

September 30, 2024

NPDES Annual MS4 Status Report Reviewer

Bureau of Clean Water
Pennsylvania Department of Environmental Protection
1630 W. Marshall Street
West Norriton, PA 19403
Submitted via DEP's Public Upload Website

RE: West Norriton Township Annual MS4 Status Report
NPDES Permit No. PAG130006
West Norriton Township, Montgomery County, PA

Dear Reviewer,

On behalf of West Norriton Township, the Center for Watershed Protection is pleased to provide the enclosed Annual MS4 Status Report and associated documentation for the NPDES MS4 General Permit (PAG130006) covering the period from July 1, 2023 to June 30, 2024. The report documents the Township's compliance with the permit and continuing efforts to go above and beyond in implementing 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



Beth Uhler
Pennsylvania Director

cc: Jason Bobst, West Norriton Township Manager



MUNICIPAL SEPERATE STORM SEWER SYSTEM

ANNUAL MS4 STATUS REPORT 2024

WEST NORRITON TOWNSHIP

Montgomery County
1630 W. Marshall St.
West Norriton, PA 19403

CENTER FOR
**WATERSHED
PROTECTION**

Center for Watershed Protection, Inc.
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Fulton, MD 20759
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MUNICIPAL SEPERATE STORM SEWER SYSTEM ANNUAL MS4 STATUS REPORT

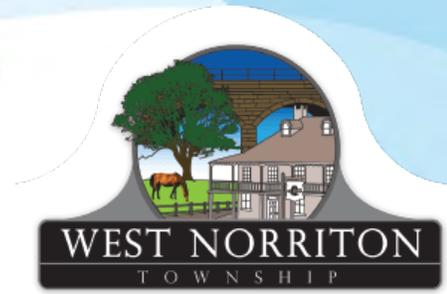


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ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2023 TO JUNE 30, 2024

GENERAL INFORMATION					
Permittee Name:	West Norriton Township	NPDES Permit No.:	PA130006		
Mailing Address:	1630 West Marshall Street	Effective Date:	3/16/2018		
City, State, Zip:	Jeffersonville, PA 19403	Expiration Date:	Administratively Extended		
MS4 Contact Person:	Jason Bobst	Renewal Due Date:	TBD		
Title:	Township Manager	Municipality:	West Norriton Township		
Phone:	610-631-0450	County:	Montgomery		
Email:	jbobst@wntwp.com				
Co-Permittees (if applicable):					
Appendix(ces) that permittee is subject to (select all that apply):					
<input type="checkbox"/> Appendix A <input type="checkbox"/> Appendix B <input checked="" type="checkbox"/> Appendix C <input type="checkbox"/> Appendix D <input checked="" type="checkbox"/> Appendix E <input type="checkbox"/> Appendix F					
WATER QUALITY INFORMATION					
Are there any discharges to waters within the Chesapeake Bay Watershed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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?
Schuylkill River	WWF	Yes	PCBs	Yes	No
Indian Creek	WWF	Yes	Water/Flow Variability, Siltation; Cause Unknown	No	No
Unnamed Tributary (UNT) 1 to Stony Creek	TSF	Yes	Water/Flow Variability, Siltation; Cause Unknown	No	No
UNT 2 to Stony Creek	TSF	Yes	Water/Flow Variability, Siltation; Cause Unknown	No	No
UNT to Indian Creek	WWF	Yes	Water/Flow Variability, Siltation; Cause Unknown	No	No
UNT to Schuylkill River	WWF	Yes	Water/Flow Variability, Siltation; Cause Unknown	No	No

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF POINT AND NON-POINT SOURCE MANAGEMENT

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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	West Norriton Township	Jason Bobst	610-631-0450
#2 Public Involvement/Participation	West Norriton Township	Jason Bobst	610-631-0450
#3 Illicit Discharge Detection and Elimination (IDD&E)	West Norriton Township	Jason Bobst	610-631-0450
#4 Construction Site Storm Water Runoff Control	West Norriton Township	Jason Bobst	610-631-0450
#5 Post-Construction Storm Water Management in New Development and Redevelopment	West Norriton Township	Jason Bobst	610-631-0450
#6 Pollution Prevention / Good Housekeeping	West Norriton Township	Jason Bobst	610-631-0450

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

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

- For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage?
 Yes No
- Date of latest annual review of PEOP: March 2024 Were updates made? Yes No
- What were the plans and goals for public education and outreach for the reporting period?
 - Review the PEOP and update as necessary.
 - Review the target audience list and update as necessary.
 - Review the information and links on the Stormwater webpage of the Township website and update as necessary.
 - Display stormwater educational information at the Township Building.
 - Publish at least one (1) stormwater article in the Township newsletter.
 - Review and update the interactive GIS Story Map on ArcGIS Online, as needed. A link to this map can be found on the Township website.
 - Continue the involvement of the Township Environmental Advisory Council.
- Did the MS4 achieve its goal(s) for the PEOP during the reporting period? Yes No
- Identify specific plans and goals for public education and outreach for the upcoming year:
 - Review the PEOP and update as necessary.
 - Review the target audience list and update as necessary.
 - Review the information and links on the stormwater webpage of the Township website and update as necessary.
 - Display printed stormwater educational information at the Township Building.
 - Publish at least one (1) stormwater article in the Township newsletter. Township may utilize information or articles published by the Perkiomen Watershed Conservancy to achieve this goal.
 - Publish or share at least one (1) stormwater post on the Township Facebook page.
 - Continue the involvement of the Environmental Advisory Council.

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: March 2024 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: March 2024 Were updates made? Yes No
3. Do you have a municipal website? Yes No (URL:
www.westnorritontwp.org/178/Storm-Water-Management-MS4)

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

-Background information on stormwater management in West Norriton Township.

-MS4 Permit information.

-General goals of the Township's MS4 program.

-Links to past Annual MS4 Status Reports. (July 1, 2016 to June 30, 2018; July 1, 2018 to June 30, 2019; July 1, 2019 to June 30, 2020; July 1, 2020 to June 30, 2021; July 1, 2021 to June 30, 2022; July 1, 2022 to June 30, 2023).

-Link to the Pollutant Reduction Plan, general information and associated documentation and public presentations.

-MS4 and stormwater management information and guidance for Township residents including ways the public can assist with stormwater management, additional information links, and contact information for reporting potential illicit discharges.

-An interactive Story Map entitled, "Stormwater In Your Backyard" providing information on the Township's MS4 program.

-Stormwater Education video

-A tab that directs users to an article on MS4 and Grass Clippings.

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

Please refer to BMP #4 below for additional methods used. Refer to Appendix A for documentation.

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

-Review/maintain the stormwater educational information on the Township's MS4 program on the stormwater page of the Township website and update as necessary.

-Publish at least one (1) article relating to stormwater and one or more of the Minimum Control Measures (MCMs) in the Township newsletter.

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).

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: October 3, 2023

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.

-A presentation was made at the Board Commissioners Work Session Meeting by Jennifer Orr-Greene of Cedarville Engineering Group, LLC (CEG) on October 3, 2023. The topics presented included a report on the MS4 program, state and federal stormwater management requirements, minimum control measures, the Pollutant Reduction Plan, and Pollutant Control Measures. Refer to Appendix B for Board of Commissioners Work Session Meeting Minutes dated October 3, 2023.

-A Native Meadow and Riparian Buffer Showcase event was held on September 22, 2023 as noted in the Environmental Advisory Council (EAC) Meeting Minutes dated October 3, 2023 (Refer to Appendix B).

-The EAC participated in the Township Fall Festival by setting up a table to distribute information on Recycling, Pollinator Gardens, hand out seeds reusable bags, and talk with the public. The Fall Festival took place on October 14, 2023 at Centennial Park per EAC Meeting Minutes dated September 6 and October 4, 2023.

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

-The Township regularly hosts live video feeds of the Board of Commissioners meetings on the Township Facebook page for the public to view and make comments on. The public can watch the meetings live and/or after it has concluded. They may also leave comments on the Facebook post at any time.

-A notice of the Leaf Collection event was shared by the Township on the Township Facebook page on November 29, 2023. The leaf collection event was stated to take place the week of December 4, 2023.

-On December 5-6, 2023 the Township shared updates on the Leaf Collection event on the Township Facebook page.

-On April 9, 2024 the Township shared an announcement of an E-Waste Recycling Event for Montgomery County on the Township Facebook page.

-On April 12, 2024 the Township shared Branch Collection Guidelines for a branch collection event on the Township's Facebook page.

-The Perkiomen Watershed Conservancy (PWC) reported that one stream clean-up was conducted in the Township with 16 volunteers from West Norriton Township participating. A total of 48 hours were spent removing 21 bags of trash. West Norriton Township continues to partner with PWC for educational resources and stormwater events.

MCM #2 Comments:

Refer to Appendices A and B for MCM #2 supporting documentation.

West Norriton Township partners with the Perkiomen Watershed Conservancy on MCMs #1 and #2 through participation in their Municipal MS4 Membership Program at the Benefactor Level.

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: April 2024 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): August 2023

3. Total No. of Outfalls in MS4: 90 Total No. of Outfalls Mapped: 90

4. Total No. of Observation Points: 15 Total No. of Observation Points Mapped: 15

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): August 2023

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? 14

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: 36%

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: 11/9/2022

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
1/18/2024	Incident follow-up of release of hydraulic fluid from factory to Schuylkill River.	Jeff Whitworth, Riverview Landing Apartments	Fire Dept. set sorbents at stormwater inlets and boomed discharge point to River. DEP Emergency Response responded. Lewis Environmental cleaned two impacted inlets and applied sorbent to impacted surfaces. Site re-evaluated 1/22/24.

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?

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 maintains a map with all stormwater infrastructure, outfalls, and BMPs by hosting a live ArcGIS Online web map app. No mapping updates were performed during this reporting period. The web map app is publicly accessible via the Township website through the GIS Hub here:

<https://wntwp.maps.arcgis.com/apps/webappviewer/index.html?id=5376211f39fd482fbd9abe3caf2813c1>

The Township has a password protected version of this web map app available to Township staff that includes more detailed attribute information and attachments.

Dry weather outfall field screenings of the 14 outfalls that drain priority areas were screened during the reporting period. Nine (9) of the outfalls had dry weather flow, but all were determined to either have flow due to naturally occurring sources. The Township utilizes a Dry Weather Outfall Field Screening form developed by CWP through Survey123 (hosted by ArcGIS Online). A memo summarizing the results of the outfall field screenings as well as the completed forms are located in Appendix C.

Outfalls that drain to priority areas are proposed to be screened on an annual basis until the outfall has not shown any indication of potential illicit discharges/connections during routine screening for three (3) consecutive years.

During the reporting period, there were no recorded illicit discharges. The Township provides a phone number and email address on the Township website, Stormwater Management "How This Applies" webpage for the public to contact the Township if they suspect a potential illicit discharge or notice dumping into the storm sewer system.

On June 3, 2024 during routine PCSM BMP inspections, a potential illicit discharge (white foamy discharge in stream) was detected at Outfall #33, Burnside Village Basin Retrofit. A sample was taken on June 4, 2024 and sent to the lab for testing. The lab found no indication of detergents present. Refer to Appendix C for supporting documentation.

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: 11/6/2022

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. However, West Norriton Township completes regular construction inspections of all active construction sites. E&S control is a component of these inspections.

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: 11/9/2022
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: 11/9/2022
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.

On behalf of the Township, the Center for Watershed Protection (CWP) conducted two inspections of privately-owned BMPs from the PCSM BMP inventory in June 2024 that had outstanding violations from 2023 inspections. Notices of violation was sent to privately-owned BMP owners so they can address the corrective measures necessary for operation and maintenance. Coordination is ongoing.
At a minimum, inspections of these BMPs must be conducted once per year for five years, then once every three years thereafter per the Township Stormwater Management Ordinance and National Pollutant Discharge Elimination system (NPDES) MS4 permit requirements.

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	Refer to Appendix D.			o ' "	o ' "			
2				o ' "	o ' "			
3				o ' "	o ' "			
4				o ' "	o ' "			
5				o ' "	o ' "			
6				o ' "	o ' "			
7				o ' "	o ' "			
8				o ' "	o ' "			
9				o ' "	o ' "			
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13				o ' "	o ' "			
14				o ' "	o ' "			
15				o ' "	o ' "			
16				o ' "	o ' "			

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:

Refer to Appendix D for supporting documentation.

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? March 2024
3. When was it last updated? June 2021

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: Reviewed March 2024; updated June 2021

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: Reviewed March 2024; updated June 2021 Date of latest training: July 11, 2024

3. Training topics covered:

Minimum Control Measure 6- Pollution Prevention and Good Housekeeping
Facilities Operations and Maintenance Program
Mock DEP Inspection of Public Works Facility and Golf Club Property

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

Beth Uhler, Center for Watershed Protection
Paige Buzard, Center for Watershed Protection

5. Names of training attendees:

Michael Valyo, Director of Public Works
John Bergstrasser, Public Works Foreman
Rich Shilling, Jefferson Golf Course Superintendent

MCM #6 Comments:

The Township has forms available for sewer O&M, hazardous spill clean-up, and municipal facilities inspections located on their ArcGIS online account accessible through Survey123 for field use.

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)	6/10/2019	<input type="checkbox"/>	
Source Inventory	8/14/2020	<input type="checkbox"/>	
Investigation of Suspected Sources	n/a	<input type="checkbox"/>	n/a
Ordinance/SOP for Controlling Animal Wastes	n/a	<input type="checkbox"/>	n/a

PCM Comments:

The Township is required to implement Pollutant Control Measures for Priority Organic Compounds for discharges to the Schuylkill River which is impaired by polychlorinated biphenyls (PCBs). Each task has been completed by the completion date above. Because no suspected sources of PCBs were identified in the Source Inventory, an investigation of suspected sources is not applicable.

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
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			Chesapeake Bay
<input checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)	May 24, 2019	October 7, 2019	Unnamed Tributaries (UNTs) to Schuylkill River, Indian Creek and UNTs, UNTs to Stony Creek
<input type="checkbox"/> TMDL Plan (Appendix F)			

<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			Chesapeake Bay,
<input type="checkbox"/> Combined PRP / TMDL Plan			
<input type="checkbox"/> Joint Plan <i>(if checked, list the name of the MS4 group or names of all entities participating in the joint plan below)</i>			
Joint Plan Participants:			
2. Identify the pollutants of concern and pollutant load reduction requirements under the permit (see instructions).			
Type of Plan	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			
<input checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)	144,574.14	189.68	1,594.20
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			
<input type="checkbox"/> Combined PRP / TMDL Plan			
3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: September 30, 2025			
4. Have any modifications to the plan(s) occurred since DEP approval? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
If Yes to #4, was the updated plan(s) submitted to DEP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If Yes to #4, did you comply with the public participation requirements of the applicable appendix? <input type="checkbox"/> Yes <input type="checkbox"/> No			
If Yes to #4, describe the plan modifications.			
<p>The Township has proceeded with the implementation of three BMPs that were not included in the original Pollutant Reduction Plan (PRP): Centennial Park Stream Restoration, Township Dog Park Managed Release Concept (MRC) Basin, and Township Dog Park Stream Restoration. These BMPs will replace Jeffersonville Golf Club Stream Restoration Phase II and are anticipated to exceed the required 10% sediment reduction. The Township plans to formally update the PRP in October 2024 and go through public participation.</p>			
5. Summary of progress achieved during reporting period.			

Burnside Village Basin Retrofit- This project was completed in September 2017. An O&M inspection was completed June 2024. No maintenance items were noted at that time.

Jeffersonville Golf Club Stream Restoration Phase I- Completed in October 2020. Long-term O&M is ongoing. An O&M inspection was completed June 2024. Maintenance activities are to be addressed in the upcoming reporting period. 260 additional trees and shrubs were planted in the riparian buffer area in October 2023 to address the PA DEP MS4 inspection on April 10, 2023.

Jeffersonville Golf Club Stream Restoration Phase II- A feasibility study was completed in May 2019. This project has been put on hold.

Alexander Drive Basin Retrofit- This project was completed in August 2020. An O&M inspection was completed June 2024 with minor maintenance items noted.

Centennial Park Stream Restoration- This project is not currently listed in the PRP, but is being implemented as an alternative to JGC Stream Restoration Phase II. The project received waiver approval from PA DEP and is currently pending USACE approval.

Township Dog Park MRC Basin- This project is not currently listed in the PRP, but is being implemented as an alternative to JGC Stream Restoration Phase II. It was proposed as part of the development of a Township dog park. The dog park required an NPDES Permit for Stormwater Discharges from Construction Activities (i.e. Chapter 102 permit). The MRC basin was proposed above and beyond Chapter 102 permit requirements to count towards MS4 pollutant reduction. The Chapter 102 permit was approved during this reporting period and the project went out to public bid.

Township Dog Park Stream Restoration- This project is not currently listed in the PRP, but is being implemented as an alternative to JGC Stream Restoration Phase II. Similar to the MRC Basin above, it was also proposed as part of the development of the Township dog park and is above and beyond Chapter 102 permit requirements. The Chapter 102 permit (and required Chapter 105) approvals were received during this reporting period and the project went out to public bid.

Blue Dove Basin Retrofit- An emergency repair of the berm and outlet structure was performed in 2017. The inflow pipe on private property on the south side the basin was reconstructed in 2021 and repaired again in 2023. The outlet structure was replaced with a structure with a low flow orifice in 2021. Ongoing O&M inspections are being conducted of the inflow pipe and design for the final water quality features and native plantings within the basin is planned for the upcoming reporting period.

6. Anticipated activities for next reporting period.

Burnside Village Basin Retrofit- Routine inspection and maintenance activities will be continued.

Jeffersonville Golf Club Stream Restoration Phase I- Township and golf course staff will continue to coordinate on riparian buffer maintenance in the upcoming reporting period.

Jeffersonville Golf Club Stream Restoration Phase II- On hold; no activities planned.

Alexander Drive Basin Retrofit- Minor maintenance items to be addressed and routine inspections continued.

Centennial Park Stream Restoration- Anticipated to go to construction.

Township Dog Park MRC Basin- The MRC basin will be constructed.

Township Dog Park Stream Restoration- The stream restoration project will be constructed.

Blue Dove Basin Retrofit- Ongoing O&M inspections are being conducted of the inflow pipe and design for the final water quality features and native plantings within the basin is planned for the upcoming reporting period.

PRP/TMDL Plan Comments:

In the next reporting period, the Township will update the PRP and go through the public participation process for the alternative BMPs not included in the original approved PRP.

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 ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	

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?
24	Burnside Village Basin Retrofit	87.56	32	0.65	Acres	40°8'29"	75°22'44"	September 2017	34,289.67	June 30, 2024	<input checked="" type="checkbox"/>
25	Jeffersonville Golf Club Stream Restoration Phase I	N/A	NA	944	Linear Feet	40°8'11"	75°23'01"	October 2020	42,366.72	June 30, 2024	<input checked="" type="checkbox"/>
26	Alexander Drive Basin Retrofit	37.81	35	0.48	Acres	40°8'48"	75°22'6"	August 2020	15,263.94	June 30, 2024	<input type="checkbox"/>

3800-FM-BCW0491 9/2017
Annual MS4 Status Report

						o ' "	o ' "				<input type="checkbox"/>
						o ' "	o ' "				<input type="checkbox"/>
						o ' "	o ' "				<input type="checkbox"/>

CERTIFICATION

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

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

Jason Bobst

Name of Responsible Official



Signature

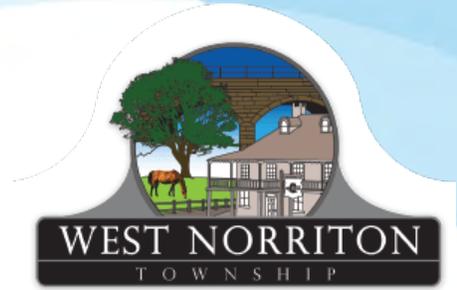
610-631-0450

Telephone No.

9/18/24

Date

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



APPENDIX A

**MCM#1
PUBLIC EDUCATION AND OUTREACH
PROGRAM**

- Public Education and Outreach Documentation
- MS4 Resources Available in Township Building Lobby
- What's Up! West Norriton Newsletters

January 9, 2024- Township Facebook Post. Shared rainfall significant event details and predictions of stream flooding.

West Norriton Township
January 9 · 🌐

Winter Storm for Jan 9 -10th.

Significant event details and developments:

1. A powerful storm system is expected to impact the area on Tuesday, January 9 - Wednesday, January 10.
2. Montgomery County is currently at a Moderate Risk of Excessive rainfall.
3. Widespread 2-3 inches with up to 4 inches of rainfall is possible in some areas. This may lead to widespread urban & small stream flooding and widespread moderate/major river flooding, especially for Northern NJ .

