



2024 Annual MS4 Report - General Information

Report Status: **Submitted**Permittee: **BETHLEHEM TWP NORTHAMPTON CNTY** | NPDES Permit No.: **PAI132214**Facility Name: **BETHLEHEM TOWNSHIP**MS4 Contact: **RICHARD KANASKIE**Facility Address: **Facility Address:**Title: **PUBLIC WORKS DIRECTO**Facility ID: **649061**Phone: **610-814-6407**County: **Northampton**Email: **rkanaskie@bethlehemtwp.com**Municipality: **Bethlehem Twp**Effective Date: **09/01/2024**Expiration Date: **08/31/2029**Renewal Due Date: **05/01/2025**

MS4 Report (Current Version)

Appendix Selection

You must review each appendix and select the appropriate appendices below.

☐ Appendix A☐ Appendix B☒ Appendix C☐ Appendix D☒ Appendix E☐ Appendix F

Water Quality Information Module

Are there any discharges to waters within the Chesapeake Bay Watershed? **No**

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

Receiving Water Name	Ch. 93 Class	Impaired	Cause(s)	TMDL	WLA
Nancy Run	HQ-CWF, MF	Yes	Siltation, Water/Flow Variability	No	No
Unnamed Tributary to Nancy Run	CWF, MF	No		No	No
Monocacy Creek	HQ-CWF, MF	Yes	Siltation	No	No
Unnamed Tributary to Monocacy Creek	HQ-CWF, MF	Yes	Siltation	No	No
Lehigh Coal and Navigation Canal	WWF, MF	Yes	Organic Enrichment/Low D.O., Siltation, Suspended Solids	No	No
Unnamed Tributary to Lehigh Coal and Navigation Canal	WWF, MF	Yes	Organic Enrichment/Low D.O., Siltation, Suspended Solids	No	No

General Minimum Control Measure (MCM) Information Module



Have you completed all MCM activities required by the permit for this reporting period? **Yes**

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

MCM	Entity Responsible	Contact Name	Phone Number
#1 Public Education and Outreach on Stormwater Impacts	Bethlehem Township	Richard L. Kanaskie	610-814-6407
#2 Public Involvement / Participation	Bethlehem Township	Richard L. Kanaskie	610-814-6407
#3 Illicit Discharge Detection and Elimination (IDD&E)	Bethlehem Township	Richard L. Kanaskie	610-814-6407
#4 Construction Site Stormwater Runoff Control	Bethlehem Township	Richard L. Kanaskie	610-814-6407
#5 Post-Construction Stormwater Management in New Development and Redevelopment	Bethlehem Township	Richard L. Kanaskie	610-814-6407
#6 Pollution Prevention / Good Housekeeping	Bethlehem Township	Richard L. Kanaskie	610-814-6407

MCM #1 – Public Education & Outreach on Stormwater Impacts Module



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

1. For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage? **Not Applicable**

2. Date of latest annual review of PEOP: **06/24/2024** Were updates made? **No**

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

The main goal of the PEOP is to reach and educate all of the target audiences within the Township on the importance of stormwater management. The plan to achieve this goal included: Informing individuals and households about the steps they can take to reduce stormwater pollution and illicit discharges, informing individuals and groups how to become involved in local stream restoration activities as well as activities that are coordinated by youth service and conservation groups or other citizen groups. Tailoring the public education program using a mix of locally appropriate strategies to target specific audiences and communities. Participating in neighboring municipality or community events.

4. Did the MS4 achieve its goal(s) for the PEOP during the reporting period? **Yes**

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

Throughout the upcoming year, the Township plans to continue the distribution of educational materials to the different target audiences as well as participate in community events as they arise.

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? **Not Applicable**

2. Date of latest annual review of target audience lists:

06/24/2024

Were updates made?

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?

Not Applicable

2. Date of latest annual review of educational materials:

06/24/2024

Were updates made?

No

3. Do you have a municipal website? Yes

URL: <https://www.bethlehemtownship.org/>

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

On the home page of the municipal website, there is a ribbon with one option for stormwater. Clicking on this will bring the user to an entire page dedicated to stormwater. This page allows residents to report stormwater concerns such as illicit discharges/flooding concerns. It also gives general education about stormwater and the importance and strategy of maintaining clean stormwater. On this stormwater page there is also another tab specifically for the MS4 program which includes more in depth education, mapping, and a link to all their published educational materials. Posted educational materials include links to PADEP stormwater website, Northampton County Watershed Program, US Environmental Protection Agency Stormwater Program, "When it rains it drains", Auto Recyclers and owners, Car Washing Pollution Prevention Fact Sheet. The website also has a link for their current NPDES Permit from DEP as well as a previous Annual Municipal MS4 Status Report. Educational Stormwater Frequently Asked Questions with responses are provided, Contact information and description of duties for the municipal authority who manages the stormwater infrastructure is also provided. Previous PRP plans and other stormwater project related information is also provided.

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

The Township participates in a community event known as National Night Out where stormwater related discussions and demonstrations are provided, within the Township newsletter stormwater related educational material is included. The Township also utilizes social media platforms such as Facebook to relay information such as community events and stormwater related information to the public.

