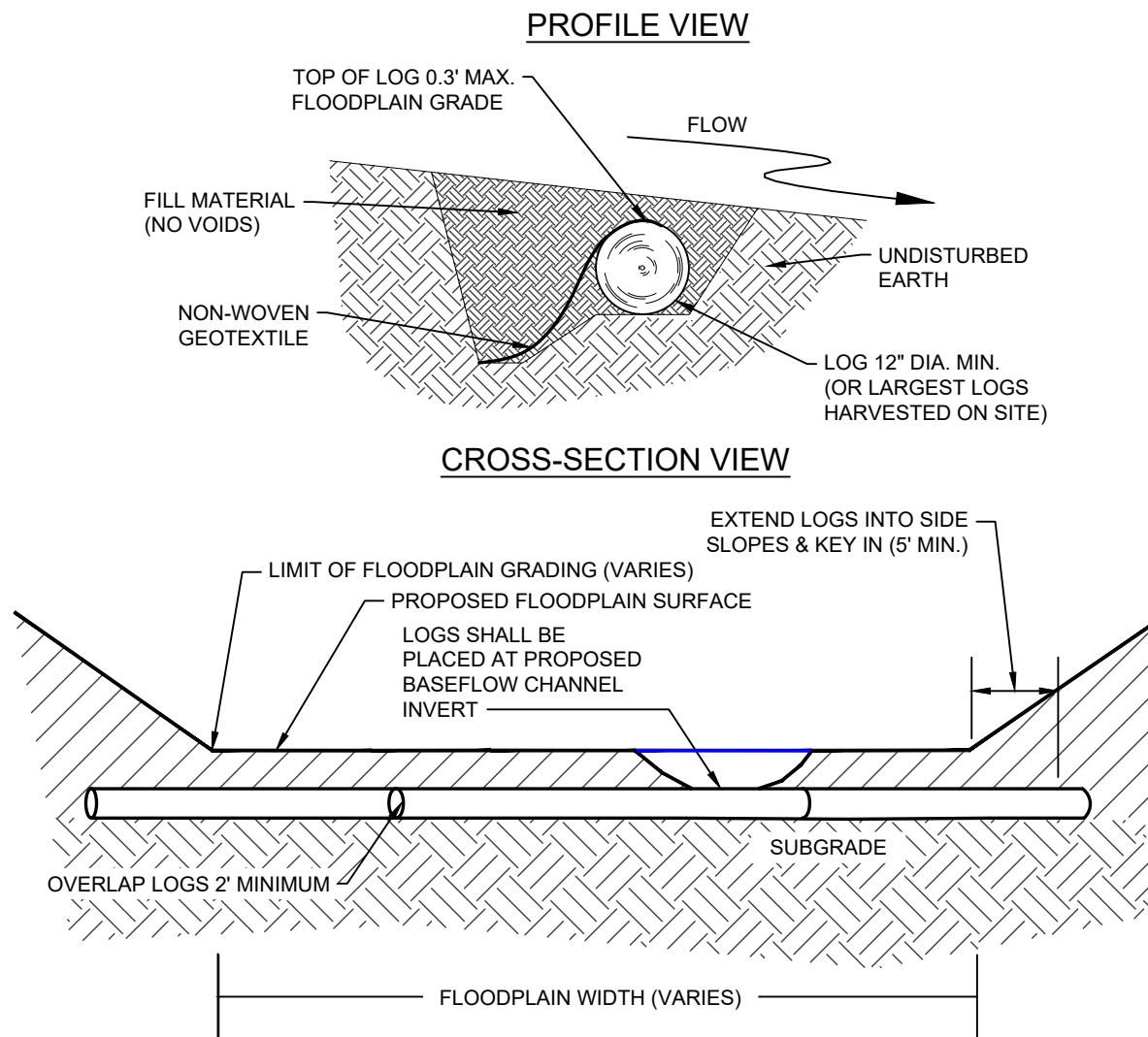
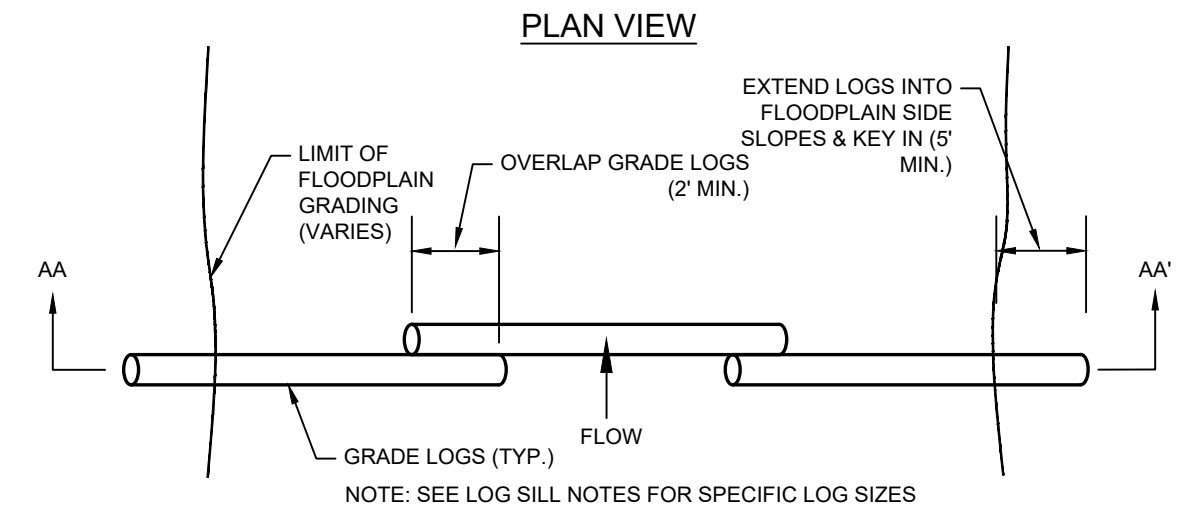
- WOODY DEBRIS NOTES:**
1. WOODY DEBRIS SHALL BE INSTALLED AT LOCATIONS SHOWN ON THE PROPOSED GRADING PLAN. SIZE, LOCATION, AND ORIENTATION OF STRUCTURES MAY BE ADJUSTED AT THE DIRECTION OF THE ENGINEER.
 2. WOODY DEBRIS, INCLUDING UPRIGHT SNAGS, SHALL NOT EXCEED 3' IN HEIGHT ABOVE FINISHED FLOODPLAIN GRADE.
 3. WOODY DEBRIS SHALL CONSIST OF A COMBINATION OF INDIVIDUAL LOGS, ROOT WADS, AND BRANCHES HARVESTED FROM TREES/BRUSH THAT HAS BEEN CLEARED FROM THE SITE. ALL AVAILABLE ON-SITE WOODY MATERIAL SHALL BE USED. IF THE QUANTITY OF AVAILABLE MATERIAL IS DETERMINED TO BE INSUFFICIENT TO CONSTRUCT ALL STRUCTURES AS DESIGNED, THE INSTALLATION OF IN-CHANNEL WOODY DEBRIS SHALL BE PRIORITIZED. IF NECESSARY, WOODY DEBRIS SHALL BE IMPORTED TO ACHIEVE MINIMUM ACCEPTABLE QUANTITY, AS DETERMINED BY THE ENGINEER.
 4. TYPES AND SIZES OF STRUCTURES WILL BE DEPENDENT UPON AVAILABLE MATERIAL. ALL STRUCTURES AND MATERIALS ARE SUBJECT TO THE APPROVAL OF THE ENGINEER. A MINIMUM OF 6 LINEAL FEET TOTAL OF LOG AND/OR BRANCHES SHALL BE ASSUMED FOR EACH STRUCTURE.
 5. ALL WOODY DEBRIS SHALL BE BURIED MIN. 60% AND/ OR PINNED WITH UPRIGHT SNAGS SO AS NOT BE DISPLACED BY HIGH FLOWS.