Schuylkill River at Pottstown: Highest forecast 13.1ft at 1900hours 1/10/24
 Perkiomen Creek at Graterford: Highest forecast 13ft at 0700 hours 1/10/24
 Schuylkill River at Norristown: Highest forecasted 15.1ft at 1300 hours 1/10/24

4. Heaviest rain will occur Tuesday afternoon and Tuesday night. River flooding continues through Wednesday and beyond.
5. Very strong and damaging south to southeast winds between 40-50 mph for inland areas. The strongest winds occur on Tuesday night. Gusty westerly and southwesterly winds continue on Wednesday.

https://www.weather.gov/media/phi/current_briefing.pdf

Event Summary

- ✓ **Flooding:** Heaviest rain falls from 6 PM this evening – 2 AM Wednesday. River flooding risk continues Wednesday and beyond. **Several rivers will experience moderate to major flooding, especially across northern NJ and southeast PA.** Widespread urban & small stream flooding possible. Snowmelt with heavy rain across the northern areas will enhance runoff & flooding potential.
- ✓ **Strong/Damaging Winds:** High Wind Warning for the NJ and DE coastal counties for southeast to south wind gusts up to 65 mph tonight. **Wind Advisory for inland areas.** A line of heavier showers tonight with the cold front could potentially produce a period of stronger winds. Gusty west to southwest winds continue on Wednesday.
- ✓ **Marine: Storm Warning** in effect for all marine zones with gusts up to 60 knots. Dangerous seas building to 15-20 feet later today and lingering into Wednesday.
- ✓ **Coastal Flooding:** This afternoon into Wednesday. **Coastal Flood Warning** for moderate flooding for the tidal Delaware River, portions of Delaware Bay, and eastern MD Shore areas. Locally major flooding in northern Chesapeake Bay. Severity of flooding will depend on surge timing in respect to high tide, and excessive runoff from heavy rain may elevate water levels even more. **Coastal Flood Advisory** for N NJ.

Main Points		to Major River Flooding Tonight through W	
Impacts	Location		
1 to 2 inches expected with up to 4 inches possible in some areas. Moderate to major river flooding expected, urban and small stream flooding.	Eastern region. The most significant river flooding potential for northern NJ and southeast PA.		
Strong to damaging southeast to south winds. Tree damage and power outages possible, especially closer to 100 mph.	Inland areas: 50-60 mph gusts. Coastal areas: 55-65 mph gusts.		
Minor to a heavy storm. (A) Approximate gusts to 14-20 mph. (B) Gusts up to 100 mph.	All Atlantic coast watersheds of the Delaware and Chesapeake Bay.		
Widespread heavy to moderate rain. Flooding is locally expected. River flooding possible.	Wind blowing along the Delaware River on Wednesday is expected to cause 7 to 10 ft flooding.		

Some rivers will rise 4 stage late tonight. Main sites will flood on Wednesday. Some areas of moderate river flooding.

Some smaller streams will crest early on Wednesday while others will continue. Slower-responding rivers crest until Wednesday/Thursday.

For the latest river forecasts...

April 9, 2024- Township Facebook Post. Announcement of an E-Waste Recycling Event for Montgomery County Residents to take place on Tuesday April 23 from 9am to 1pm at Elmwood Park in Norristown.

 **West Norriton Township**
April 9 · 🌐

APRIL 23 PRC E-WASTE RECYCLING EVENT FOR MONTGOMERY COUNTY RESIDENTS

PRC will host an e-waste recycling collection on Tuesday, April 23, from 9 a.m. to 1 p.m. at Elmwood Park in Norristown, Montgomery County to provide area residents with a convenient method of responsibly disposing of electronic equipment. At no cost, individuals can recycle one television, computer monitors and printers, CPU towers, laptops, phones, stereos, vacuum cleaners and other electronics. Visit website for complete details. Residents must register in advance at www.prc.org/CollectionEvents or by calling 610-353-1555 x3.

ELECTRONICS RECYCLING COLLECTION

SPONSORS



Pennsylvania
Resources
Council





peco
AN EXELON COMPANY

PARTNERS





ACLAMO



EVENT DETAILS

- Place all items in car trunk/truck bed.
- PRC follows all federal/state/local health and safety guidelines. Visit website for details.



e-Stewards
ENTERPRISE
The gold standard for socially and environmentally responsible electronics recycling and reuse

Montgomery County

Elmwood Park

**Upper Parking Lots - intersection of Johnson Hwy & Harding Blvd
Norristown, PA 19401**

**Tuesday, April 23, 2024
9 am - 1 pm**

NO RECYCLING FEE CHARGED

ITEMS ACCEPTED:

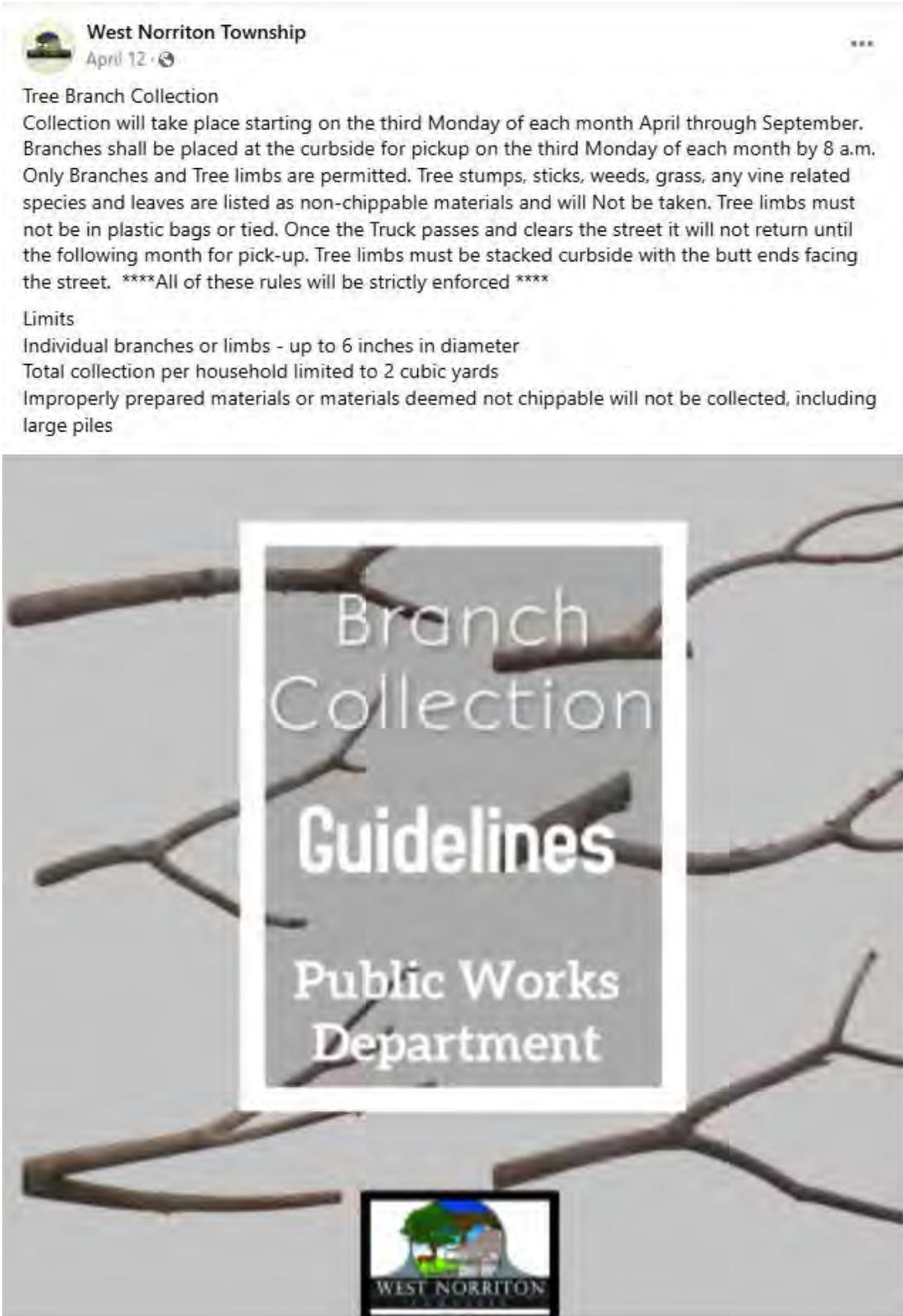
- television (1 free TV per registration, 1 registration per person)*
- computer monitors and printers
- CPU (towers), laptops, mice and keyboards
- desktop copiers and scanners; tablets, routers and modems
- home and cell phones
- cable boxes and electronic cables
- DVD players, VCRs, stereos and video game consoles
- vacuum cleaners

*Additional TV's accepted for a fee. \$30 for each additional CRT or Flat Screen TV, \$40 for each additional rear projection or console TV



ADVANCE REGISTRATION REQUIRED
prc.org/CollectionEvents · 610-353-1555 x3

April 12, 2024- Township Facebook Post. Tree Branch Collection event information shared including dates, times, and guidelines for pickup.



West Norriton Township
April 12 · 🌐

Tree Branch Collection

Collection will take place starting on the third Monday of each month April through September. Branches shall be placed at the curbside for pickup on the third Monday of each month by 8 a.m. Only Branches and Tree limbs are permitted. Tree stumps, sticks, weeds, grass, any vine related species and leaves are listed as non-chippable materials and will Not be taken. Tree limbs must not be in plastic bags or tied. Once the Truck passes and clears the street it will not return until the following month for pick-up. Tree limbs must be stacked curbside with the butt ends facing the street. ****All of these rules will be strictly enforced ****

Limits

- Individual branches or limbs - up to 6 inches in diameter
- Total collection per household limited to 2 cubic yards
- Improperly prepared materials or materials deemed not chippable will not be collected, including large piles



Branch
Collection
Guidelines
Public Works
Department



WEST NORRITON

May 29, 2024- Township Facebook post. Information to the public about not blowing grass clippings into the street. The post notes requirements to adopt an MS4 Ordinance adhering to the requirements and that lawn clippings entering the street that may enter the storm sewer system is a violation of the ordinance and a fine-able offense. The post is pinned to the top of the Township Facebook page.

West Norriton Township
May 29 · 🌐

When mowing your yard, make certain that you do not blow grass clippings into the street. West Norriton has an MS4 Permit with the DEP which regulates stormwater and pollution which may enter the streams from the storm system. Also, we were required to adopt an MS4 Ordinance adhering to these regulations. Lawn clippings blown into the street and not cleaned up by the homeowner may enter the storm system and is a violation of the MS4 Ordinance and is a fine-able offense. When mowing, make the first few passes with the lawnmower blowing the grass clippings into the lawn not the street. If there are grass clippings on the street or sidewalk, use a broom or leaf blower to blow them back into the lawn. Do not use a hose to wash them into the street or storm drains. Keeping your leaves and lawn clippings out of the streets and gutters will have significant benefits for your local lake or stream. You can reduce the amount of phosphorus entering a lake or stream and keep one of our most precious renewable resources clean for the next generation.



👍 13 4 comments 10 shares

May 29, 2024- West Norriton Township website post. Article titled, "Grass Clippings & MS4." Article discusses the contribution of nitrogen and phosphorous to stormwater due to grass clippings and its connection to uncontrolled growth of algae and aquatic weeds. The article discusses West Norriton's MS4 Permit, stormwater ordinance, and how residents can prevent leaves and grass clippings out of streets and gutters and stormwater management systems. The information resides on the Stormwater Management page of the Township website.

The screenshot shows the West Norriton Township website. The header includes the logo "WEST NORRITON PENNSYLVANIA" and navigation links for "GOVERNMENT", "DEPARTMENTS", "COMMUNITY", "DOING BUSINESS", and "HOW DO I...?". A search bar is present with the text "What can we help you find?".

The article content is as follows:

Posted on: May 29, 2024 | Last Modified on: May 29, 2024

Grass Clippings & MS4

Grass clippings contribute nutrients such as nitrogen and phosphorous, which cause unwanted and uncontrolled growth of algae and aquatic weeds in the waterways. Increased algae growth is observed as green algae blooms or "scums" on lakes and ponds. Too much algae is harmful to a lake system. It blocks sunlight and prevents other plants from growing. When it dies and decays, it also takes much needed oxygen away from fish. Limiting phosphorus reduces algae blooms. According to the Northeast Wisconsin Stormwater Coalition, one bushel of fresh grass clippings can contain 0.1 pounds of phosphorus which if it ends up in lakes or ponds is enough to produce 30 to 50 pounds of algae.



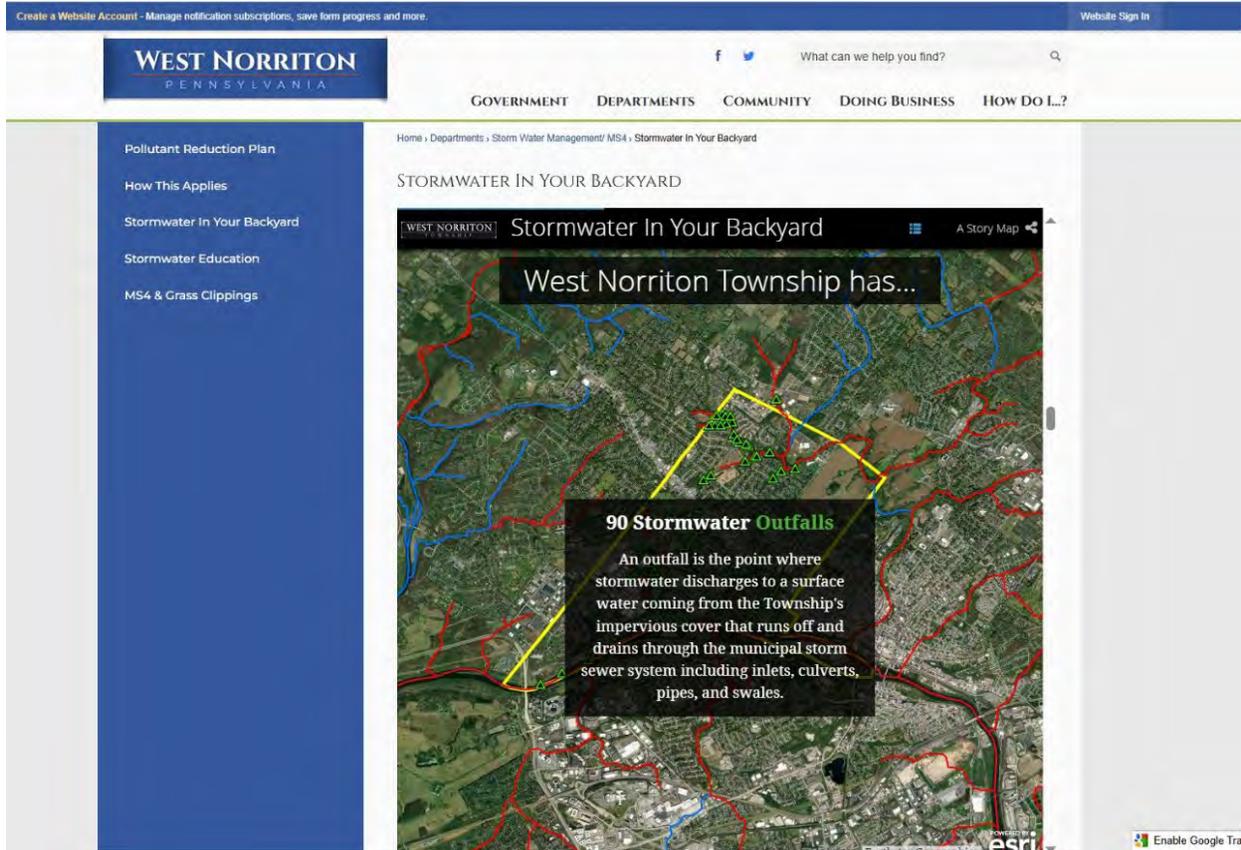
When mowing your yard, make certain that you do not blow grass clippings into the street. West Norriton has an MS4 Permit with the DEP which regulates stormwater and pollution which may enter the streams from the storm system. Also, we were required to adopt an MS4 Ordinance adhering to these regulations. Lawn clippings blown into the street and not cleaned up by the homeowner may enter the storm system and is a violation of the MS4 Ordinance and is a fine-able offense. When mowing, make the first few passes with the lawnmower blowing the grass clippings into the lawn not the street. If there are grass clippings on the street or sidewalk, use a broom or leaf blower to blow them back into the lawn. Do not use a hose to wash them into the street or storm drains. Keeping your leaves and lawn clippings out of the streets and gutters will have significant benefits for your local lake or stream. You can reduce the amount of phosphorus entering a lake or stream and keep one of our most precious renewable resources clean for the next generation.

On the right side of the page, there is a "Module Search" section with a search bar and a dropdown menu for "Select a Category" set to "All categories". Below this is a "Module Tools" section with links for "RSS", "Notify Me", and "View Archived". At the bottom right is a "Category Pages" section with links for "All Categories", "Township Events and News", and "Home - News".

Township website Stormwater Management MS4 webpage- Stormwater Education video. Education video provided on the Township website.

The screenshot displays the West Norriton Pennsylvania website. At the top left is the logo for West Norriton Pennsylvania. To the right are social media icons for Facebook and Twitter, and a search bar with the text "What can we help you find?". Below the header is a navigation menu with links for GOVERNMENT, DEPARTMENTS, COMMUNITY, DOING BUSINESS, and HOW DO I...?. A banner image shows a blue body of water. On the left side, there is a blue sidebar menu with the following items: Pollutant Reduction Plan, How This Applies, Stormwater In Your Backyard, Stormwater Education, and MS4 & Grass Clippings. The main content area features a breadcrumb trail: Home > Departments > Storm Water Management/ MS4 > Stormwater Education. Below this is the heading "STORMWATER EDUCATION" and a video player. The video player shows a photograph of two concrete storm drains in a rocky area with a blue play button overlay. A yellow speech bubble graphic on the right contains the text: "The storm sewer system is made up of storm drains and pipes...". A small logo for CEG & COMPANY is visible in the bottom left corner of the video frame. At the bottom of the page, there is a horizontal line with five circular icons representing different environmental or community topics.

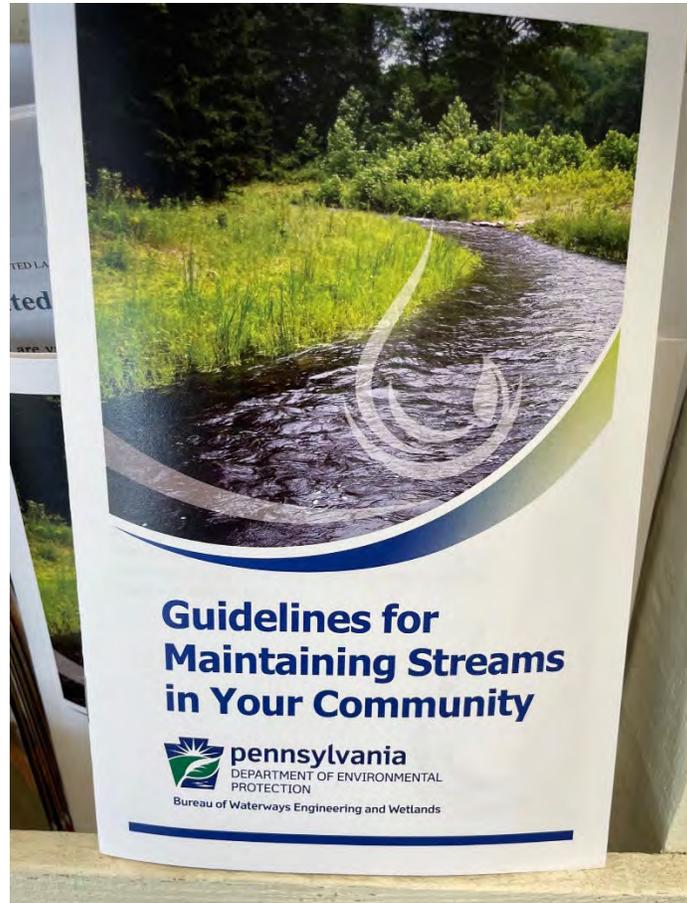
Township website Stormwater Management MS4 webpage- "Stormwater In Your Backyard," Story Map. Story map is provided on the Township website and contains information on stormwater pollution, BMPs, the stormwater management system including swales, streams and outfalls, MS4 goals, illicit discharges, and West Norriton Township implemented BMPs.



MS4 RESOURCES AVAILABLE IN TOWNSHIP BUILDING LOBBY



MS4 Resources include brochures, handouts, and pamphlets including those titled, "Guidelines for Maintaining Streams in Your Community", "Spring Stormwater Tips", "When It Rains, It Drains", "Smart Boaters' Guide to Clean Waters in Pennsylvania", "PENNVEST Nonpoint Source Program", and "The Schuylkill River Sojourn."



SPRING STORMWATER TIPS

CLEAR
Uncover and clean storm drains, gutters, and down spouts to help avoid flooding.

MAINTAIN
Inspect vehicles and other equipment for spills, drips, and leaks.

PLANT
Plant trees, native plants, and ground cover to soak up spring rains and provide food and habitat for pollinators.

PROTECT
Move stored chemicals such as salt, fertilizers, and pesticides to high areas where potential stormwater cannot reach.

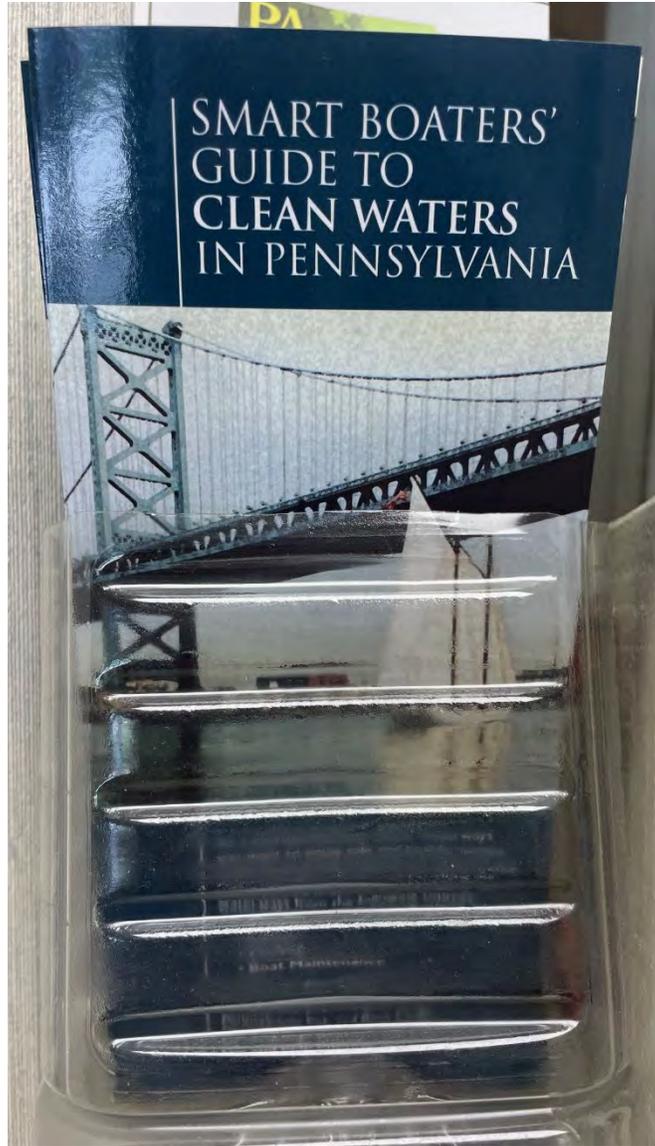
PICK UP
Pick up pet waste and dispose in a trash receptacle. Pet waste is a source of stormwater pollution.

DISPOSE
Properly dispose of any unwanted household paints and chemicals from spring cleaning at a local hazardous waste collection site.

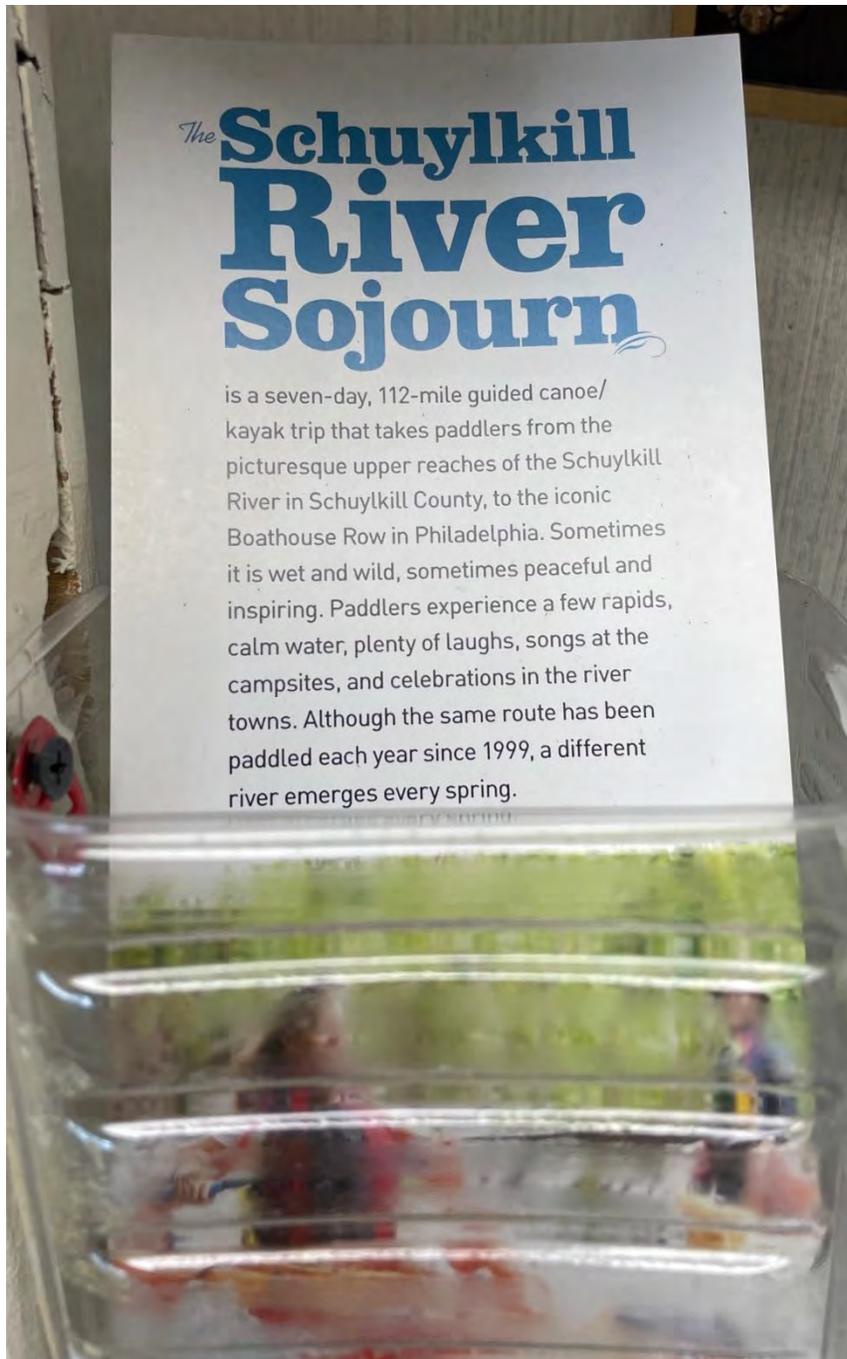
When It Rains, It Drains

Understanding Storm Water
and How It Can Affect
Your Money, Safety, Health,
and the Environment









The **Schuylkill
River
Sojourn**

is a seven-day, 112-mile guided canoe/
kayak trip that takes paddlers from the
picturesque upper reaches of the Schuylkill
River in Schuylkill County, to the iconic
Boathouse Row in Philadelphia. Sometimes
it is wet and wild, sometimes peaceful and
inspiring. Paddlers experience a few rapids,
calm water, plenty of laughs, songs at the
campsites, and celebrations in the river
towns. Although the same route has been
paddled each year since 1999, a different
river emerges every spring.

What's up!

WEST NORRITON

OFFICIAL TOWNSHIP NEWSLETTER



Jeffersonville New Clubhouse

For years golfers have held Jeffersonville Golf Club's 18 holes and conditions in the highest regard.

Soon enough, the amenities will start to match that.

Jeffersonville is currently in the process of building a state-of-the-art clubhouse and banquet facility, while continuing to invest in the course itself and upgrade on-course features.

Some of the highlights of the new building include plans for six TrackMan Golf Simulators and a fully-stocked Pro Shop. A restaurant will feature outdoor seating that overlooks the 18th green, and the multipurpose banquet facility will have outdoor seating overlooking holes No. 1 and No. 8. Meanwhile, a 10,000-square-foot putting green will help golfers practice and warm-up for their rounds.

It's all in an effort to provide even more quality to the golf experience at Jeffersonville.

The facility is expected to open in late 2023 or early 2024.

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1630 W Marshall Street
 West Norriton, PA 19403
 Phone: 610-631-0450 | Fax: 610-630-0304
westnorritontwp.org

Welcome To
WEST NORRITON
 TOWNSHIP

Montgomery County, Pennsylvania

Discover the Buzzworthy Apiaries at Jeffersonville Golf Club

Richard A. Shilling

The golf course staff are excited to report on several colonies of honeybees that you may or may not know have been living right here in our community. Since 2020 Jeffersonville Golf Club has been home to millions of these industrious little pollinators and with the help of head beekeeper Matt Sarault they have transformed the golf course into a buzzing sanctuary. Join us as we delve into the importance of honeybees and the mouthwatering honey they produce, known as "Of Course Honey."



Honeybees play a vital role in pollinating plants, ensuring the growth of seeds, fruits, and vegetables. At Jeffersonville Golf Club, their diligent work maintains the lush greenery that adorns our beloved golf course. These tiny creatures contribute to the vibrant colors and thriving ecosystem that make our community a beautiful place to live.

We are proud to share that "Of Course Honey," the golden nectar harvested from the hives at Jeffersonville, has gained recognition far beyond the golfing world. Its exceptional quality and exquisite taste have caught the attention of prestigious organizations like the Philadelphia 76ers. They have incorporated this honey into various products

served to their players, underscoring its superior flavor and purity.

We are thrilled to announce that the fall harvest of "Of Course Honey" will soon be available for you to enjoy. Whether you are a golf enthusiast or simply appreciate local, sustainably sourced products, we invite you to visit the pro shop at Jeffersonville Golf Club or the township building to experience the sweet delights of this remarkable honey. It's an opportunity to support our local ecosystem and savor the flavors that have captivated the palates of professional athletes.

The success of Jeffersonville Golf Club's apiaries serves as an inspiration for sustainable agriculture within unexpected spaces like golf courses. By integrating the cultivation of honeybees into their operations, the club not only benefits the environment but also sets an example for other organizations to follow. It's a testament to the dedication and passion of the team at Jeffersonville Golf Club, who have created a thriving and sustainable habitat for these remarkable pollinators.

So, the next time you taste a spoonful of "Of Course Honey," relish its journey from the hives at Jeffersonville to your table. Let it be a reminder of the significance of honeybees and their vital role in our community. Take a moment to appreciate the tireless work of Matt Sarault and his buzzing companions, who have transformed a game of swings and putts into an extraordinary testament to the power of nature.

Thank you for being a part of our community and supporting initiatives that promote sustainability and environmental stewardship. Don't miss the opportunity to experience the fall harvest of "Of Course Honey." Visit the pro shop or the township building and indulge in the sweetness that nature has to offer.



EAC Pollinator Garden

This year the Environmental Advisory Council (EAC) members planted a pollinator garden on the grounds of the West Norriton Township Administrative and Police Building. Township staff and administration also assisted on this project. The garden is placed between the sidewalk and the police station, with a paved path from the sidewalk to the garden. Several benches are placed in front of the garden for viewing.

This garden is designed to support migrating monarch butterflies, as well as many other insects, bees, butterflies, and birds. It is vital to plant native plants locally to support the health of all these beautiful, fascinating, and most importantly, necessary insects and species. Native plants are typically plants that were here during the Pilgrims' days. They are plants that thrive in our area. There are also naturalized plants as well that support our birds and insects. We will be putting out a list in the future detailing which plants are in the garden, as well as some local sources to find them. There are garden centers that are easily accessible that supply only native plants. We hope in the future to use the garden as a teaching tool for schools and residents.

Because native plants thrive so well, and grow so quickly, they will give your garden the look of a mature garden in a year. We put the plants in late last September, and if you visit the garden this summer, you will see how big every plant has grown in less than a year. Natives are mostly perennials, and offer quite a variety of color, texture, size, and fragrance. You will see hummingbirds, yellow finches, butterflies, and bees, as well as other species. It's so exciting to say, "I see a hummingbird!"

We are hoping you will take some time to come see the garden, and see what all the butterflies, birds and other insects love to eat. You will find the plants starting to bloom in early May and continuing until late October. There is a lot to learn about pollinators. You can find information on them on the Audubon.org website, BirdtownPa.org, and Penn State Extension.



Leaf Collection

Leaf collection will occur October through December. Due to weather conditions the dates may vary.

Guidelines to make leaf collection safe & efficient:

1. Curbside leaf piles are to be 12" high and 18" wide.
2. DO NOT mix limbs, brush and other debris with leaf piles as such items may cause damage to collection equipment and injury to Township personnel.
3. Adverse weather conditions may cause delays.
4. Township employees and/or equipment are not permitted to enter private property to remove leaves.
5. Once the leaf machine has passed it will not return until every street in the Township has been collected.
6. If your residence is located on the corner of the street, please place the leaves to be picked up at least 25 ft. from the intersection.
7. If you live on a private street in the Township, we will pick up your leaves but they must be bagged. Since most of the private streets in the Township have narrow widths we cannot take the leaf machines down those roadways and safely turn the machine around. Once you have the leaves bagged please call the township office at (610) 631-0450 and schedule the pick-up.



Where Can I Recycle Used Batteries?

Please don't throw away your used batteries! These batteries are fully recyclable, and we have set up a collection tube for used batteries at the West Norriton Township Administration building.

Since 2021, the West Norriton Environmental Advisory Council (EAC) has collected and recycled more than 300 pounds of used batteries, sending them to a recycling company instead of a sanitary landfill. At the recycling center, your used batteries are processed, then turned into new steel products, brick colorant, and even fertilizer for corn and soybean farmers.

When batteries are discarded, they usually end up in a landfill, eventually deteriorating over time. Their contents could potentially mix with groundwater and impact the local aquifer. So next time you have some used batteries, please bring them to the Township building and look for our collection tube (pictured below). If you have any questions, please contact us at EAC@wntwp.com.



Norriton Dog Park



The West Norriton Board of Commissioners has approved and received funding for a dog park/recreational area that will be located on the Van Landeghem tract along Eagle Drive. The first official Dog Park was built in Berkeley, California in 1979 and since then, there are thousands in communities across the country. These parks sustain open space and provide an opportunity for community activities. The anticipated completion date is Summer of 2024 with full operation by Fall 2024.

The Township, along with East Norriton Township, received a grant from State Representatives Matt Bradford and Joe Webster. This park will be a joint venture between the Townships for the enjoyment of their residents.

After completing storm water remediation, and receiving permitting by environmental agencies, construction will begin within the next few months. Invasive trees will be removed. Native trees will be planted.

There will be separate areas for small and large dogs. There will be a walking trail around the perimeter of the park for humans. The dog park will require a membership, proof of vaccinations, and an orientation. Members will receive a key fob to enter the park.

Our plan is to create a wonderful recreational asset for the West and East Norriton communities. We will make sure this a safe haven for our canines and their owners.

Public Works

Snow Removal

West Norriton Township Public Works Department makes storm preparedness a priority all year round. Salt and other necessary tools/materials are stocked in mid-summer to ensure that The Department has the necessary resources for Township residents to have a less stressful winter.

Please understand the Township's snow removal process below to make sure everything goes according to plan during a storm:

Priority Roads

As snow begins to accumulate, the Township concentrates on certain roads. The first streets that receive attention are the Snow Emergency Routes. Once the Snow Emergency Routes are treated then the crews move into their regular residential routes.

Snow on State Roads

State snow removal crews are responsible for clearing state roads. These roads are as follows: W. Main St, Trooper Rd, W. Marshall St, Whitehall Rd and Burnside Ave. A Township plow will however keep its blades down while traveling a state road to assist in the state's snow removal process out of courtesy and safety for travelers.

Salting and plowing

There are two aspects of a snow operation - salting and plowing. When roads start to freeze from falling precipitation, salting operations begin on the Snow Emergency Routes and continue until all roads are completed or until it is no longer effective to salt (due to the depth of snow). The more traffic on a road, the more effective the salt. As a result, some residential streets with small amounts of traffic may appear to have not been salted.

Please keep in mind that as temperatures drop, salt becomes less effective. Once the temperature drops below 20 degrees, salt is no longer effective.

If snowfall accumulates and plowing is required, salting operations cease. When the snow stops and final plowing is accomplished on all roads, salt is spread again. All roads are monitored for icy spots and re-salted where dangerous conditions persist.

Mailboxes

Property owners should check their mailbox front to ensure that it is the minimum of six inches behind the face of the curb, which is within federal postal regulations. Prior to the start of winter, the homeowner should reset any mailbox protruding past the minimum measurement of six inches behind the face of the curb. This will ensure that the mailbox will not be damaged during the plowing operations. Any damage that may occur will be the responsibility of the homeowner, unless the plow truck was directly responsible for the damage.

Basketball Backstops

All basketball backstops should be removed from any Township Right-of-Way, which is generally 1 foot behind the sidewalk. Any damage that may occur during plowing operations will be the responsibility of the homeowner.

Driveway Clearing

As salting and plowing are difficult operations to perform, residents are required to park in their driveways when snow is anticipated to accumulate three inches or more, rather than on the street as per ordinance 2014-683. Please keep in mind that it is almost impossible to keep snow from being deposited at your driveway during plowing, as the plow cannot be lifted or stopped at each driveway as it passes.

Important Driveway Tip

If you have your driveway plowed before the street is completed, clear an area to the left of the drive entrance (standing in the driveway, facing the street). When your street is plowed, the snow from the plow can be unloaded in this area instead of your driveway.

Plows sometimes find it necessary to make several passes in order to clear snow all the way to the curb to allow for property drainage.

Please, do not empty snow from your driveway into the street; this slows the overall plowing operation. Also, if snow that is placed in the street freezes, it can create a traffic hazard.

Sidewalk and Fire Hydrant Clearing

Residents and business owners are asked that, as a courtesy, all public sidewalks be shoveled within 24 hours after a snowfall. Otherwise, individuals could slip and become injured. Remember that it is easier to remove snow before pedestrians pack it down.

If you have a fire hydrant on your property, please clear the snow away from the area around it. This will assist fire crews in the event of an emergency.

Patience Please

Please be patient. Snow removal is a difficult and time-consuming process. Since Township crews need many hours of intensive labor to complete snow clearing operations, please try to limit your travel during and immediately following a snowfall unless absolutely necessary. The less traffic on the roads during snow clearing operations, the quicker the job can be completed.

Important Numbers

For emergencies call: 911

Public Works Department: (610) 631-0450

Please only call if it is an urgent matter. If snow removal crews are sent off their normal routes on special efforts, it slows down the overall cleanup. Your street will be plowed as quickly as possible.

If you do call to report a condition, the information is immediately dispatched to a truck in your district. There is no need to call a second time.

In the event of a police, fire or ambulance emergency, the Township's plow drivers are dispatched in conjunction with the emergency vehicles.

Neighbor & Family Safety

West Norriton Township would like to thank residents for their continued support throughout the winter season, and remind residents to check on family, friends and neighbors to ensure their safety and wellbeing this winter.

What's up!

WEST NORRITON

OFFICIAL TOWNSHIP NEWSLETTER

Spring / Summer 2024



AMERICAN RESCUE PLAN ACT

West Norriton Township received American Rescue Plan Act (ARPA) funds to provide homeowners township-wide, who meet low- and moderate-income eligibility requirements, financial assistance needed to rehabilitate owner-occupied residences. The township has allocated a total of \$300,000 towards this program and each household can apply for a maximum of \$10,000 in grant funding should they meet the eligibility criteria.

The Owner-Occupied Housing Rehabilitation Program will increase access of low-income homeowners to rehabilitation funds to provide safe and decent housing. The program will focus on critical systems of the home including the heating, plumbing and electrical systems and repairs or replacements to maintain the housing structure.

The objectives of the program are simple and straightforward:

- Eliminate unsafe and unsanitary living conditions for low and moderate-income homeowners.
- Address code compliance.
- Preserve, maintain, and improve the affordable housing stock.
- Prevent the decline of properties and eliminate blighted areas.
- Address lead-based paint hazards in pre-1978 housing.
- Expand living options for persons with disabilities through home modification.
- Facilitate aging in place.
- Address essential repair necessary to safeguard against imminent danger to human life, health, or safety.
- Allow for repairs necessary to protect the property from further structural damage.

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1630 W Marshall Street
West Norriton, PA 19403
Phone: 610-631-0450 | Fax: 610-630-0304
westnorritontwp.org



Montgomery County, Pennsylvania

JEFFERSONVILLE GOLF CLUB

Think 50,000 rounds of golf per year is a lot? Jeffersonville Golf Club is about to drive even more business to the community.

Ranked a top -10 public course in Pennsylvania by several golf media companies, Jeffersonville is putting the final touches on a complete renovation of its amenities, clubhouse and more. The club is adding a brand-new restaurant (The Burgess) alongside a banquet facility and pro shop, matching the top-rated course with offerings for golfers and non-golfers, alike.

There's also a brand new 11,200 square-foot practice putting green and six state-of-the-art indoor golf simulators for practice, leagues, lessons and special events. The practice putting green, The Barnyard, will also feature a 9-hole putting course several days per week — free to the public.

"In my 12 years with the township this has been one of the most exciting and collaborative projects I've seen," said Jason Bobst, West Norriton Township manager. "Jeffersonville has been a community asset for decades. Now, we get to see it take the next step by adding these incredible new business offerings."

For golfers and non-golfers alike, The Burgess Restaurant and Bar should become one of the area's most popular stops in 2024. Setting the menu and managing the kitchen is executive chef Ricky Steadman, who was trained at The Culinary Institute of America. Steadman worked at many successful and world-renowned golf courses, including Pebble Beach and Augusta National.

The Burgess is a great example of Jeffersonville's story, with callouts to the history of the grounds throughout the space. The 100-seat restaurant and bar overlooks the 18th green and other parts of the golf course. The menu balances the line between comfort and fine dining with creative, fresh offerings.

Alongside the restaurant is a banquet facility available for rent for special events that range from corporate meetings to weddings. The space accommodates up to 250 wedding guests and there are multiple options for corporate outings, team-building retreats or business meetings. Anyone interested in hosting an event in this versatile space can email Justin Bennett at JBennett@jeffersonvillegolfclub.org.

Throughout it all, the golf course is top-of-mind. Superintendent Rich Shilling and his maintenance team continue to restore the

Donald Ross classic design to its original intent. Overall, the golf course's quality — and a golfer's experience — has never been better.