D-2 WOODY DEBRIS
NOT TO SCALE



- HABITAT POOL NOTES:**
1. THE LOCATION, ORIENTATION, AND EXTENTS OF HABITAT POOLS AS SHOWN ON PLANS ARE APPROXIMATE. FINAL LOCATION/ORIENTATION WILL BE DETERMINED IN COORDINATION WITH THE ENGINEER BASED ON SITE CONDITIONS DURING CONSTRUCTION.
 2. AT A MINIMUM, HABITAT POOLS MUST BE LOCATED FURTHER THAN 10 FEET FROM THE DOWNSTREAM SIDE OF PROPOSED GRADE CONTROL STRUCTURES TO PREVENT GRADE CONTROL STRUCTURE FROM BEING SCOURED OUT.
 3. EXCAVATE HABITAT POOLS TO A DEPTH OF 2'-4". VARY THE DEPTH ACROSS THE EXTENTS OF THE POOL.
 4. HABITAT POOLS SHALL BE PACKED WITH WOODY DEBRIS AND BRUSHY MATERIAL WHERE POSSIBLE. BRUSHY MATERIAL SHALL CONSIST OF SMALL WOODY DEBRIS CONSISTING OF BRANCHES AND TWIGS LESS THAN 4" DIAMETER.

D-5 HABITAT POOL
NOT TO SCALE



- LOG SILL NOTES:**
1. LOGS SHALL BE 8" MIN. DIAMETER.
 2. ALL PROPOSED LOG SILL STRUCTURES SHALL BE INSTALLED UNDER THE DIRECT SUPERVISION OF AND/OR SUBJECT TO THE APPROVAL OF THE ENGINEER. IF STRUCTURE INSTALLATION AND PERFORMANCE ARE NOT IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS, THE STRUCTURE SHALL BE RE-SET OR REINSTALLED IN ACCORDANCE WITH THE DESIGN DETAILS AND SPECIFICATIONS. ALL LOGS MUST BE APPROVED FOR DURABILITY BY THE ENGINEER PRIOR TO PLACEMENT. THE TOP SURFACE ELEVATION (INVERT ELEVATION) OF PROPOSED LOG SILL STRUCTURES SHALL NOT DEVIATE VERTICALLY GREATER THAN 0.2' FROM GRADE CONTROL INVERT DESIGN ELEVATIONS.
 3. THE SIZE, LOCATION AND ORIENTATION OF PROPOSED LOG SILL STRUCTURES ARE APPROXIMATE AND FINAL LOCATION/ORIENTATION MAY BE MODIFIED BY THE ENGINEER BASED ON SITE CONDITIONS DURING CONSTRUCTION.
 4. LOG SILLS SHALL BE CONSTRUCTED OF LOGS HARVESTED ON SITE. IF SITE CLEARING DOES NOT RESULT IN AN ADEQUATE SUPPLY OF LOGS, THEN LOGS WILL BE IMPORTED.
 5. THE TOP SURFACE OF THE LOG SILL SHALL BE PLACED AT PROPOSED CHANNEL BED ELEVATIONS. AS A RESULT, THE TOP SURFACE WILL ONLY BE VISIBLE WITHIN THE PROPOSED CHANNEL BOTTOM AT SOME LOCATIONS. **OR** THE TOP SURFACE OF THE LOG SILL SHALL BE PLACED AT FLOODPLAIN GRADE. AS A RESULT, THE TOP SURFACE OF THE LOG WILL BE VISIBLE ACROSS THE FLOODPLAIN.
 5. ADJOINING LOGS SHALL OVERLAP A MINIMUM OF 2 FT.
 6. LOG SILLS SHALL EXTEND ACROSS THE ENTIRE FLOODPLAIN AND SHALL BE KEYED INTO FLOODPLAIN SIDE SLOPES BY A MINIMUM OF 5 FT OR AS DETERMINED BY THE ENGINEER.
 - EDIT THE FOLLOWING IF NO GEOTEXTILE IS BEING INCLUDED**
 7. NO SIGNIFICANT VOIDS SHALL EXIST BETWEEN ADJOINING LOGS OR UNDER THE GEOTEXTILE FABRIC. IN ORDER TO PREVENT WATER-PIPING BETWEEN OR UNDER THE LOGS, THE CONTRACTOR SHALL CHOKE (BY HAND IF NECESSARY) ALL UNDESIRABLE VOIDS WITH CLAY AND ROCK FRAGMENTS IN COMBINATION WITH GEOTEXTILE FABRIC. FILL ALL VOIDS GREATER THAN OR EQUAL TO 3 INCHES IN SIZE.
 8. NONWOVEN GEOTEXTILE (8 OZ OR HEAVIER) MUST BE LAID ON THE UPSTREAM SIDE OF THE LOG AND EXTEND A DEPTH OF 2' BELOW THE LOG OR TO BEDROCK (WHICHEVER IS SHALLOWER). GEOTEXTILE IS TO BE NAILED 1' ON CENTER WITH 1 1/2 INCH (OR LONGER) ROOFING NAILS.

D-3 LOG SILL
NOT TO SCALE

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NOT FOR BIDDING
NOT FOR CONSTRUCTION

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Lititz, PA 17543



PROJECT:
UNIT TO SKIPPAK TRIBUTARY AT CHOLET FARMS

SKIPPAK TOWNSHIP
4089 HECKLER ROAD, P.O. BOX 164
SKIPPAK, PA 19474

DESIGN DETAILS

SHEET TITLE:

REVISIONS		
NO.	DATE	DESCRIPTION

SIGNATURE BLOCK

PROJECT NUMBER:
D-2317.1

DRAWN BY:
BH

CHECKED BY:
BU

DATE:
06/05/2026

SCALE:
N/A

SHEET NUMBER:
14
OF 25