The Trackman golf simulators add a new level of excitement to the property. Meanwhile, the Bunker Bar (located in the basement alongside the simulators) offers a more intimate atmosphere akin to the most exclusive private clubs. The bar's offerings range from a large selection of whiskeys and canned cocktails to a curated craft beer list.

The Burgess is set to open in mid-March, while the banquet facility and golf simulators should open shortly after.

As always, anyone interested in learning more about Jeffersonville Golf Club can visit jeffersonvillegolfclub.org

Golf with Sustainability in Mind

Jeffersonville Golf Club continues to implement significant sustainability efforts, and this Spring that will be seen through the golf course's mowers.

Jeffersonville recently invested in several robotic mowers as the golf course begins an experimental phase of course maintenance that will significantly reduce carbon emissions and noise pollution, while presenting other benefits.

"Every year we look around and think about what we can do to better protect our property and invest in the community around us," said golf course superintendent Rich Shilling. "This is an exciting new effort for us, and I know we're all looking forward to learning and seeing how it evolves."

The robotic mowers will mean a more consistent rough length, as the mowers can work seven days per week, 16 hours per day. These mowers will not impact employment. Instead, it should allow employees to do more detail-oriented work, focusing on more difficult and skill-based projects around the property.

The mowers should be on the course throughout the spring and summer as Jeffersonville staff works them into the maintenance schedule and reviews their impact on the property. This all adds to the additional sustainability efforts at the course, including beekeeping — which has been a focus over the last few years.

THE WEST NORRITON ARTS AND CULTURE COMMISSION

Are you "Artsy"? The West Norriton Arts and Culture Commission (ACC) wants you!

The West Norriton Arts & Culture Commission (ACC) was established two years ago. We currently have four members and are looking for one more. We meet every third Wednesday of every month at the West Norriton Township building located at 1630 W Marshall Street. The meeting starts at 6:30 pm and lasts about an hour. The vibe is informal. We brainstorm ideas and we do what it takes to make our ideas a reality.

One such reality was our Second Annual Academy of Vocal

Arts concert performed before a great audience at the Ascension United Church of Christ, February 4. We hope to make this an annual event.

The mission statement of the ACC embraces all the Arts from the traditional to them experimental.

My mission as a Township Commissioner is to provide support to the ACC bringing Arts to our Township. How cool would it be if our humble community became known for its Arts initiatives?

continued next page

PUBLIC WORKS

SWIMMING POOL GUIDELINES

Pennsylvania Department of Environmental Protection Southeast Regional Office

2 East Main Street Norristown, PA 19401

The discharge of any sewage or industrial waste, including swimming pool water to a water of the Commonwealth without a permit is a violation of the Clean Streams Law, the Act of June 22, 1937 P.L. 1987, as amended.

It has been the Department's policy not to require permits for discharges from single residence pools provided the guidelines outlined below are followed. Local municipalities should be contacted concerning local ordinances.

These guidelines shall not be construed so as to waive or impair any rights of the Department of Environmental Protection to prosecute the property (pool) owner and/or pool company for any stream damage that occurs as a result of the discharge. Penalties would be assessed under the provisions of the Clean Streams Law.

Pool Guidelines:

A. Disposal of Water to Sanitary Sewer

1. If the municipal authority grants permission, discharging of pool backwash water, neutralized pool cleaning wastewater and standing water to the sanitary sewer system is the best environmental alternative. Care should be taken in making sure the discharge is to a sanitary sewer and not a storm sewer which would be hauled off-site for disposal at an approved treatment facility.

B. Discharge of Water

1. The following guidelines must be followed if water is not pumped or hauled to a sanitary sewer. Water should be pumped over a grassy area to allow absorption, filtration and aeration of water. The discharge should be at a rate which prevents erosion and optimizes infiltration. In no event shall pool waters be directly discharged to waters of the Commonwealth.
 - a. Standing water or accumulated rain and/or pool water from the previous season should be pumped from the top so as not to disturb settled solids. Solids on the pool bottom should not be discharged. Following pump down of water, solids should be cleaned out manually. The discharge should not raise instream temperatures by more than 2 degrees F in a one hour period or a total of 5 degrees F, pH should be between 6 and 9 standard units and total chlorine residual should be 0.0 mg/l.
 - b. Cleaning wastewaters containing muriatic acid or chlorine that is used in cleaning pool surfaces needs to be treated prior to discharge. Muriatic acid wastewater should be neutralized to a pH between 6 and 9 standard units. Chlorine rinses should stand for a period of days to allow chlorine degradation prior to discharge. Total chlorine residual of the wastewater discharge should be less than 0.5 mg/l. Temperature should be monitored as above (standing water), Chlorine rinse water pH should be between 6 and 9 standard units.
 - c. Filter backwash water during normal pool operation must be at a sufficiently low volume that all water infiltrates to the ground. Backwash water discharged to a stream or storm sewer is not permitted.

Questions concerning pool guidelines should be directed to Pennsylvania Department of Environmental Protection, Southeast Regional Office, Bureau of Water Management, Telephone: 484-250-5970.

TREE BRANCH COLLECTION

Collection will take place starting on the third Monday of each month **April through September**. Branches shall be placed at the curbside for pickup on the third Monday of each month by 8 a.m. **Only Branches and Tree limbs are permitted.** Tree stumps, sticks, weeds, grass, any vine related species and leaves are listed as non-chippable materials and will **Not** be taken. **Tree limbs must not be in plastic bags or tied.** Once the Truck passes and clears the street it will not return until the following month for pick-up. **Tree limbs must be stacked curbside with the butt ends facing the street. The months of February and March will be used as demanded.**



******All of these rules will be strictly enforced ******

Limits

- o Individual branches or limbs - up to 6 inches in diameter
- o Total collection per household limited to 2 cubic yards
- o **Improperly prepared materials or materials deemed not chippable will not be collected, including large piles**

YOUR GASOLINE POWERED LAWN EQUIPMENT IS HARMING YOUR HEALTH

In October 2023 Penn Environment released a new report titled *Lawn Care Goes Electric*, detailing emissions from gas-powered lawn and garden equipment by state and county across the United States. These emissions harm human health and increase greenhouse gas emissions, impacting climate change.

According to the Report, “gasoline engines in many leaf blowers, snow blowers and lawn mowers emit far more health-threatening pollution than typical cars.” Gasoline-powered lawn mowers, trimmers and leaf blowers are noisy and polluting, with “some machines emitting as much pollution in an hour as driving hundreds of miles in a car”. When these machines are used, people inhale the air pollutants which puts their health at risk, and they emit many pollutants that are known carcinogens. These emissions can worsen asthma and other respiratory illnesses as well. In addition to negative health impacts and greenhouse gas emissions, gasoline powered lawn equipment adds noise pollution to our environment.

Two-cycle engines, typically in leaf blowers, use part oil and part gasoline. One third of this mix goes directly into the air. Briefly, a study was done that revealed that driving a pickup truck from Austin Texas to Anchorage Alaska was less polluting than using a two-cycle engine for 30 minutes. The gasoline engines in many leaf blowers, trimmers and lawn mowers emit far more health-threatening pollution than typical cars. Cars have catalytic converters which greatly decrease pollution. According to the Report, using a gasoline powered leaf blower for an hour produces as much air pollution as 15 cars driving around for an hour. According to 2020 data from the US Environmental Protection Agency (EPA), gasoline powered lawn equipment emitted:

- Nearly 22,000 tons of fine particulates – pollutants linked to respiratory illness and premature deaths.
- More than 68,000 tons of nitrogen oxides and 350,000 tons of volatile organic compounds – the two chemical components of ground-level ozone, which triggers asthma attacks and contributes to premature deaths.
- More than 30 million tons of carbon dioxide, the leading cause of global warming.
- A wide array of chemicals that cause cancer, including benzene and formaldehyde.

Members of the West Norriton Environmental Advisory Council (EAC) recommend township residents switch to electric lawn equipment when it comes time to replace your lawn and garden equipment, or even sooner than necessary. Electric lawn equipment operates cleaner and quieter than the gasoline power equipment. It’s better for your own health as well as the environment.

Consider not blowing your leaves as often or cut back on cutting your grass. Leaves should be left under shrubs and trees for the winter since they are protecting many different species of insects. Also, try using a rake for small jobs. All of us can make a positive impact on the health of the planet by doing one small change in our routines to protect all creatures great and small, including ourselves.

HOW THE INFLATION REDUCTION ACT CAN BENEFIT YOU

Most people are unaware of federal legislation passed in 2022 called the Inflation Reduction Act (IRA), let alone what’s in the bill and why it’s important for Americans. The IRA is the largest clean energy investment America has ever made, moving us significantly closer to achieving climate goals of reducing U.S. carbon pollution 40% below 2005 levels by 2050 while bringing energy bill relief to American households.

The IRA contains key measures that will help households electrify their vehicles, home heating systems and appliances and convert to rooftop solar by taking advantage of tax credits and direct rebates that offset these technologies’ upfront costs. If a household installs a modern electric heat pump to replace their furnace, a heat pump for water heating, and converts to an electric vehicle and rooftop solar, they will save \$1,800 per year on energy bills. Helping American households access these savings is not only critical to relieving inflation costs, but also to providing stability for the future, as these electric technologies have predictable operating costs.

Overall, 42% of our energy-related emissions stem from decisions Americans make around our kitchen tables: what kind of transportation we use, how we heat the air and water in our homes, cook our food, and dry our clothes. The only way to remove these emissions is to have our households run on machines with plugs, not pipes. This is a climate must-do for the planet, an energy security must-do for America and an anti-inflation must-do for American families.

So, the next time you are in the market for a new vehicle or home appliance, or wish to convert to rooftop solar, consider going electric and take advantage of the incentives offered through the IRA. You’ll be helping the planet and your wallet. For more information visit [Rewiring America](#) which provides details on the various incentives and a handy calculator to see how much you qualify for.



Stormwater Pollution Prevention Tips

Spring 2024

CARING FOR YOUR YARD THIS SPRING

Spring is here and with it comes warmer weather, longer days and lots of yard work! Before you head outside to tackle your latest project, remember that what you do on your yard has a direct impact on the environment. This is especially true when it comes to caring for your lawn.

Lawns are notorious for their negative impacts on wildlife as well as local waterways. Luckily there are lots of small steps that you can take as a homeowner to make your yard more eco-friendly!

Consider these tips to reduce stormwater pollution and create wildlife habitat on your property this spring.



LEARN MORE BY SCANNING THIS QR CODE OR BY VISITING OUR WEBSITE:
WWW.PERKIOMENWATERSHED.ORG



Clean-up: Collect and dispose of any trash that might have blown into your yard over the winter. Mulch or compost leaves and garden cuttings from the fall so that they don't get washed into local streams.



Fertilize Carefully: Look for slow release nitrogen fertilizer which is less likely to harm water quality. Several small fertilizer applications spread out over the growing season is better than one large application. Never apply fertilizer before it rains!

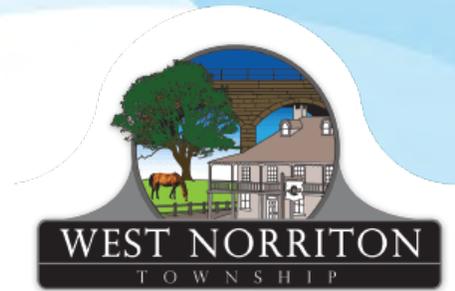


Plant Natives: Spring is a great time to plant native trees, shrubs and perennials! Native PA species require less maintenance, are more beneficial for wildlife and absorb more stormwater than non-natives.



Mow Sharp and High: A sharp mower blade cuts grass cleanly which improves turf health. Set your mower deck to 2.5" or more to help reduce stormwater runoff. Consider converting a section of your lawn to native garden!

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



APPENDIX B

**MCM#2
PUBLIC INVOLVEMENT AND
PARTICIPATION PROGRAM**

- Public Involvement and Participation Documentation
- Board of Commissioners Work Session Meeting Minutes
- Environmental Advisory Council Agendas
- Perkiomen Watershed Conservancy Statistics Package

Township Facebook Post. The Township regularly hosts live video feeds of the Board of Commissioners meetings on their Facebook page for the public to view and make comments on. Examples of the live Board of Commissioners meetings are provided below:

 **West Norriton Township** was live.
July 11, 2023 · 🌐

July 2023 Commissioners Meeting



0:17 / 1:06:01

1 Like 3 comments

Like Comment Share

View more comments

 **Kim Haymans-Geisler** ·
Yes, Mr. Ashley, I definitely agree that a dog park is a LUXURY in these times of dire climate change and periodic flooding in your condo community!

1y Like Reply

 **West Norriton Township** was live.
August 8, 2023 · 🌐

August 2023 Commissioners Meeting



2 Likes 1 comment

Like Comment Share

 **Lex Don**
I was curious as to who I could bring this up with. I love the park that was built for the kids but I was wondering if an indoor playhouse could be added just like the smith memorial playground and playhouse. This would be great to add to the community... [See more](#)

48w Like Reply

November 29, 2023- Township Facebook Post. Notice of Leaf Collection event which took place the week of December 4, 2023.

West Norriton Township
November 29, 2023 · 🌐

Leaf collection will end the week of December 4th.

To ensure your leaves are collected, please have them out to the curb by Monday, December 4th. Once the truck passes through your neighborhood the week of the 4th, it will not return.

LEAF COLLECTION

Leaf collection will end the week of December 4th

Leaves must be curbside by Dec. 4th to ensure they will be collected.

Once the truck passes through your neighborhood, it will not return.

21 5 comments 15 shares

Like Comment Share

December 5-6, 2023- Township Facebook Post. Updates on Leaf Collection event.

West Norriton Township
December 5, 2023 · 🌐

Streets Completed on Tuesday December 5th.

Leaves have been picked up from these streets and the trucks will not be back:

Sheridan Lane, David Lane, Williams Way, S. Montgomery Ave, Lincoln Terrace, Joseph Street, Rittenhouse Blvd, Christopher Lane, Beaver Hollow, Deerfield Road, Pheasant Lane, Magnolia Lane, Peachtree Lane, S. Whitehall Road, Evergreen Road, S. Wakefield Road, Butler Ave, Juniata Road, Orchard Lane, S. Schuylkill Ave, Hemlock Road, Berkley Road, Byrd Dr, Varnum Road, School Lane, Virginia Lane Keswick Way, Brandon Road, Shirley Lane, Carey Lane, Lawn Ave, Rose Ave, Larkin Lane, Clemens Circle, Horseshoe Rd, Spring Circle, Farm Circle and N. Trooper Rd.

👍 10 2 comments 10 shares

👍 Like 💬 Comment ➦ Share

View more comments

Barb Bertolette
Hopefully you can come back to South Wakefield road not all residents are on Facebook to know the pick up schedule

31w Like Reply

West Norriton Township
December 6, 2023 · 🌐

Streets Completed on Wednesday December 6th.

Leaves have been picked up from these Streets and the Trucks will not be back.

Chestnut Ave, Potts Ave, Galbraith Ave, Crawford Dr, Weber Lane, Plowshare Dr, Barnwood Circle, Oakland Dr, Wagon Wheel Rd, Singletree Lane, Split Rail Circle, Paddock Circle, Harvest Circle, Worthington Circle, Doris Drive, Ronald Drive, Harrow Circle, Stable Road, Buggy Whip Circle, Country Circle, Dairy Lane, Alexander Drive, Steven Street, Burnside Ave, Davis Drive Deacon Drive, Sterigere Street (1900/2000 Blk), Bishop Drive, Cardinal Circle, Prelate Circle, Liberty Ave, Clearview Ave, Penfield Ave, Constitution Ave, Liberty Ave, Republic Ave, New Street, Union Street, East Chestnut, Acorn Way, Palmer Drive, Kramer Drive, Pennburn Road, Chancellor Court, N. Schuylkill Ave, Ardin Dr, Holloway Road and Brookside Road, Heston Ave, Mill Road, Betzwood Drive, Mystic Lane, Forge Way, Diane Circle, Stinson Lane, Hillside Lane, Hillside Drive, N and S Parkview Drive, Cedar Grove Lane, Wayfield Drive, Riverview Road, S. Trooper Road, Port Indian Road and Egypt Rd.

👍 4 3 comments 3 shares

👍 Like 💬 Comment ➦ Share

View more comments

Karen Keyser
Leaf collection this year was very timely and frequent. Thanks to the township crew for a wonderful job!

31w Like Reply 🌐 2

West Norriton Township
Karen Keyser thank you! When the weather cooperates good thing's happen

October 3, 2023

Mr. Smock, President of the Board, convened the work session at 7:00 PM on the above date. Also present were Commissioners Milazzo, Pavone and Miller (Commissioner Eckles was absent), as well as: Jason M. Bobst; Sean Kilkenny, Esquire; Kailie Melchoir, Esquire; Michael Kelly; Stephen Morris; Donna Horn; Michael Valyo; Allan Booz; and Jon Dzedzy. After reciting the Pledge of Allegiance, the meeting proceeded.

Presentation

Cedarville Eng. MS-4 Report

Jennifer Orr-Greene of Cedarville Engineering presented a report on the MS-4 program which details state and federal requirements to maintain and manage storm water. According to Ms. Orr-Greene, there are three (3) components to MS-4: Minimum Control Measures (MCM); Pollutant Reduction Plan (PRP); and Pollutant Control Measures (PCM). The mission of the MS-4 requirements, which include public education and involvement, illicit discharge and elimination, construction site runoff and pollution protection is a 10% reduction of sediment in storm water. Ms. Orr-Greene highlighted the Township's programs and efforts in this regard and confirmed that the work done by the Township implemented Best Management Practices (BMP) to get to that 10% reduction target.

EAC – Bird Town

Shari Donath of the EAC read a mission statement of Bird Town Pennsylvania which works in partnership with local municipalities and like-minded organizations to promote community-based conservation actions to create a healthier environment for birds, wildlife and people. According to Ms. Donath, birds are important to the environment as, among other benefits they provide, they eat 4-5M bugs. Per Ms. Donath, she is looking to get a committee together of 5 - 6 people to work with the EAC as an advocacy group for bird-related initiatives. As part of this movement, a Resolution Adopting Initiatives to be Recognized as a PA Audubon Council Bird Town has been proposed. Mr. Miller thanked Ms. Donath for her work and that of the EAC.

**Discussion/
Status Update**

Discussion/Status update was given by Mr. Bobst as follows:

- A. Regarding the proposed Hookah Lounge Ordinance, a review of same needs to be completed by the Township and County Planning Commissions prior to advertising of the proposed Ordinance.
- B. The price of sodium chloride (road salt) for the 2023-2024 season through the Salt Bid is \$64.84 per ton delivered.

Donna Suevo – Chair
Richard Cole
Sue Devenny
Shari Donath
Barb Pollarine
EAC@wntwp.com



Agenda

September 6, 2023

5:30 p.m. West Norriton Township Building

1. Approve July minutes
2. Bird Town – next steps
 - a. Resolution
 - b. Committee
3. Comprehensive Plan open house – Monday September 18th from 5:30 to 8:30 at the township building
4. Native Meadow and Riparian Buffer Showcase – Friday, September 22nd from 10:00 to 12:00
5. EAC Network Fall Gathering, an in-person networking and training event, will be held Saturday October 21 at West Chester University.
 - a. Join fellow Environmental Advisory Council (EAC) members, municipal staff, elected officials, and others interested in the work of EACs for a full day of training and networking
 - b. Registration is now open – who wants to attend
 - i. Shari
 - ii. Richard
6. Fall Festival – Saturday, October 14th from 12:00 to 5:00 at Centennial Park
 - a. EAC will have a table
 - b. Looking for help staffing the table and ideas for what to give out
7. Next meeting – Wednesday, October 4th at 7:00 PM
 - a. November – November 1st
 - b. December – no meeting – holiday dinner on December 6th
 - c. January 2024 – no meeting on January 3rd

Donna Suevo – Chair
Richard Cole
Sue Devenny
Shari Donath
Barb Pollarine
EAC@wntwp.com



Agenda

October 4, 2023

7:00 p.m. West Norriton Township Building

1. Approve September minutes
2. Gas-powered leaf blowers and trimmers
3. Bird Town – next steps
 - a. Resolution
 - b. Committee
4. Native Meadow and Riparian Buffer Showcase
 - a. Donna and Sue attended
5. EAC Network Fall Gathering, an in-person networking and training event, will be held Saturday October 21 at West Chester University.
 - a. Shari and Richard are attending
6. Fall Festival – Saturday, October 14th from 12:00 to 5:00 at Centennial Park
 - a. Donna and Barbara will staff a table
 - i. Recycling guide
 - ii. Pollinator garden
 - iii. Seeds
 - iv. Candy
 - v. Reusable bags
 - vi. Other ideas
7. Next meeting – Wednesday, November 1st at 7:00 PM
 - a. December – no meeting – holiday dinner on December 6th
 - b. January 2024 – no meeting on January 3rd

Attendees: Martin Miller, Sue Devenny, Shari Donath, Donna Suevo, Richard Cole, Barbara Pollarine

-Meeting called to order at 7:10 pm

-November minutes were approved

-Discussion was held regarding Sue Devenny assuming the chair person position for the EAC. All members participated in the discussion and unanimously approved the change. Sue has been an active and hard working member of the EAC over the past several years. We appreciate Sue for assuming the responsibilities.

-Sue agreed to meet with township manager Jason Bobst to gain access to the WNTTEAC portions of the township website for posting of WNTTEAC minutes meeting agendas, meeting agendas and articles about the work of the EAC.

-Shari Donath reported about the effort to have the township designated a Bird Town. Township Commissioners had approved going forward with the application for the designation. Shari is coordinating the effort and will be speaking with township manager about this. More information will be posted on this soon. Shari is a long time volunteer with the Audubon Society and the property Mill Grove. Part of the requirements of this designation is that a team made up of community members be created to advance the work. Shari will be reaching out to both engage the community and ask for community volunteers to work on this initiative.

-Martin Miller announced that State Senator Cappelletti was successful in securing a grant for the township to acquire an electric vehicle for township law enforcement. This is part of the township effort to slowly move towards more electric vehicles.

-We want to thank the community for participating in the battery recycling program. It has been very successful and other communities are asking about how they can implement a recycling program as well.

-Richard Cole is preparing an article for spring newsletter about the opportunities for residents to take advantage of the Inflation Reduction Act by revitalizing America's energy systems and efficiencies.

-Meeting adjourned at 7:50 pm

-Next meeting March 6 at 7:00 pm

Sue Devenny – Chair
Donna Suevo
Richard Cole
Shari Donath
Barb Pollarine
EAC@wntwp.com



Agenda

March 6, 2024

7:00 p.m. West Norriton Township Building

1. Meet with Bill Sabey from RF 100 (30 minutes)
2. Approve February minutes
3. Bird Town – next steps
4. Upper Dublin 3rd Annual Environmental open house on March 9th. Who plans to attend?
5. Report back from the [2024 EAC Network Virtual Conference](#)
6. Next meeting – Wednesday, April 3rd at 7:00 PM

Sue Devenny – Chair
Donna Suevo
Richard Cole
Shari Donath
Barb Pollarine
EAC@wntwp.com



Agenda

April 3, 2024

7:00 p.m. West Norriton Township Building

1. Approve March minutes.
2. Earth Day ideas?
3. Re-cap of meeting with Bill from RF 100
 - What are our priorities?
 - What ideas can we bring to the Planning Commission?
4. Pollinator Garden – Maintenance and next steps.
5. Bird Town – next steps
6. Discuss Upper Dublin 3rd Annual Environmental open house.
7. West Norriton Day, May 18th from 5-8:30, can anyone volunteer?
8. Next meeting – Wednesday, May 5th do we want to scout locations for Bird Town Projects?



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

West Norriton Township Stormwater Reduction Statistics Package

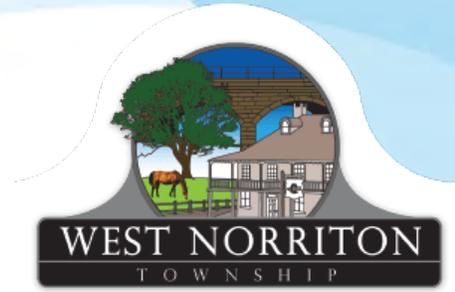
The chart below shows the statistics for your municipality during the 2024 membership year:

Conservation Project	Site(s)	Number Municipal Volunteers	Municipal Volunteer Hours	Amount
Tree Plantings	0	0	0	0 trees planted
Stream Clean-up	1	16	48	21 bags of trash removed
Water Chestnut Removal	0	0	0	0 bags of EWC removed
Rain Garden Installations	0	0	0	0 perennials planted
Rain Barrel/Rain Garden Workshops	0	0	0	0 rain barrels made
TOTALS	1	16	48	21

The chart below shows the statistics for the entire Perkiomen Watershed during the 2024 membership year:

Conservation Project	Site(s)	Total Number of Volunteers	Total Volunteer Hours	Total Amount
Tree Plantings	11	200	800	660 trees planted
Stream Clean-up	163	1,806	5,418	1,733 bags of trash removed
Water Chestnut Removal	1	50	1,600	172 bags of EWC removed
Rain Garden Installations	2	100	300	3,000 native perennials planted
Rain Barrel/Rain Garden Workshops	9	135	135	75 rain barrels made
TOTALS	186	2,291	8,253	5,640

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



APPENDIX C

MCM#3 ILLICIT DISCHARGE DETECTION & ELIMINATION

- Dry Weather Priority Outfall Field Screening Memo & Summary Table
- Dry Weather Priority Outfall Field Screening Reports
- Potential Illicit Discharge Observation Memo & Lab Testing Results
- Illicit Discharge Violation Letter
- Illicit Discharge General Inspection Report DEP Form

LEADING THE NATION WITH CLEAN WATER SOLUTIONS

MEMORANDUM

To: Jason Bobst, Township Manager West Norriton Township, PA

From: Beth Uhler, Center for Watershed Protection, Inc. (CWP)

Date: June 20, 2024

Re: Findings from 2024 Dry Weather Outfall Field Screening Surveys (MCM#3)

The Center for Watershed Protection (CWP) in conjunction with Kevin Michener from West Norriton Township, PA conducted dry weather outfall field screening for the 14 previously identified outfalls that drain priority areas on April 17, 2024. Dry weather outfall field screening for these outfalls should be performed annually.

Background

The purpose of the dry weather outfall field screening is to identify and report any potential illicit discharges from the municipal separate storm sewer system (MS4) that may discharge into local waterways. Another purpose is to train West Norriton Township staff to conduct the dry weather outfall field screening. A classroom training will occur in fall 2024 as a follow-up to the dry weather outfall field screening. During the dry weather outfall field screening, if any potential or actual illicit discharges are identified, subsequent investigation would be recommended. This field work was conducted 48 hours after a runoff producing rain event to ensure any flow from an outfall isn't from stormwater runoff. The dry weather outfall field screening is part of MS4 Minimum Control Measure (MCM) #3: Illicit Discharge Detection and Elimination requirement. At each priority outfall information was collected in a digital version of the PA DEP MS4 Outfall Field Screening Report using the ArcGIS Survey123 application.

Results

No illicit discharges were noted based on the outfall field screening results. Nine of the 14 outfalls had dry weather flow (trickle or moderate flow) and were field tested on-site for water quality parameters. Water quality parameters tested included pH and ammonia with the results indicating no water quality concerns. The water quality parameters were tested using pH indicator strips and ammonia nitrogen test strips. The pH at outfalls was consistently between 6-7 which is neutral. Two locations, #44 and #59, were indicated as having flow but are box culverts with the waterway flowing through them. Outfalls #83 and #84 are both halfway filled with sediment and directly discharge to the Schuylkill River. The individual dry weather outfall field screening reports and a summary table of the field findings for each priority area outfall is enclosed.

Enclosures:

West Norriton Township 2024 Priority Area Outfall Dry Weather Outfall Field Screening Summary Table
Dry Weather Outfall Field Screening Reports

West Norriton Township 2024 Priority Area Outfall Dry Weather Outfall Field Screening Summary Table

Outfall Number	Type	Pipe Type	Shape	Pipe Diameter (in)	Flow Present?	Illicit Discharge Determination	Drain Priority Area	2024 Dry Weather Field Screening Notes
18	Outfall	RCP	Circular	48	No	Unlikely	Yes	
22	Outfall	RCP	Circular	36	Yes	Unlikely	Yes	
28	Outfall	RCP	Circular	36	Yes	Unlikely	Yes	
44	Outfall	Concrete	Swale	NA	Yes	Unlikely	Yes	Pipe partially submerged in water
50	Outfall	RCP	Circular	36	Yes	Unlikely	Yes	
54	Outfall	Steel	Circular	36	No	Unlikely	Yes	
57	Outfall	HDPE	Circular	30	No	Unlikely	Yes	Pipe partially filled with sediment
58	Outfall	RCP	Circular	48	Yes	Unlikely	Yes	
59	Outfall	RCP	Rectangle (Culvert)	NA	Yes	Unlikely	Yes	Pipe fully submerged in water
64	Outfall	CMP	Circular	24	Yes	Unlikely	Yes	
68	Outfall	Steel	Circular	36	Yes	Unlikely	Yes	
82	Outfall	RCP	Circular	48	Yes	Unlikely	Yes	
83	Outfall	RCP	Circular	24	No	Unlikely	Yes	Pipe partially filled with sediment
84	Outfall	RCP	Circular	24	No	Unlikely	Yes	Pipe partially filled with sediment

DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 05/01/2024	Time Inspected: 13:02
Outfall Number: 64	Outfall/Observation Point: Outfall
Lat/Long: -75.389048, 40.128052	Inspector(s): Kevin Michener
Subwatershed: Mingo Creek-Schuylkill River	Contributing Drainage Area Land Use: Suburban Residential
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: 1

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	CMP	Circular	24	In water: No
				With sediment: No
In-stream? Yes				
Flow present? Yes				
Flow description (if present): Moderate				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH	6	pH Units	Test strip/Probe
Ammonia	0.25	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		



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:

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:

RESPONSIBLE OFFICIAL CERTIFICATION	
<p>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).</p>	
Responsible Official Name <i>M. Valyo</i>	Signature <i>[Signature]</i>
Telephone Number <i>610.631.0450</i>	Date <i>5/3/24</i>



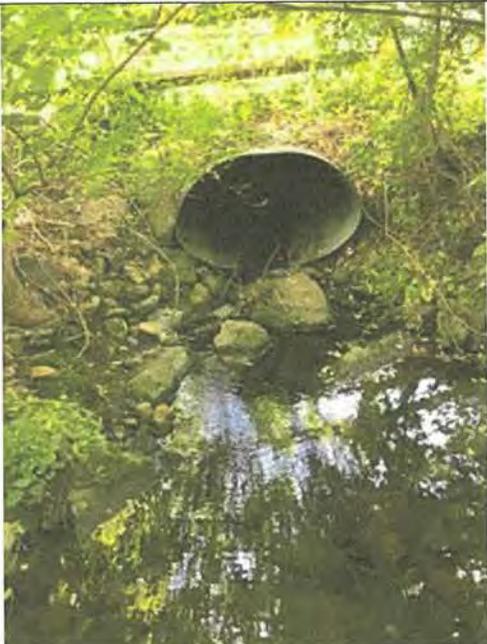
Photo No. 1	Dry Weather Outfall Field Screening	05/01/2024
		

Photo No. 2	Dry Weather Outfall Field Screening	05/01/2024
		



DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 05/24/2024	Time Inspected: 11:28
Outfall Number: 59	Outfall/Observation Point: Outfall
Lat/Long: -75.373797, 40.144477	Inspector(s): Kevin Michener
Subwatershed:	Contributing Drainage Area Land Use: Suburban Residential, Open Space
Date of Previous Precipitation: 05/18/2024	Amount of Previous Precipitation: .5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input checked="" type="checkbox"/> Open <input type="checkbox"/> Closed	concrete			In water: fully With sediment: No
In-stream? Yes				
Flow present? Yes				
Flow description (if present): Substantial				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH	6	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		



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?	No
6. If yes, collected from:	N/A
7. Intermittent flow trap set?	
8. Flow trap type:	

Any non-illicit discharge concerns?

No

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION	
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Responsible Official Name <i>M. Valyo</i>	Signature <i>[Signature]</i>
Telephone Number <i>610-631-0450</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	05/24/2024
		

Photo No. 2	Dry Weather Outfall Field Screening	05/24/2024
		



DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 09:57
Outfall Number: 84	Outfall/Observation Point: Outfall
Lat/Long: -75.40713, 40.112697	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Mingo Creek-Schuylkill River	Contributing Drainage Area Land Use: Suburban Residential
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: 0.5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	RCP	Circular	24	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		



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?

Outfall is 1/10 full of mud.

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION	
<p>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).</p>	
Responsible Official Name <i>M. Valyo</i>	Signature <i>[Handwritten Signature]</i>
Telephone Number <i>610-631-0450</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	04/18/2024
		

Photo No. 2	Dry Weather Outfall Field Screening	04/18/2024
		



Photo No.
3

Dry Weather Outfall Field Screening

04/18/2024



DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 10:25
Outfall Number: 83	Outfall/Observation Point: Outfall
Lat/Long: -75.412632, 40.110348	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Mingo Creek-Schuylkill River	Contributing Drainage Area Land Use: Open Space
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: .50

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	RCP	Circular	24	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		



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	Oil
Abnormal Vegetation	
Poor pool quality	

Overall outfall characterization for an illicit discharge: Unlikely

Data Collection

13. Sample for the lab?	No
14. If yes, collected from:	N/A
15. Intermittent flow trap set?	
16. Flow trap type:	

Any non-illicit discharge concerns?

Some standing water with slight oil coloration in a couple small areas

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).

Responsible Official Name <i>M. Valyo</i>	Signature <i>[Signature]</i>
Telephone Number <i>610-631-0450</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	04/18/2024
		

Photo No. 2	Dry Weather Outfall Field Screening	04/18/2024
		



DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 10:42
Outfall Number: 82	Outfall/Observation Point: Outfall
Lat/Long: -75.415471, 40.109341	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Schuylkill river	Contributing Drainage Area Land Use: Open Space
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: .5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	RCP	Circular	48	In water: No
				With sediment: No
In-stream? No				
Flow present? Yes				
Flow description (if present): Moderate				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH	6	pH Units	Test strip/Probe
Ammonia	.25	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		



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:

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?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION	
<p>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).</p>	
Responsible Official Name <i>M. VALYO</i>	Signature <i>[Signature]</i>
Telephone Number <i>610-631-0450</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	04/18/2024
		

Photo No. 2	Dry Weather Outfall Field Screening	04/18/2024
		



DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 14:07
Outfall Number: 50	Outfall/Observation Point: Outfall
Lat/Long: -75.38072, 40.121592	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Mingo Creek-Schuylkill River	Contributing Drainage Area Land Use: Suburban Residential
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: .5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	RCP	Circular	36	In water: No
				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			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		



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:

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?

No

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).

Responsible Official Name <i>M. V. Alyo</i>	Signature <i>[Signature]</i>
Telephone Number <i>610-631-0450</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	04/18/2024
		

Photo No. 2	Dry Weather Outfall Field Screening	04/18/2024
		

DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 13:51
Outfall Number: 28	Outfall/Observation Point: Outfall
Lat/Long: -75.366704, 40.124424	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Mingo Creek-Schuylkill River	Contributing Drainage Area Land Use: Suburban Residential
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: .5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	RCP	Circular	36	In water: No
				With sediment: No
In-stream? Yes				
Flow present? Yes				
Flow description (if present): Moderate				

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		



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:

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?

No

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).

Responsible Official Name <i>M. VALYO</i>	Signature <i>[Signature]</i>
Telephone Number <i>610.631.0250</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	04/18/2024
		

Photo No. 2	Dry Weather Outfall Field Screening	04/18/2024
		



DRY WEATHER OUTFALL FIELD SCREENING
West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 13:31
Outfall Number: 22	Outfall/Observation Point: Outfall
Lat/Long: -75.362919, 40.143044	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Stony Creek	Contributing Drainage Area Land Use: Suburban Residential
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: .5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	RCP	Circular	36	In water: No
				With sediment: No
In-stream? No				
Flow present? Yes				
Flow description (if present): Moderate				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH	6	pH Units	Test strip/Probe
Ammonia	.25	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		



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:

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?

No

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION	
<p>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).</p>	
Responsible Official Name <i>M. V. Alyo</i>	Signature <i>[Handwritten Signature]</i>
Telephone Number <i>610-631-0450</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	04/18/2024
		

Photo No. 2	Dry Weather Outfall Field Screening	04/18/2024
		



DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 13:10
Outfall Number: 58	Outfall/Observation Point: Outfall
Lat/Long: -75.37381, 40.144367	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Stony Creek	Contributing Drainage Area Land Use: Suburban Residential
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: .5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	RCP	Circular	48	In water: No With sediment: No
In-stream? No				
Flow present? Yes				
Flow description (if present): Moderate				

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		



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:

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?

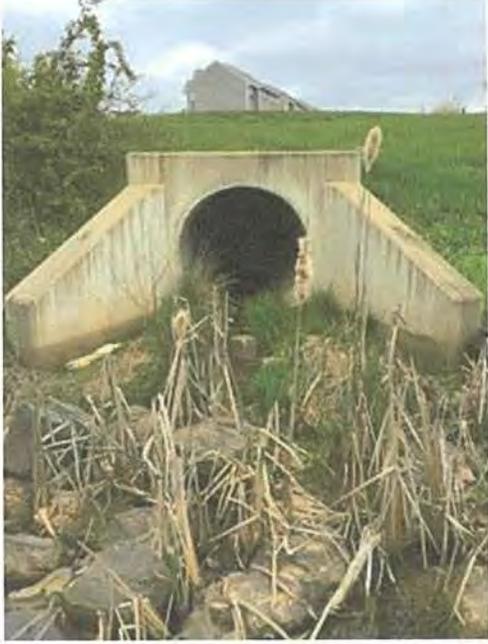
No, possibly some iron

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION	
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Responsible Official Name <i>M. V. Alyo</i>	Signature <i>[Handwritten Signature]</i>
Telephone Number <i>610.631.6450</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	04/18/2024
		

Photo No. 2	Dry Weather Outfall Field Screening	04/18/2024
		



DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 12:55
Outfall Number: 57	Outfall/Observation Point: Outfall
Lat/Long: -75.383461, 40.137046	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Mingo Creek-Schuylkill River	Contributing Drainage Area Land Use: Commercial
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: .5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	HDPE	Circular	30	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		



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:

Data Collection

37. Sample for the lab?	
38. If yes, collected from:	
39. Intermittent flow trap set?	
40. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION	
<p>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).</p>	
Responsible Official Name <i>M. Valyo</i>	Signature <i>[Handwritten Signature]</i>
Telephone Number <i>610-631-0450</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	04/18/2024
		

Photo No. 2	Dry Weather Outfall Field Screening	04/18/2024
		



DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 12:35
Outfall Number: 68	Outfall/Observation Point: Outfall
Lat/Long: -75.382795, 40.133755	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Mingo Creek-Schuylkill River	Contributing Drainage Area Land Use: Commercial, Other
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: .5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	Steel	Circular	36	In water: No
				With sediment: No
In-stream? Yes				
Flow present? Yes				
Flow description (if present): Moderate				

Quantitative Characterization (field data for flowing outfalls)

Parameter	Result	Unit	Equipment
Chlorine			Test Strip
pH	6	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		



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:

Data Collection

41. Sample for the lab?	
42. If yes, collected from:	
43. Intermittent flow trap set?	
44. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION	
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Responsible Official Name <i>M. Valyo</i>	Signature <i>[Signature]</i>
Telephone Number <i>610-631-0450</i>	Date <i>5/3/24</i>



**Photo No.
1**

Dry Weather Outfall Field Screening

04/18/2024



**Photo No.
2**

Dry Weather Outfall Field Screening

04/18/2024



DRY WEATHER OUTFALL FIELD SCREENING
West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 12:24
Outfall Number: 44	Outfall/Observation Point: Outfall
Lat/Long: -75.384546, 40.133202	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Mingo Creek-Schuylkill River	Contributing Drainage Area Land Use: Commercial
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: .5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input type="checkbox"/> Closed	Concrete	Swale		In water: Partially
				With sediment: No
In-stream? Yes				
Flow present? Yes				
Flow description (if present): Moderate				

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		



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:

Data Collection

45. Sample for the lab?	
46. If yes, collected from:	
47. Intermittent flow trap set?	
48. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION	
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Responsible Official Name <i>M. Valyo</i>	Signature <i>M. Valyo</i>
Telephone Number <i>610-631-0450</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	04/18/2024
		

Photo No. 2	Dry Weather Outfall Field Screening	04/18/2024
		



DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 12:12
Outfall Number: 18	Outfall/Observation Point: Outfall
Lat/Long: -75.386464, 40.130982	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Mingo Creek-Schuylkill River	Contributing Drainage Area Land Use: Other
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: .5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	RCP	Circular	48	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		



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:

Data Collection

49. Sample for the lab?	
50. If yes, collected from:	
51. Intermittent flow trap set?	
52. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION	
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Responsible Official Name <i>M. VALYO</i>	Signature <i>[Handwritten Signature]</i>
Telephone Number <i>610-631-0450</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	04/18/2024
		



DRY WEATHER OUTFALL FIELD SCREENING
 West Norriton Township | NPDES ID: PAG130006

Date: 04/18/2024	Time Inspected: 11:18
Outfall Number: 54	Outfall/Observation Point: Outfall
Lat/Long: -75.395715, 40.122262	Inspector(s): Julie Schneider and Kevin Michener
Subwatershed: Mingo Creek-Schuylkill River	Contributing Drainage Area Land Use: Industrial
Date of Previous Precipitation: 04/17/2024	Amount of Previous Precipitation: .5

Outfall Description

Pipe Type	Material	Shape	Dimensions (in.)	Submerged
<input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	Steel	Circular	36	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		



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:

Data Collection

53. Sample for the lab?	
54. If yes, collected from:	
55. Intermittent flow trap set?	
56. Flow trap type:	

Any non-illicit discharge concerns?

Notes:

RESPONSIBLE OFFICIAL CERTIFICATION	
<p>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).</p>	
Responsible Official Name <i>M. VALYO</i>	Signature <i>[Handwritten Signature]</i>
Telephone Number <i>670-631-0460</i>	Date <i>5/3/24</i>



Photo No. 1	Dry Weather Outfall Field Screening	04/18/2024
		



MEMORANDUM

To: Jason Bobst, West Norriton Township Manager

From: Beth Uhler, Center for Watershed Protection

Date: September 18, 2024

Re: Potential Illicit Discharge at Outfall #33 and Laboratory Test Results

The following was communicated with the Township during a series of emails from June 3, 2024 to June 10, 2024. This memorandum is intended to serve as summary documentation for the Township's Annual MS4 Status Report. During Post Construction Stormwater Management (PCSM) Best Management Practice (BMP) inspections conducted by the Center for Watershed Protection (CWP) on behalf of the Township on June 3, 2024, a foamy discharge was observed at the outfall of the Burnside Village Basin Retrofit (Outfall #33). The foam was not observed anywhere upstream (in the outlet structure, basin, etc.). Refer to Figure 1 for the location of the potential illicit discharge and Figure 2 for a photograph of the foam.



Figure 1 Location of the observed foam at Outfall #33.



Figure 2 White foam observed at Outfall #33.

There is a small pipe connected to the original basin outlet structure that had flow at the time of the site visit (Figure 3). This pipe is not shown in the Township infrastructure mapping. There is also a small manhole just upslope that is labeled "SEWER" that is also not mapped.



Figure 3 Small pipe entering original basin outlet structure.

Foamy discharge can be naturally occurring, but it is typically not bright white (usually off white or brown).

CWP recommended the following:

- 1) Sample the outfall in the vicinity of the discharge and send for laboratory testing for detergents (to determine whether it's soap or naturally occurring)
- 2) Investigate the small pipe using cctv to determine its source (to investigate whether this is the potential source of detergents)

Beth Uhler of CWP returned to the outfall for a follow-up investigation on June 5, 2024 where foam was still present. A sample was collected for laboratory testing.

Testing was performed by Suburban Testing Labs on June 10, 2024 and revealed that no detergents were present in the sample, confirming the foam is naturally occurring and not an illicit discharge. The laboratory test results are enclosed.

The results of this investigation should be reported in the Township's Annual MS4 Status Report. It is still recommended that the small pipe be investigated with cctv to determine the source and update the Township mapping accordingly.

If you have any questions or would like additional information, please contact me at beu@cwpcwp.org or 484-680-0806.

Enclosure:

Suburban Testing Labs Detergent Test Results

cc: Michael Valyo, West Norriton Township Public Works Director



Results Report

Order ID: 4F02156

Suburban Testing Labs Inc
1037F MacArthur Road
Reading, PA 19605

Project: Center For Water Shed Protection

Attn: Business

Regulatory ID:

Sample Number: 4F02156-01

Site: Sample 1

Sample ID: Stenger St.

Collector: BU

Collect Date: 06/05/2024 1:55 pm

Sample Type: Grab

Department / Test / Parameter	Result	Units	Method	MRL	MDL	DF	Prep Date	By	Analysis Date	By
-------------------------------	--------	-------	--------	-----	-----	----	-----------	----	---------------	----

Inorganics

MBAS (T)	< 0.10 X	mg/L	SM 5540C	0.10		1	06/05/24	MPL	06/05/24 21:28	MPL
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Data Qualifiers:

X MBAS, calculated as LAS, mol wt 348g/mol

Sample Receipt Conditions:

· Sample(s) received outside of the acceptable temperature limits for one or more analyses. Affected analyses are reported with the (T) qualifier.

The test *pH, Lab* is performed in the Laboratory as soon as possible. These results are not appropriate for compliance with NPDES, SDWA, or other regulatory programs that require analysis within 15 minutes of sample collection and should be considered for informational purposes only.

**pH, Final* for ASTM leachate is performed by method SM 4500-H-B.

All results meet the requirements of STL's NELAP Accredited Quality System unless otherwise noted. If your results contain any data qualifiers or comments, you should evaluate useability relative to your needs.

If collectors initials include "STL", samples have been collected in accordance with STL SOP SL0015.

All results reported on an As Received (Wet Weight) basis unless otherwise noted.

This laboratory report may not be reproduced, except in full, without the written approval of STL.

Results are considered Preliminary unless report is signed by authorized representative of STL.

Reviewed and Released By:

Rebecca Schweitzer
Associate Project Manager

Report Generated On: 06/10/2024 4:46 pm
STL_Results Revision #3.0

4F02156
Effective: 05/29/2024





January 19, 2024

NOTICE OF VIOLATION

Mr. Jeff Whitworth, Community Director
Riverview Landing Apartments
1776 Patriots Lane
Norristown, PA 19403

Re: Clean Water/Operations/Industrial Waste
Hydraulic Oil Discharge – January 18, 2024
Riverview Landing Apartments
Riverview Blvd & Patriots Ln
West Norriton Township
Montgomery County

Dear Mr. Whitworth:

On January 18, 2024, the Department of Environmental Protection (DEP) received notification from the local fire department and Montgomery County Fire Radio of an oil sheen in the Schuylkill River, waters of the Commonwealth. The source was tracked to the discharge point at Riverview Blvd & Patriots Ln to which oily water had been discharged via pump and hose through the asphalt lot from the base of an elevator shaft. DEP conducted an Emergency Response on January 18, 2024 and a follow-up incident inspection on January 19, 2024. This is to confirm the results of the DEP's response and inspection, which indicate the following violations:

An unpermitted discharge of hydraulic oil, an industrial waste, to waters of the Commonwealth, constitutes violations of Sections, 301, 307 and 402(b) of the Clean Streams Law, the Act of June 22, 1937, P.L. 1987, as amended, 35 P.S. §§ 691.1 - 691.1001 (Clean Streams Law). The failure to take necessary measures to prevent pollutants from reaching waters of the Commonwealth is a violation of 25 PA. Code § 91.34(a). Failure to provide immediate notification of an incident causing or threatening pollution of waters of the Commonwealth is a violation of 25 PA. Code § 91.33(a). Such violations also constitute unlawful conduct under Section 611 of the Clean Streams Law, 35 P.S. § 691.611, and are subject to the enforcement provisions of Section 605 of the Clean Streams Law, 35 P.S. § 691.605 which includes the assessment of civil penalties.

The DEP requests you submit a full report to this office within fifteen (15) days of the date of this letter of your own independent investigation describing the cause of the noncompliance and the steps being taken to prevent recurrence of the violation with a correction schedule.

This Notice of Violation is neither an order nor any other final action of DEP. It neither imposes nor waives any enforcement action available to DEP under any of its statutes. If DEP determines that an enforcement action is appropriate, you will be notified of the action.

If you have any questions, please call me at 484.250.5192.

Sincerely,

Andrew Sinclair

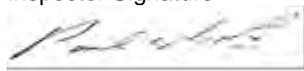
Andrew Sinclair
Water Quality Specialist Supervisor
Clean Water Program

cc: West Norriton Township
File


GENERAL INSPECTION REPORT (Non-NPDES)

Type of Inspection Incident follow up	ID Number N/A	County Montgomery	Municipality West Norriton Twp.
Name and Location of Facility or Pollution Incident Riverview Landing Apartments 1776 Patriots Lane, Norristown, PA 19403			Entry Time/Date 1045, 01/19/24
Name, Address of Responsible Party Mr. Jeff Whitworth Riverview Landing Apartments Same as above			Title Community Director
jeff@lisspropertygroup.com			Telephone 610.630.8800
			Contacted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
SUMMARY OF VIOLATIONS/RECOMMENDATION/COMMENTS:			
<p>Incident follow up inspection of a 1/18/24 release of hydraulic fluid from the facility to the Schuylkill River.</p> <p>Lewis will place more sorbent booms at the stormwater discharge point to the River to prevent sheening.</p> <p>The discharge of hydraulic oil, an industrial waste, to waters of the Commonwealth, constitutes violations of the Rules and Regulations of the Department and the PA Clean Streams Law. A notice of Violation will be sent to the facility.</p> <p>Ref: 2024_0119_CLW _West Norriton _Caller concerned about cleanup of 01182024 spill on Schuylkill</p>			
Compliance Assistance Provided <input type="checkbox"/>			
Pollution Prevention Activity <input type="checkbox"/>			
Sample No.	Location	Field Measurements and Observations	
Inspector Name Paul Jardel	Inspector Signature 	Title Water Quality Spec.	Date 01/19/24 Telephone 484.250.5137
Name of Person Interviewed Mr. Jeff Whitworth	Signature of Person Interviewed Emailed 1/19/24	Title Community Director	Date 01/19/24 Telephone 610.630.8800
<p>This document is official notification that a representative of the Department of Environmental Protection, inspected the above facility or site. The findings of this inspection are shown above and on any attached pages.</p> <p>Any violations which were uncovered during the inspection are indicated. Violations may also be discovered upon examination of the results of laboratory analyses of the discharge and review of Department records. Notification will be forthcoming, if such violations are noted.</p>			


GENERAL INSPECTION REPORT (Non-NPDES)

Name and Location of Facility or Pollution Incident Riverview Landing Apartments	County Montgomery	Municipality West Norriton Twp.
<p>This incident follow up inspection was done by WQS Paul Jardel with Riverview Landing Apartments Community Director Mr. Jeff Whitworth.</p> <p>On 1/18/24 the DEP was notified by the local FD of a sheen on the River at West Indian Lane. The sheen was tracked back to the apartment complex. At the time the facility was having work done on an elevator. During the operation accumulated water at the bottom of the shaft that had hydraulic oil on it was pumped to the outside of the building. Reportedly only a few quarts of oil may have have been involved. The water entered the stormwater system and was discharged to the nearby Schuylkill River at the end of Patriots Lane.</p> <p>The FD set sorbents at stormwater inlets and boomed the discharge point to the River. DEP ER Responders Stephan Brown and Ben Russell responded to the incident. Lewis Environmental was contracted by the responsible party. They cleaned two impacted stormwater inlets and applied sorbent to the impacted surfaces.</p> <p>On the morning of inspection downstream residents contacted the DEP to state that sheening was still taking place on the River.</p> <p>At the time of inspection app 10-15 gpm of water was discharging from the stormwater pipe at Patriots Lane into the River. A moderate sheen was observed discharging from the pipe and bypassing the boom set on 1/18 by the FD. It was requested that Mr. Whitworth contact a contractor to have the discharge area boomed and possibly the pipe flushed to remove any remaining residual contamination.</p> <p>Pete Whitton of Lewis Environmental was contacted. He stated that they would set protective booms at the discharge point and reevaluate the site after the weekend. This plan was acceptable since the sheen discharge had dissipated somewhat since the beginning of the inspection. It is speculated that snow melt may have mobilized residual contamination from surfaces and the stormwater pipe.</p> <p>Areas downstream of the discharge point were surveyed. The Riverbank at the downstream border of the complex was visibly clear of contamination. The River at 80 West Indian Lane had isolated scattered spots of sheen observed. A resident stated that the sheen was continuous on 1/18/23 but hardly noticeable at the time of inspection.</p> <p>The incident site will be reevaluated on 1/22/24.</p> <p>The discharge of hydraulic oil, an industrial waste, to waters of the Commonwealth, constitutes violations of Sections, 301, 307 and 402(b) of the Clean Streams Law, the Act of June 22, 1937, P.L. 1987, as amended, 35 P.S. §§ 691.1 - 691.1001 (Clean Streams Law). The failure to take necessary measures to prevent pollutants from reaching waters of the Commonwealth is a violation of 25 PA. Code § 91.34(a). Failure to provide immediate notification of an incident causing or threatening pollution of waters of the Commonwealth is a violation of 25 PA. Code § 91.33(a).</p>		
Inspector Name Paul Jardel	Inspector Signature 	Date 01/19/24

GENERAL INSPECTION REPORT (Non-NPDES)

Name and Location of Facility or Pollution Incident Riverview Landing Apartments	County Montgomery	Municipality West Norriton Twp.
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Residual oil on Patriots Lane looking towards the River



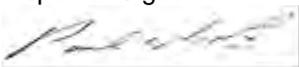
Sheen discharging into the River



Downstream isolated spots of sheen



Dissipated sheen at the discharge point

Inspector Name Paul Jardel	Inspector Signature 	Date 01/19/24
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**MUNICIPAL SEPERATE STORM SEWER SYSTEM
ANNUAL MS4 STATUS REPORT**



APPENDIX D

**MCM #5
POST CONSTRUCTION
STORMWATER MANAGEMENT**

- 2024 West Norriton Township PCSM BMP Inventory
- PCSM BMP Location Map
- 2024 PCSM BMP Inspection Memo
- West Norriton Township PCSM BMP Reports

West Norriton Township 2024 PCSM BMP Inventory

BMP #	BMP Type	BMP Address	Site Name	Responsible Entity	Date of Last Inspection	2024 Compliance Status
1	Underground Detention Facility	2112 W. Main St	West Norriton Self Storage	Public Storage, Inc.	6/21/23	In-Compliance
2*	Detention Basin	Wagon Wheel Rd	Oakland Farms	West Norriton Township	6/03/24	Maint. Needed
3A	Detention Basin	2530 Stinson Ln	Church of Jesus Christ of Latter-Day Saint	Church of Jesus Christ of Latter-Day Saints	6/06/23	In-Compliance
3B	Snout	2530 Stinson Ln	Church of Jesus Christ of Latter-Day Saint	Church of Jesus Christ of Latter-Day Saints	6/06/23	In-Compliance
4A1	Rain Garden	1911 W. Marshall St	Jubilee Presbyterian Church	Jubilee Presbyterian Church	6/06/23	In-Compliance
4A2	Rain Garden	1911 W. Marshall St	Jubilee Presbyterian Church	Jubilee Presbyterian Church	6/06/23	In-Compliance
4A3	Rain Garden	1911 W. Marshall St	Jubilee Presbyterian Church	Jubilee Presbyterian Church	6/06/23	In-Compliance
4B1	Infiltration Trench	1911 W. Marshall St	Jubilee Presbyterian Church	Jubilee Presbyterian Church	6/06/23	In-Compliance
4B2	Infiltration Trench	1911 W. Marshall St	Jubilee Presbyterian Church	Jubilee Presbyterian Church	6/06/23	In-Compliance
4C	Porous Paving	2530 Stinson Ln	Jubilee Presbyterian Church	Jubilee Presbyterian Church	6/06/23	In-Compliance
6	Detention Basin	101 Fairway Ln	Fairways at Green Meadows	Fairways Residential LP	6/06/23	In-Compliance
7	Detention Basin	2 Liberty Av	Mobile Lifts, Inc.	Liberty 2 LLC	7/05/23	In-Compliance
8	Underground Basin	431 Burnside Av	Mikelen, LLC.	Roderick Williams	6/06/23	In-Compliance
9	Detention Basin	48 S. Trooper Rd	Yocum Roofing	Frank Yocum	6/06/23	In-Compliance
10	Detention Basin	1525 W. Marshall St	Marshall Street Elementary School	West Norriton School Authority	7/05/23	In-Compliance
11A	Detention Basin	900 S. Trooper Rd	St. Sophia's Church	St Sophia Greek Orthodox Church	6/06/23	In-Compliance
11B1	Bioretention Area	900 S. Trooper Rd	St. Sophia's Church	St Sophia Greek Orthodox Church	6/06/23	In-Compliance
11B2	Bioretention Area	900 S. Trooper Rd	St. Sophia's Church	St Sophia Greek Orthodox Church	6/06/23	In-Compliance
13	Infiltration Trench	2575 Industry Ln	Transply Inc.	Ray Gross	7/05/23	In-Compliance
14	Detention Basin	2544 W. Main St	Wawa	Wawa, Inc.	6/03/24	Not in-compliance
15	Seepage Bed	519 Port Indian Rd	Durante Property	George Chad Springer	7/05/23	In-compliance
16	Underground Stone Infiltration Pit	139 Clemes Cir	Chestnut Woods- Lot 1	Jaylene Penrod	6/03/24	Not in-compliance
17	Underground Stone Infiltration Pit	137 Clemes Cir	Chestnut Woods- Lot 2	Joseph Logue	6/06/23	In-Compliance
18	Underground Stone Infiltration Pit	135 Clemes Cir	Chestnut Woods- Lot 3	Mary Howard	6/06/23	In-Compliance
19	Seepage Bed	455 Burnside Av	455 Burnside Avenue	John and Karen Couchara	6/06/23	In-Compliance
21	Detention Basin	Sterigere St	State Police Dispatch Center	Commonwealth of Pennsylvania	6/06/23	In-Compliance
22	Seepage Pit	51 S. Montgomery Ave	Cook Subdivision	Matthew and Eileen Cook	7/05/23	In-Compliance
23A	Underground Detention Facility	416 & 432 Egypt Rd	Valley Forge Marketplace	Delval Properties Associates	6/06/23	In-Compliance
23B	Seepage Bed	416 & 432 Egypt Rd	Valley Forge Marketplace	Delval Properties Associates	6/06/23	In-Compliance
24**	Basin Retrofit	2001 Sterigere St		West Norriton Township	6/03/24	In-compliance
25**	Stream Restorations	2400 W. Main St	Jeffersonville Golf Club Holes 2, 15, 17/18	West Norriton Township	6/03/24	Maint. Needed
26**	Dry Extended Detention Basin	Alexander Dr & Burnside Blvd	Alexander Drive Basin Retrofit	West Norriton Township	6/03/24	Maint. Needed
27**	Detention Basin	2421 Boulevard of the Generals	Blue Dove Basin Retrofit	West Norriton Township	7/05/23	In-Compliance

For Operation & Maintenance Requirements, refer to the PA Stormwater BMP Manual

*Not a PCSM BMP (pre-2003) -inspected to ensure proper O&M of the Township-owned BMPs

**PRP BMP – inspected to ensure proper O&M of the Township's BMPs

**West Norriton Township
Post Construction Stormwater
Management
Best Management Practices**

Date Exported: 7/25/2024

★ PCSM BMPs

▭ Township Boundary

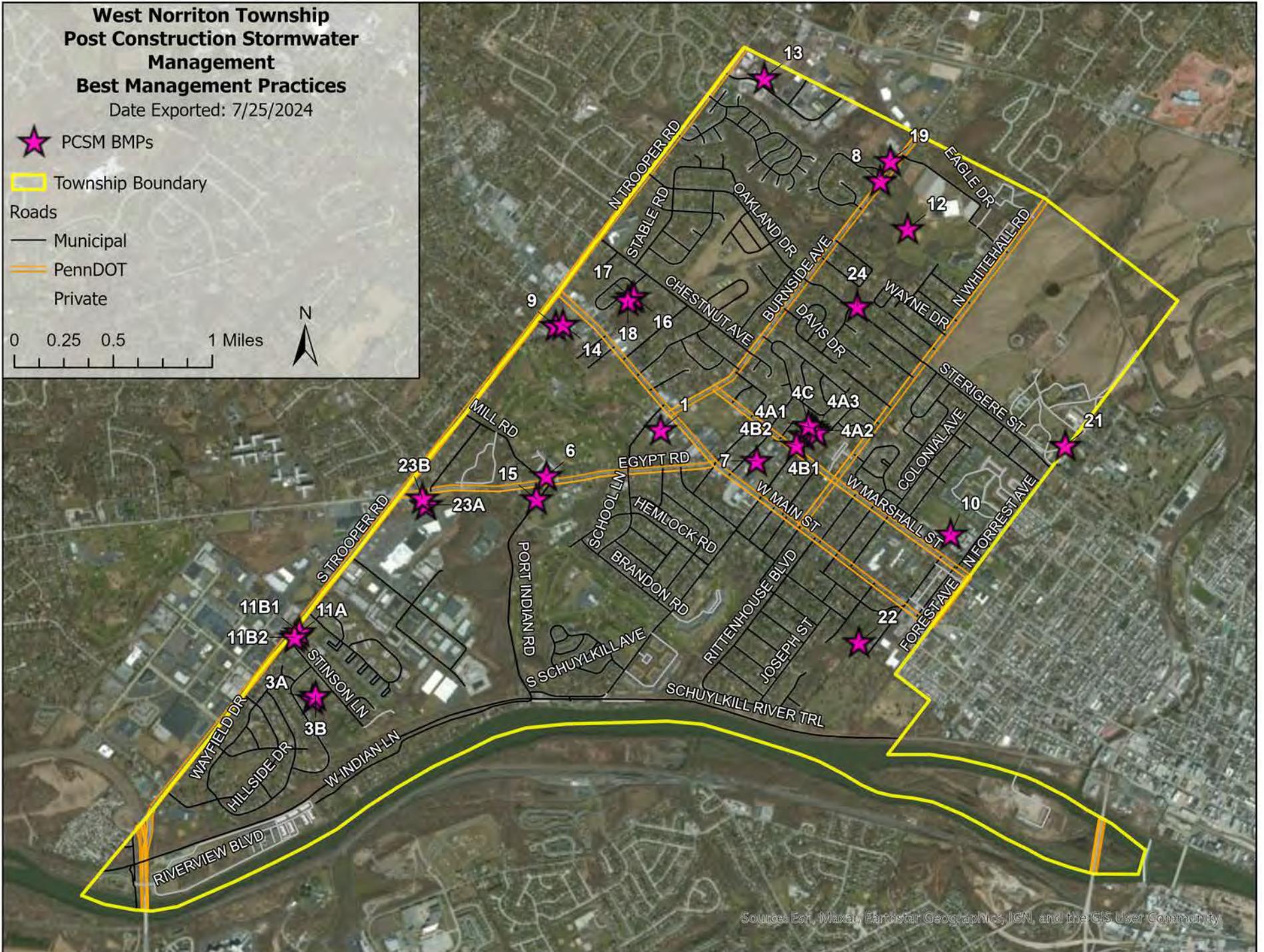
Roads

— Municipal

— PennDOT

— Private

0 0.25 0.5 1 Miles



Source: Esri, Maxar, Earthstar Geographics, IGN, and the GIS User Community

MEMORANDUM

To: Jason Bobst, West Norriton Township

From: Beth Uhler, Center for Watershed Protection (CWP)

Date: July 11, 2024

Re: 2024 Post Construction Stormwater Management (PCSM) Best Management Practice (BMP) Inspections

INTRODUCTION

The Center for Watershed Protection (CWP) conducted inspections of BMPs from the PCSM BMP inventory with outstanding violations from the 2023 inspections conducted by CEDARVILLE Engineering Group, LLC. At a minimum, inspections of these BMPs must be conducted once per year for five years, then once every three years thereafter per the Township Stormwater Management Ordinance and National Pollutant Discharge Elimination System (NPDES) Municipal Separate Storm Sewer System (MS4) permit requirements. CWP also conducted inspections of BMPs that were implemented to meet the Township's MS4 Pollutant Reduction Plan requirements. BMPs inspected are listed in Tables 1.0 and 2.0.

This memorandum provides a summary of the findings and recommendations from the inspections.

FINDINGS

Two privately-owned BMPs and four Township-owned PRP BMPs (two of which are also listed on the Township PCSM BMP inventory) were inspected. The results are summarized in Tables 1.0 and 2.0.

Table 1.0- Privately-owned PCSM BMPs Inspected

BMP Number	BMP Type	Address	Owner	Notes	In Compliance?
BMP #14	Detention Basin	2254 West Main St	Wawa, Inc.	Excessive trash/debris/sediment clogging inlets and outlet structure. Excessive vegetation within basin and around inlets and outlet structure causing clogging.	No
BMP #16	Underground Infiltration Pit	139 Clemons Circle	Jason C. & Zabrina Zitter	Cleanout cap on pipe is on too tightly to gain access and look inside. Bring tools for cap removal at next inspection and recommend to replace cap with more removable solution.	N/A

Table 2.0- West Norriton Township PRP BMPs Inspected

BMP No.	BMP Type	Address	Owner	Notes	Maintenance Items Needed?
PRP BMP	Dry Extended Detention	Alexander Drive	West Norriton Township	Outlet structure orifice clogged with sediment, debris, and vegetation; this should be cleaned out. A mix of native plantings and invasives such as cattails were observed within the basin. Some cattails have been removed at inlets and were lying in place at the time of the inspection. Cattails removed should be disposed off properly.	Yes
PRP BMP (BMP #2)	Detention Basin	Wagon Wheel Rd	West Norriton Township	Excessive vegetation growth around inlets and outlet structure to be removed. One of the inflow pipes appears to be has undermining erosion to be monitored.	Yes
PRP BMP (BMP #24)	Basin Retrofit	2001 Sterigere St	West Norriton Township	Flow present in outlet structure and foam was observed at outfall. Follow-up laboratory testing resulted in no detergents present. Foam is assumed to be naturally occurring.	No
PRP BMP	Stream Restoration	2400 W. Main St	West Norriton Township	The average 35-foot riparian buffer needs to be maintained with native plantings per the approved plans. Monitor areas of erosion within stream channel and address if it is determined accelerated erosion is occurring.	Yes

CONCLUSIONS AND RECOMMENDATIONS

The Township should send violation letters or letters of non-compliance to the responsible parties privately-owned BMPs (drafts enclosed) and address the maintenance items noted for the Township-owned BMPs.

Please contact Beth Uhler, Center for Watershed Protection, at beu@cwpc.org or 484-680-0806 with any questions.

Enclosures:

PCSM BMP Inspection Reports
 Draft Violation Letters for Privately-owned BMPS

BMP #: 14	BMP Type: Detention Basin
BMP Address:	Date: 06/03/2024



**WEST NORRITON TOWNSHIP
POST CONSTRUCTION STORMWATER MANAGEMENT INSPECTION REPORT**

BMP #:	14	Site Name:	X
BMP Type:	Detention Basin	Temperature:	80, Cloudy
		Weather:	
NPDES Permit #:	--	Date:	06/03/2024
Year Constructed:		Rainfall within 72 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PCSM BMP Plan Reference:	X	Structural/Non-Structural:	<input checked="" type="checkbox"/> Structural <input type="checkbox"/> Non-Structural

Responsible Party(s):	Wawa Inc.	Responsible Party Address:	260 W. Baltimore Pike
Responsible Party(s):	X	BMP Address:	

Inspector:	Paige Buzard	Inspector Signature:	
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Inspection Type: Routine Follow-Up Post Rain Event Complaint

Site Observations

BMP Component	Violations Observed					
Contributing Drainage Area	<input type="checkbox"/> Excessive trash/debris	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Other:		
<input checked="" type="checkbox"/> No violations present at the time of inspection	Photo No. Comments: Trash present but not excessive					
Pretreatment: Inlets, Forebays & Inflow	<input checked="" type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input checked="" type="checkbox"/> Evidence of clogging	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Evidence of ponding, odors, water stains, floating aquatic	<input type="checkbox"/> Structural deterioration of inlets, outfalls or pretreatment overflow weirs into facility	<input type="checkbox"/> Maintenance access in need of repair
<input type="checkbox"/> No violations present at the time of inspection	<input type="checkbox"/> Gutters, downspouts and inflow devices	<input type="checkbox"/> Screens, first flush diverters or vents blocked	<input checked="" type="checkbox"/> Other: Vegetation			
Photo No. 2, 3, 5, 6	Comments: Debris buildup and trash at inlet, excessive vegetation growth clogging inlets					

BMP #: 14	BMP Type: Detention Basin
BMP Address:	Date: 06/03/2024



BMP Component	Violations Observed					
Berm/Embankment	<input type="checkbox"/> Overgrown/unmaintained vegetation	<input type="checkbox"/> Exposed or bare soil/vegetation	<input type="checkbox"/> Woody vegetation threatening structure	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Cracking or seeping	<input type="checkbox"/> Evidence of animal burrows
<input checked="" type="checkbox"/> No violations present at the time of inspection	<input type="checkbox"/> Other:					
Photo No. 4	Comments:					
Outlet	<input type="checkbox"/> Evidence of accelerated erosion	<input checked="" type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Structural components in need of repair	<input type="checkbox"/> Hydraulic control components in need of repair	<input checked="" type="checkbox"/> Other: Excessive vegetation growth causing clogging	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No. 3	Comments: Outlet orifice blocked by debris and clogged with excessive vegetation roots					
Overflows or Emergency Spillways	<input type="checkbox"/> Evidence of accelerated erosion or instability	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Other:		
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Bio-Filter Media	<input type="checkbox"/> Filter is blocked/clogged	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Stone Bed/Underdrain	<input type="checkbox"/> Perforated pipe is not functioning as designed	<input type="checkbox"/> Not dewatering per design	<input type="checkbox"/> Evidence of blockage/ clogging	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Vegetation	<input type="checkbox"/> Vegetation is dying or dead	<input checked="" type="checkbox"/> Mowing requirements not being followed/vegetation unmaintained	<input type="checkbox"/> Plant composition inconsistent	<input type="checkbox"/> Exposed/bare soil	<input checked="" type="checkbox"/> Other: Excessive vegetation at inlets/outlets, basin overgrown with invasive cattails	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No. 2, 3, 5, 6, 7	Comments: Basin over run with cattails and other invasive species causing clogging at inlets and outlet					
Insects & Rodents	<input type="checkbox"/> Insects and rodents presence impacting functionality of BMP	<input type="checkbox"/> Other:				
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Spill Prevention	<input type="checkbox"/> Hazardous/toxic substances are located or used near BMPs	<input type="checkbox"/> Other:				
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					

BMP Component	Violations Observed	
Access	<input type="checkbox"/> BMP not accessible or blocked	<input type="checkbox"/> Other:
<input checked="" type="checkbox"/> No violations present at the time of inspection		

BMP #: 14	BMP Type: Detention Basin
BMP Address:	Date: 06/03/2024



Photo No.	Comments:			
Overall	<input checked="" type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Evidence of oil/chemical presence	<input type="checkbox"/> Other
Photo No. 4, 7, 8	Comments:			

Is the BMP in Compliance? Yes No

Notable Correspondence and Recent Actions:

Remarks:
Excessive vegetation should be removed from basin and from inlet and outlet orifices. Basin is inundated with excessive vegetation (cattails).

Refer to the following pages for photographs and violation descriptions.

BMP #: 14	BMP Type: Detention Basin
BMP Address:	Date: 06/03/2024



BMP #: 14		BMP Type: Detention Basin	BMP Address: 2544 W. Main Street
Photo No. 1	Date: 06/03/2024	Date:	
Description			
View over inlet to basin, excessive vegetation-cattails.			
Violation Type (if applicable):			
Photo No. 2	Date: 06/03/2024	Date:	
Description			
View of inlet, concrete headwall with excessive vegetation- cattails.			
Violation Type (if applicable):			

BMP #: 14	BMP Type: Detention Basin
BMP Address:	Date: 06/03/2024



BMP #: 14	BMP Type: Detention Basin	BMP Address: 2544 W. Main Street
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Photo No. 3	Date: 06/03/2024
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Date:

Description

Excessive vegetation & sediment buildup at outlet. View of inlet orifice.



Violation Type (if applicable):

Photo No. 4	Date: 06/03/2024
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Description

Looking towards dumpster area, mowed side slopes, cattails in basin.

Violation Type (if applicable):

BMP #: 14	BMP Type: Detention Basin
BMP Address:	Date: 06/03/2024



BMP #: 14		BMP Type: Detention Basin	BMP Address: 2544 W. Main Street
Photo No. 5	Date: 06/03/2024	Date:	
Description			
Inflow pipe			
Violation Type (if applicable):			
Photo No. 6	Date: 06/03/2024	Date:	
Description			
Inflow orifice with sediment, trash, and excessive vegetation- cattails.			
Violation Type (if applicable): Vegetation, sediment and trash			

BMP #: 14	BMP Type: Detention Basin
BMP Address:	Date: 06/03/2024



BMP #: 14		BMP Type: Detention Basin	BMP Address: 2544 W. Main Street
Photo No. 7	Date: 06/03/2024	Date:	
Description			
Outlet orifice clogged with roots and debris.			
Violation Type (if applicable): Low flow orifice clogged			
Photo No. 8	Date: 06/03/2024	Date:	
Description			
Outlet structure, presence of excessive vegetation- cattails.			
Violation Type (if applicable):			

BMP #: 16	BMP Type: Underground infiltration pit
BMP Address: 139 Clemons Cir	Date: 06/03/2024



**WEST NORRITON TOWNSHIP
POST CONSTRUCTION STORMWATER MANAGEMENT INSPECTION REPORT**

BMP #:	16	Site Name:	X
BMP Type:	Underground infiltration pit	Temperature:	80, Sunny
		Weather:	
NPDES Permit #:	-	Date:	06/03/2024
Year Constructed:		Rainfall within 72 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PCSM BMP Plan Reference:	X	Structural/Non-Structural:	<input checked="" type="checkbox"/> Structural <input type="checkbox"/> Non-Structural

Responsible Party(s):	Jason C. & Zabrina Zitter	Responsible Party Address:	139 Clemens Circ, Jeffersonville
Responsible Party(s):	X	BMP Address:	139 Clemons Cir

Inspector:	Paige Buzard	Inspector Signature:	
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Inspection Type: Routine Follow-Up Post Rain Event Complaint

Site Observations

BMP Component	Violations Observed					
Contributing Drainage Area	<input type="checkbox"/> Excessive trash/debris	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Other:		
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Pretreatment: Inlets, Forebays & Inflow	<input type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input type="checkbox"/> Evidence of clogging	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Evidence of ponding, odors, water stains, floating aquatic	<input type="checkbox"/> Structural deterioration of inlets, outfalls or pretreatment overflow weirs into facility	<input type="checkbox"/> Maintenance access in need of repair
<input type="checkbox"/> No violations present at the time of inspection	<input checked="" type="checkbox"/> Gutters, downspouts and inflow devices	<input type="checkbox"/> Screens, first flush diverters or vents blocked	<input type="checkbox"/> Other:			
Photo No. 2, 3	Comments: cleanout/observation pipes have caps that are either too tightly secured or zip-tied on, preventing viewing and proper inspection.					

BMP #: 16	BMP Type: Underground infiltration pit
BMP Address: 139 Clemons Cir	Date: 06/03/2024



BMP Component	Violations Observed					
Berm/Embankment	<input type="checkbox"/> Overgrown/unmaintained vegetation	<input type="checkbox"/> Exposed or bare soil/vegetation	<input type="checkbox"/> Woody vegetation threatening structure	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Cracking or seeping	<input type="checkbox"/> Evidence of animal burrows
<input type="checkbox"/> No violations present at the time of inspection	<input type="checkbox"/> Other:					
Photo No.	Comments:					
Outlet	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Structural components in need of repair	<input type="checkbox"/> Hydraulic control components in need of repair	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Overflows or Emergency Spillways	<input type="checkbox"/> Evidence of accelerated erosion or instability	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Other:		
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Bio-Filter Media	<input type="checkbox"/> Filter is blocked/clogged	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Stone Bed/Underdrain	<input type="checkbox"/> Perforated pipe is not functioning as designed	<input type="checkbox"/> Not dewatering per design	<input type="checkbox"/> Evidence of blockage/ clogging	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input checked="" type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments: Could not determine proper function because access was not possible due to cap stuck on too tightly					
Vegetation	<input type="checkbox"/> Vegetation is dying or dead	<input type="checkbox"/> Mowing requirements not being followed/vegetation unmaintained	<input type="checkbox"/> Plant composition inconsistent	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Insects & Rodents	<input type="checkbox"/> Insects and rodents presence impacting functionality of BMP	<input type="checkbox"/> Other:				
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Spill Prevention	<input type="checkbox"/> Hazardous/toxic substances are located or used near BMPs	<input type="checkbox"/> Other:				
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					

BMP Component	Violations Observed	
Access	<input checked="" type="checkbox"/> BMP not accessible or blocked	<input type="checkbox"/> Other:
<input type="checkbox"/> No violations present at the time of inspection		

BMP #: 16	BMP Type: Underground infiltration pit
BMP Address: 139 Clemons Cir	Date: 06/03/2024



Photo No. 2	Comments: Cleanout cap on to tight. Could not remove. Tools needed to gain access and new pipe cap is recommended			
Overall	<input type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Evidence of oil/chemical presence	<input type="checkbox"/> Other
Photo No. 2, 3	Comments: No apparent issues, recommended to return to BMP with tools to remove cap			

Is the BMP in Compliance? Yes No

Notable Correspondence and Recent Actions:

Remarks:

Cleanout pipe could not be accessed, pipe cover could not be removed. Homeowner should ensure cap can be removed for self and township inspection purposes.

Refer to the following pages for photographs and violation descriptions.

BMP #: 16	BMP Type: Underground infiltration pit
BMP Address: 139 Clemons Cir	Date: 06/03/2024



BMP #: 16		BMP Type: Underground infiltration pit	BMP Address: 139 Clemons Cir
Photo No. 1	Date: 06/03/2024	Date:	
Description			
Roof drain connection			
Violation Type (if applicable):			
Photo No. 2	Date: 06/03/2024	Date:	
Description			
Possible cleanout, cleanout cap tightly secured and unable to be removed for inspection.			
Violation Type (if applicable):			

BMP #: 16	BMP Type: Underground infiltration pit
BMP Address: 139 Clemons Cir	Date: 06/03/2024



BMP #: 16		BMP Type: Underground infiltration pit	BMP Address: 139 Clemons Cir
Photo No. 3	Date: 06/03/2024	Date:	
Description			
Other potential cleanout or inspection well with cover zip-tied on. Unable to be removed.			
Violation Type (if applicable):			

BMP #: 2	BMP Type: Detention Basin
BMP Address: Wagon Wheel Rd	Date: 06/03/2024



**WEST NORRITON TOWNSHIP
POST CONSTRUCTION STORMWATER MANAGEMENT INSPECTION REPORT**

BMP #:	2	Site Name:	X
BMP Type:	Detention Basin	Temperature:	80, Sunny
		Weather:	
NPDES Permit #:	-	Date:	06/03/2024
Year Constructed:		Rainfall within 72 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PCSM BMP Plan Reference:	X	Structural/Non-Structural:	<input checked="" type="checkbox"/> Structural <input type="checkbox"/> Non-Structural

Responsible Party(s):	West Norriton Township	Responsible Party Address:	1630 W Marshall St.
Responsible Party(s):	X	BMP Address:	Wagon Wheel Rd

Inspector:	Paige Buzard	Inspector Signature:	
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Inspection Type: Routine Follow-Up Post Rain Event Complaint

Site Observations

BMP Component	Violations Observed					
Contributing Drainage Area	<input type="checkbox"/> Excessive trash/debris	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Other:		
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Pretreatment: Inlets, Forebays & Inflow	<input checked="" type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input type="checkbox"/> Evidence of clogging	<input checked="" type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Evidence of ponding, odors, water stains, floating aquatic	<input checked="" type="checkbox"/> Structural deterioration of inlets, outfalls or pretreatment overflow weirs into facility	<input type="checkbox"/> Maintenance access in need of repair
<input type="checkbox"/> No violations present at the time of inspection	<input type="checkbox"/> Gutters, downspouts and inflow devices	<input type="checkbox"/> Screens, first flush diverters or vents blocked	<input checked="" type="checkbox"/> Other: Undermining at inlet that should be monitored. Some side slope erosion.			
Photo No. 1, 3, 4, 5	Comments: Undermining of inlet structure to be monitored. Some inlets are blocked by excessive vegetation.					

BMP #: 2	BMP Type: Detention Basin
BMP Address: Wagon Wheel Rd	Date: 06/03/2024



BMP Component	Violations Observed					
Berm/Embankment	<input type="checkbox"/> Overgrown/unmaintained vegetation	<input type="checkbox"/> Exposed or bare soil/vegetation	<input type="checkbox"/> Woody vegetation threatening structure	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Cracking or seeping	<input type="checkbox"/> Evidence of animal burrows
<input checked="" type="checkbox"/> No violations present at the time of inspection	<input type="checkbox"/> Other:					
Photo No.	Comments:					
Outlet	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input checked="" type="checkbox"/> Structural components in need of repair	<input type="checkbox"/> Hydraulic control components in need of repair	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No. 7	Comments: Low flow holes in outlet structure have been plugged. Unsure of reasoning for this action.					
Overflows or Emergency Spillways	<input type="checkbox"/> Evidence of accelerated erosion or instability	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Other:		
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Bio-Filter Media	<input type="checkbox"/> Filter is blocked/clogged	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Stone Bed/Underdrain	<input type="checkbox"/> Perforated pipe is not functioning as designed	<input type="checkbox"/> Not dewatering per design	<input type="checkbox"/> Evidence of blockage/ clogging	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Vegetation	<input type="checkbox"/> Vegetation is dying or dead	<input type="checkbox"/> Mowing requirements not being followed/vegetation unmaintained	<input type="checkbox"/> Plant composition inconsistent	<input type="checkbox"/> Exposed/bare soil	<input checked="" type="checkbox"/> Other: Large basin, mostly mowed lawn, taller vegetation and invasives present in flow channel	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No. 4	Comments: Mowing in basin is occurring. Mower leaving higher vegetation through flow path. Invasive and weedy species accumulating around inlet end walls and outlet structure to be removed.					
Insects & Rodents	<input type="checkbox"/> Insects and rodents presence impacting functionality of BMP	<input type="checkbox"/> Other:				
<input type="checkbox"/> No violations present at the time of inspection						
Photo No. 7	Comments: Mice present at outflow, not impacting functionality at this time					
Spill Prevention	<input type="checkbox"/> Hazardous/toxic substances are located or used near BMPs	<input type="checkbox"/> Other:				
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					

BMP Component	Violations Observed	
Access	<input type="checkbox"/> BMP not accessible or blocked	<input type="checkbox"/> Other:

BMP #: 2	BMP Type: Detention Basin
BMP Address: Wagon Wheel Rd	Date: 06/03/2024



<input checked="" type="checkbox"/> No violations present at the time of inspection				
Photo No.	Comments:			
Overall	<input type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input checked="" type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Evidence of oil/chemical presence	<input type="checkbox"/> Other
Photo No. 2, 4	Comments: Excessive vegetation at select inlets should be removed			

Is the BMP in Compliance? Yes No

Notable Correspondence and Recent Actions:

Remarks:
Monitor inlets for undermining and erosion, remove excessive vegetation from inlet structures and side slopes.

Refer to the following pages for photographs and violation descriptions.

BMP #: 2	BMP Type: Detention Basin
BMP Address: Wagon Wheel Rd	Date: 06/03/2024



BMP #: 2		BMP Type: Detention Basin	BMP Address: Wagon Wheel Rd
Photo No. 1	Date: 06/03/2024	Date:	
Description			
Inlet			
Violation Type (if applicable):			
Photo No. 2	Date: 06/03/2024	Date:	
Description			
overall view of basin			
Violation Type (if applicable):			

BMP #: 2	BMP Type: Detention Basin
BMP Address: Wagon Wheel Rd	Date: 06/03/2024



BMP #: 2		BMP Type: Detention Basin	BMP Address: Wagon Wheel Rd
Photo No. 3	Date: 06/03/2024	Date:	
Description			
Undermining at inlet. Keep an eye on under mining. Some erosion of side slopes			
Violation Type (if applicable):			
Photo No. 4	Date: 06/03/2024	Date:	
Description			
Clear out vegetation around inlet end walls			
Violation Type (if applicable):			

BMP #: 2	BMP Type: Detention Basin
BMP Address: Wagon Wheel Rd	Date: 06/03/2024



BMP #: 2		BMP Type: Detention Basin	BMP Address: Wagon Wheel Rd
Photo No. 5	Date: 06/03/2024	Date:	
Description			
Inlet structure.			
Violation Type (if applicable):			
Photo No. 6	Date: 06/03/2024	Date:	
Description			
Orifice holes in metal corrugated pipe plugged up, concrete outlet pipe			
Violation Type (if applicable):			

BMP #: 2	BMP Type: Detention Basin
BMP Address: Wagon Wheel Rd	Date: 06/03/2024



BMP #: 2		BMP Type: Detention Basin	BMP Address: Wagon Wheel Rd
Photo No. 7	Date: 06/03/2024	Date:	
Description			
Outfall, some invasives, not clogging pipe, mice, minimal rock stabilization present.			
Violation Type (if applicable):			

BMP #: 24	BMP Type: Detention Basin
BMP Address: 2001 Sterigere St	Date: 06/03/2024



**WEST NORRITON TOWNSHIP
POST CONSTRUCTION STORMWATER MANAGEMENT INSPECTION REPORT**

BMP #:	24	Site Name:	X
BMP Type:	Detention Basin	Temperature:	80, Sunny
		Weather:	
NPDES Permit #:	-	Date:	06/03/2024
Year Constructed:		Rainfall within 72 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PCSM BMP Plan Reference:	X	Structural/Non-Structural:	<input checked="" type="checkbox"/> Structural <input type="checkbox"/> Non-Structural

Responsible Party(s):	West Norriton Township	Responsible Party Address:	1630 W Marshall St.
Responsible Party(s):	X	BMP Address:	2001 Sterigere St

Inspector:	Paige Buzard	Inspector Signature:	
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Inspection Type: Routine Follow-Up Post Rain Event Complaint

Site Observations

BMP Component	Violations Observed					
Contributing Drainage Area	<input type="checkbox"/> Excessive trash/debris	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Other:		
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Pretreatment: Inlets, Forebays & Inflow	<input type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input type="checkbox"/> Evidence of clogging	<input type="checkbox"/> Evidence of accelerated erosion	<input checked="" type="checkbox"/> Evidence of ponding, odors, water stains, floating aquatic	<input type="checkbox"/> Structural deterioration of inlets, outfalls or pretreatment overflow weirs into facility	<input type="checkbox"/> Maintenance access in need of repair
<input type="checkbox"/> No violations present at the time of inspection	<input type="checkbox"/> Gutters, downspouts and inflow devices	<input type="checkbox"/> Screens, first flush diverters or vents blocked	<input type="checkbox"/> Other:			
Photo No. 1, 2	Comments: Evidence of ponding at inlet					

BMP #: 24	BMP Type: Detention Basin
BMP Address: 2001 Sterigere St	Date: 06/03/2024



BMP Component	Violations Observed					
Berm/Embankment	<input type="checkbox"/> Overgrown/unmaintained vegetation	<input type="checkbox"/> Exposed or bare soil/vegetation	<input type="checkbox"/> Woody vegetation threatening structure	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Cracking or seeping	<input type="checkbox"/> Evidence of animal burrows
<input checked="" type="checkbox"/> No violations present at the time of inspection	<input type="checkbox"/> Other:					
Photo No.	Comments:					
Outlet	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Structural components in need of repair	<input type="checkbox"/> Hydraulic control components in need of repair	<input checked="" type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No. 5, 6	Comments: Cattails growing in front of outlet structure to be monitored and maintained					
Overflows or Emergency Spillways	<input type="checkbox"/> Evidence of accelerated erosion or instability	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Other:		
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No. 8	Comments: Emergency spillway has been maintained and armored with tip tap to prevent erosion					
Bio-Filter Media	<input type="checkbox"/> Filter is blocked/clogged	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Other:	
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Stone Bed/Underdrain	<input type="checkbox"/> Perforated pipe is not functioning as designed	<input type="checkbox"/> Not dewatering per design	<input type="checkbox"/> Evidence of blockage/ clogging	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Other:	
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Vegetation	<input type="checkbox"/> Vegetation is dying or dead	<input type="checkbox"/> Mowing requirements not being followed/vegetation unmaintained	<input type="checkbox"/> Plant composition inconsistent	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Other:	
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No. 3, 4	Comments: Vegetation doing well. Includes natives per plan. Some cattails are present in clusters along the low flow channel meandering flow path					
Insects & Rodents	<input type="checkbox"/> Insects and rodents presence impacting functionality of BMP	<input type="checkbox"/> Other:				
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Spill Prevention	<input type="checkbox"/> Hazardous/toxic substances are located or used near BMPs	<input checked="" type="checkbox"/> Other: Potential illicit discharge noted at outfall				
<input type="checkbox"/> No violations present at the time of inspection						
Photo No. 7	Comments: testing recommended to determine source/type of substance at outfall					

BMP Component	Violations Observed	
Access	<input type="checkbox"/> BMP not accessible or blocked	<input type="checkbox"/> Other:

BMP #: 24	BMP Type: Detention Basin
BMP Address: 2001 Sterigere St	Date: 06/03/2024



<input checked="" type="checkbox"/> No violations present at the time of inspection				
Photo No.	Comments:			
Overall	<input type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Evidence of oil/chemical presence	<input type="checkbox"/> Other
Photo No. 3, 4	Comments:			

Is the BMP in Compliance? Yes No

Notable Correspondence and Recent Actions:

Remarks:

Testing at outfall, follow-up needed

Refer to the following pages for photographs and violation descriptions.

BMP #: 24	BMP Type: Detention Basin
BMP Address: 2001 Sterigere St	Date: 06/03/2024



BMP #: 24		BMP Type: Detention Basin	BMP Address: 2001 Sterigere St
Photo No. 1	Date: 06/03/2024	Date:	
Description			
Large inlet with standing water, low flow to no flow.			
Violation Type (if applicable):			
Photo No. 2	Date: 06/03/2024	Date:	
Description			
Large concrete inlet pipes			
Violation Type (if applicable):			

BMP #: 24	BMP Type: Detention Basin
BMP Address: 2001 Sterigere St	Date: 06/03/2024



BMP #: 24		BMP Type: Detention Basin	BMP Address: 2001 Sterigere St
Photo No. 3	Date: 06/03/2024	Date:	
Description			
Low flow channel			
Violation Type (if applicable):			
Photo No. 4	Date: 06/03/2024	Date:	
Description			
Low flow channel with native plantings.			
Violation Type (if applicable):			

BMP #: 24	BMP Type: Detention Basin
BMP Address: 2001 Sterigere St	Date: 06/03/2024



BMP #: 24		BMP Type: Detention Basin	BMP Address: 2001 Sterigere St
Photo No. 5	Date: 06/03/2024	Date:	
Description			
<p>Outlet structure (new) low-flow orifice, constructed in front of older/outdated brick outlet structure.</p>			
Violation Type (if applicable):			
Photo No. 6	Date: 06/03/2024	Date:	
Description			
<p>View of new and old outlet structures in line.</p>			
Violation Type (if applicable):			

BMP #: 24	BMP Type: Detention Basin
BMP Address: 2001 Sterigere St	Date: 06/03/2024



BMP #: 24		BMP Type: Detention Basin	BMP Address: 2001 Sterigere St
Photo No. 7	Date: 06/03/2024	Date:	
Description			
<p>Additional investigation recommended. Pipe coming from homeowners yard-connecting to old outlet structure has flowing water before discharging here. Water flowing with no recent rainfall. Illicit discharge?</p>			
Violation Type (if applicable):			
Photo No. 8	Date: 06/03/2024	Date:	
Description			
<p>Rip-rap reinforced spillway, fixed from prior floods and erosion noted in previous inspections.</p>			
Violation Type (if applicable):			

BMP #: PRP	BMP Type: Dry Extended Detention
BMP Address: Alexander Dr	Date: 06/03/2024



**WEST NORRITON TOWNSHIP
POST CONSTRUCTION STORMWATER MANAGEMENT INSPECTION REPORT**

BMP #:	PRP	Site Name:	X
BMP Type:	Dry Extended Detention	Temperature:	80, Sunny
		Weather:	
NPDES Permit #:	-	Date:	06/03/2024
Year Constructed:		Rainfall within 72 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PCSM BMP Plan Reference:	X	Structural/Non-Structural:	<input checked="" type="checkbox"/> Structural <input type="checkbox"/> Non-Structural

Responsible Party(s):		Responsible Party Address:	
Responsible Party(s):	X	BMP Address:	Alexander Dr

Inspector:	Paige Buzard	Inspector Signature:	
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Inspection Type: Routine Follow-Up Post Rain Event Complaint

Site Observations

BMP Component	Violations Observed					
Contributing Drainage Area	<input type="checkbox"/> Excessive trash/debris	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Other:		
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Pretreatment: Inlets, Forebays & Inflow	<input type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input type="checkbox"/> Evidence of clogging	<input type="checkbox"/> Evidence of accelerated erosion	<input checked="" type="checkbox"/> Evidence of ponding, odors, water stains, floating aquatic	<input type="checkbox"/> Structural deterioration of inlets, outfalls or pretreatment overflow weirs into facility	<input type="checkbox"/> Maintenance access in need of repair
<input type="checkbox"/> No violations present at the time of inspection	<input type="checkbox"/> Gutters, downspouts and inflow devices	<input type="checkbox"/> Screens, first flush diverters or vents blocked	<input checked="" type="checkbox"/> Other: vegetation at inlets			
Photo No. 3	Comments: remove silver maple and birch from inlet, cattails being removed removed from other inlets					

BMP #: PRP	BMP Type: Dry Extended Detention
BMP Address: Alexander Dr	Date: 06/03/2024



BMP Component	Violations Observed					
Berm/Embankment	<input checked="" type="checkbox"/> Overgrown/unmaintained vegetation	<input type="checkbox"/> Exposed or bare soil/vegetation	<input type="checkbox"/> Woody vegetation threatening structure	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Cracking or seeping	<input type="checkbox"/> Evidence of animal burrows
<input type="checkbox"/> No violations present at the time of inspection	<input type="checkbox"/> Other:					
Photo No. 3	Comments: birch and maple saplings growing at inlet					
Outlet	<input type="checkbox"/> Evidence of accelerated erosion	<input checked="" type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Structural components in need of repair	<input type="checkbox"/> Hydraulic control components in need of repair	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No. 4	Comments: Clogging at outlet structure with sediment and vegetation, standing water present.					
Overflows or Emergency Spillways	<input type="checkbox"/> Evidence of accelerated erosion or instability	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Other:		
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Bio-Filter Media	<input type="checkbox"/> Filter is blocked/clogged	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Other:	
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Stone Bed/Underdrain	<input type="checkbox"/> Perforated pipe is not functioning as designed	<input type="checkbox"/> Not dewatering per design	<input type="checkbox"/> Evidence of blockage/ clogging	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Other:	
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Vegetation	<input type="checkbox"/> Vegetation is dying or dead	<input type="checkbox"/> Mowing requirements not being followed/vegetation unmaintained	<input checked="" type="checkbox"/> Plant composition inconsistent	<input type="checkbox"/> Exposed/bare soil	<input checked="" type="checkbox"/> Other: Some growth of cattails in basin. Cattails have been removed from one of the inlets.	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No. 2, 4, 5	Comments: Native plants mixed with invasive species in the basin					
Insects & Rodents	<input type="checkbox"/> Insects and rodents presence impacting functionality of BMP	<input type="checkbox"/> Other:				
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Spill Prevention	<input type="checkbox"/> Hazardous/toxic substances are located or used near BMPs	<input type="checkbox"/> Other:				
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					

BMP Component	Violations Observed	
Access	<input type="checkbox"/> BMP not accessible or blocked	<input type="checkbox"/> Other:
<input checked="" type="checkbox"/> No violations present at the time of inspection		

BMP #: PRP	BMP Type: Dry Extended Detention
BMP Address: Alexander Dr	Date: 06/03/2024



Photo No.	Comments:			
Overall	<input checked="" type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Evidence of oil/chemical presence	<input type="checkbox"/> Other
Photo No. 2, 4, 5	Comments: Outlet structure clogged with debris, sediment and vegetation			

Is the BMP in Compliance? Yes No

Notable Correspondence and Recent Actions:

Remarks:
 Outlet structure must be maintained and cleared of accumulated debris, sediment and vegetation. Recommendation to continue maintenance of cattail removal from basin and removal of woody species near inlets.

Refer to the following pages for photographs and violation descriptions.

BMP #: PRP	BMP Type: Dry Extended Detention
BMP Address: Alexander Dr	Date: 06/03/2024



BMP #: PRP		BMP Type: Dry Extended Detention	BMP Address: Alexander Dr
Photo No. 1	Date: 06/03/2024	Date:	
Description			
Man hole with sump to capture sediment before entering basin			
Violation Type (if applicable):			
Photo No. 2	Date: 06/03/2024	Date:	
Description			
Overall view of basin			
Violation Type (if applicable):			

BMP #: PRP	BMP Type: Dry Extended Detention
BMP Address: Alexander Dr	Date: 06/03/2024



BMP #: PRP		BMP Type: Dry Extended Detention	BMP Address: Alexander Dr
Photo No. 3	Date: 06/03/2024	Date:	
Description			
Removed birch and silver maple from inlet			
Violation Type (if applicable):			
Photo No. 4	Date: 06/03/2024	Date:	
Description			
Orifice clogged with debris, standing water, presence of cattails, remove multiflora rose over top of structure.			
Violation Type (if applicable):			

BMP #: PRP	BMP Type: Dry Extended Detention
BMP Address: Alexander Dr	Date: 06/03/2024



BMP #: PRP		BMP Type: Dry Extended Detention	BMP Address: Alexander Dr
Photo No. 5	Date: 06/03/2024	Date:	
Description			
Cat tails being removed from inflow			
Violation Type (if applicable):			

BMP #: 25	BMP Type: Stream Restoration
BMP Address: 2400 W Main Street	Date: 06/03/2024



**WEST NORRITON TOWNSHIP
POST CONSTRUCTION STORMWATER MANAGEMENT INSPECTION REPORT**

BMP #:	25	Site Name:	X
BMP Type:	Stream Restoration	Temperature:	80, Sunny
		Weather:	
NPDES Permit #:	-	Date:	06/03/2024
Year Constructed:		Rainfall within 72 hours?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
PCSM BMP Plan Reference:	X	Structural/Non-Structural:	<input type="checkbox"/> Structural <input checked="" type="checkbox"/> Non-Structural

Responsible Party(s):	Township	Responsible Party Address:	1630 W Marshall Street
Responsible Party(s):	X	BMP Address:	2400 W Main Street

Inspector:	Paige Buzard	Inspector Signature:	
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Inspection Type: Routine Follow-Up Post Rain Event Complaint

Site Observations

BMP Component	Violations Observed					
Contributing Drainage Area	<input type="checkbox"/> Excessive trash/debris	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Other:		
<input checked="" type="checkbox"/> No violations present at the time of inspection	Photo No.					
Pretreatment: Inlets, Forebays & Inflow	<input type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input type="checkbox"/> Evidence of clogging	<input checked="" type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Evidence of ponding, odors, water stains, floating aquatic	<input type="checkbox"/> Structural deterioration of inlets, outfalls or pretreatment overflow weirs into facility	<input type="checkbox"/> Maintenance access in need of repair
<input type="checkbox"/> No violations present at the time of inspection	<input type="checkbox"/> Gutters, downspouts and inflow devices	<input type="checkbox"/> Screens, first flush diverters or vents blocked	<input type="checkbox"/> Other:			
Photo No. 4	Comments:					

BMP #: 25	BMP Type: Stream Restoration
BMP Address: 2400 W Main Street	Date: 06/03/2024



BMP Component	Violations Observed					
Berm/Embankment	<input type="checkbox"/> Overgrown/unmaintained vegetation	<input type="checkbox"/> Exposed or bare soil/vegetation	<input type="checkbox"/> Woody vegetation threatening structure	<input checked="" type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Cracking or seeping	<input type="checkbox"/> Evidence of animal burrows
<input type="checkbox"/> No violations present at the time of inspection	<input type="checkbox"/> Other:					
Photo No. 6	Comments:					
Outlet	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Structural components in need of repair	<input type="checkbox"/> Hydraulic control components in need of repair	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Overflows or Emergency Spillways	<input type="checkbox"/> Evidence of accelerated erosion or instability	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Other:		
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Bio-Filter Media	<input type="checkbox"/> Filter is blocked/clogged	<input type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Exposed/bare soil	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Stone Bed/Underdrain	<input type="checkbox"/> Perforated pipe is not functioning as designed	<input type="checkbox"/> Not dewatering per design	<input type="checkbox"/> Evidence of blockage/ clogging	<input type="checkbox"/> Excessive trash/debris/sediment accumulation	<input type="checkbox"/> Other:	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Vegetation	<input type="checkbox"/> Vegetation is dying or dead	<input type="checkbox"/> Mowing requirements not being followed/vegetation unmaintained	<input type="checkbox"/> Plant composition inconsistent	<input type="checkbox"/> Exposed/bare soil	<input checked="" type="checkbox"/> Other: Cattails present along stream channel	
<input type="checkbox"/> No violations present at the time of inspection						
Photo No. 2	Comments: Maintenance and planting in progress.					
Insects & Rodents	<input type="checkbox"/> Insects and rodents presence impacting functionality of BMP	<input type="checkbox"/> Other:				
<input checked="" type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					
Spill Prevention	<input type="checkbox"/> Hazardous/toxic substances are located or used near BMPs	<input type="checkbox"/> Other:				
<input type="checkbox"/> No violations present at the time of inspection						
Photo No.	Comments:					

BMP Component	Violations Observed	
Access	<input type="checkbox"/> BMP not accessible or blocked	<input type="checkbox"/> Other:
<input checked="" type="checkbox"/> No violations present at the time of inspection		

BMP #: 25	BMP Type: Stream Restoration
BMP Address: 2400 W Main Street	Date: 06/03/2024



Photo No.	Comments:			
Overall	<input type="checkbox"/> Excessive trash/debris/ sediment accumulation	<input checked="" type="checkbox"/> Evidence of accelerated erosion	<input type="checkbox"/> Evidence of oil/chemical presence	<input type="checkbox"/> Other
Photo No.	Comments: Excessive cattails in stream channel and several locations experiencing erosion due to an excess of stone placed in the stream channel.			

Is the BMP in Compliance? Yes No

Notable Correspondence and Recent Actions:

Remarks:
 Site should be monitored for excessive cattail growth and erosion of the stream channel. Excessive stone was placed in stream channel causing bank erosion and channel widening. Vegetated buffers along either side of the stream can be increased in width where deemed suitable.

Refer to the following pages for photographs and violation descriptions.

BMP #: 25	BMP Type: Stream Restoration
BMP Address: 2400 W Main Street	Date: 06/03/2024



BMP #: 25		BMP Type: Stream Restoration	BMP Address: 2400 W Main Street
Photo No. 1	Date: 06/03/2024	Date:	
Description			
Stream buffer planting with shrubs and perennials. Additional native plantings are being introduced to project.			
Violation Type (if applicable):			
Photo No. 2	Date: 06/03/2024	Date:	
Description			
Stream buffer planting. Excessive cattails.			
Violation Type (if applicable):			

BMP #: 25	BMP Type: Stream Restoration
BMP Address: 2400 W Main Street	Date: 06/03/2024



BMP #: 25	BMP Type: Stream Restoration	BMP Address: 2400 W Main Street
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Photo No. 3	Date: 06/03/2024
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Date:

Description

Stream channel has widened due to erosion. Cattails present.



Violation Type (if applicable):

Photo No. 4	Date: 06/03/2024
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Date:

Description

Stream crossing. Erosion present.



Violation Type (if applicable):

BMP #: 25	BMP Type: Stream Restoration
BMP Address: 2400 W Main Street	Date: 06/03/2024



BMP #: 25	BMP Type: Stream Restoration
BMP Address: 2400 W Main Street	Date: 06/03/2024



BMP #: 25		BMP Type: Stream Restoration	BMP Address: 2400 W Main Street
Photo No. 5	Date: 06/03/2024	Date:	
Description			
Excessive stone in stream channel. Narrow vegetation strips on either side of stream channel. Discussed increasing planting width.			
Violation Type (if applicable):			
Photo No. 6	Date: 06/03/2024	Date:	
Description			
Excessive stone in stream channel. Evidence of stream bank erosion as flow is directed around excess stone.			
Violation Type (if applicable):			

BMP #: 25	BMP Type: Stream Restoration
BMP Address: 2400 W Main Street	Date: 06/03/2024



BMP #: 25		BMP Type: Stream Restoration	BMP Address: 2400 W Main Street
Photo No. 7	Date: 06/03/2024	Date:	
Description			
Stream bank erosion as stream channel flows around rip rap and cuts into banks. Cattails present in stream channel.			
Violation Type (if applicable):			
Photo No. 8	Date: 06/03/2024	Date:	
Description			
Rip rap check dam in stream channel. Narrow vegetated strips on either side of stream. Discussed increasing buffer width.			
Violation Type (if applicable):			