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

The Township will continue the publication and distribution of the current materials while looking on updating any information as necessary and exploring possibilities for new methods of publishing and distributing to the entities listed under the target audience.

BMP #4: 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).

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).

In the previous reporting period, the Township utilized posters and other educational fact sheets at their municipal building, participation in the National Night Out Event, and also gave the public opportunities to attend and participate in public meetings where they could hear stormwater related topics and discuss stormwater concerns of their own.

MCM #1 Comments:

MCM #1 Attachments:

File Name

Document Type

Short Description

Bethlehem Twp Educational

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

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

Not Applicable

2. Date of latest annual review of PIPP:

06/24/2024

Were updates made?

No

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

1. Was an MS4-related ordinance, SOP, PRP or TMDL Plan developed during the reporting period?

No

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

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

Ordinance/SOP/Plan Name	Date of Public Notice	Date of Public Hearing	Date Enacted or Submitted to DEP
No data available in table			

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?

No

If **Yes**, Date of Meeting or Event:

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

The Township created a more accessible and user friendly system for the public to report stormwater concerns, this in turn has led to larger participation by members of the public voicing their concerns. There are instances of the Township being alerted of failing infrastructure or larger drainage issues. This effort has helped refine a more holistic planning of the Stormwater Management Plan.

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 public participated in multiple regular public meetings voicing various stormwater related concerns and topics throughout the reporting period. The public attended National Night out where educational materials were distributed and discussed by the Township who had set up a booth to involve the public in stormwater related education.

MCM #2 Comments:**MCM #2 Attachments:**

File Name	Document Type	Short Description
National Night Out.pdf	Other	Photographs from National Night Out

**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?

Not Applicable

2. Date of latest annual review of IDD&E program:

06/26/2024

Were updates made?

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?

YesIf **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):

02/15/2022

3. Total No. of Outfalls in MS4:

128

Total No. of Outfalls Mapped:

128

4. Total No. of Observation Points:

10

Total No. of Observation Points Mapped:

10

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?

NoIf **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**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**

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

02/15/2022**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? **78**

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: **1 %**

4. Did any dry weather flows reveal color, turbidity, sheen, odor, floating or submerged solids? **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**) (<https://greenport.pa.gov/elibrary/GetFolder?FolderID=2740>) provided in the permit? **Yes**

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**

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance	Borough/Township Name?
08/21/2023	Bethlehem Township Stormwater Management Ordinance

2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j) with respect to authorized non-stormwater discharges? **Yes**

If **Yes** to #1 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**

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

Violation Date	Nature of Violation	Responsible Party	Enforcement Taken
06/24/2024	Illicit Discharge - Paint and wash water dumped into inlet.	N/A	Education of proper disposal of paint and operations of stormwater infrastructure.
06/21/2024	Acrylic Thickener spill	Crayola LLC	PADEP issued Notice of Violation
04/09/2024	Manure accumulation near stormwater infrastructure.	Dale Koehler & Sons Farm	Education on impacts of manure entering the stormwater system. Removal of manure from infrastructure.

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? **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**

If **Yes**, what was distributed?

Educational items distributed included: EPA's Brochure "Only Rain Down the Drain!", EPA Brochure "After the Storm - A Citizen's Guide to Understanding Stormwater", Sustainable Conservation Brochure "Stormwater Management - A Guide for Auto Recycler Owners and Operators", and a Pollution Prevention Fact Sheet on Car Washing.

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

3. Do you maintain documentation of all responses, action taken, and the time required to take action? **Yes**

MCM #3 Comments:

MCM #3 Attachments:

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**

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

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)? Note: If no building permit applications were received you may select Not Applicable. **Yes**

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)? Note: If no building permit applications were received you may select Not Applicable. **Yes**

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**

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance

Borough/Township Name?

08/21/2023

Bethlehem Township - Stormwater Management Ordinance

2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j)? **Yes**

3. If **Yes** to #1 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:

Not Applicable

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:

Not Applicable

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:

Not Applicable

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:

Not Applicable

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.

Not Applicable

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

Not Applicable

MCM #4 Comments:

MCM #4 Attachments:

File Name

Document Type

Short Description

MCM #5 – Post-Construction Stormwater Water Management in New Development & Redevelopment Module



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

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance

Borough/Township Name?

08/23/2024

Bethlehem Township - Stormwater Management Ordinance

2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-

Yes

3. If **Yes** to #1 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**

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance	Borough/Township Name?
08/23/2024	Bethlehem Township - Stormwater Management Ordinance

2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j)? **Yes**

3. If **Yes** to #1 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**

If **Yes** to #1, complete Table 1 in the next module.

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

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

The Township is currently working to develop the proper follow-up actions required for all BMPs that were determined to require additional O&M. Each BMP's land development plan (or similar) is currently under review for inclusion in notices anticipated to be delivered Fall 2024.

(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).

Not Applicable

2. Has a tracking system been established and maintained to record qualifying projects and their associated BMPs? **Not Applicable**

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? **Not Applicable**

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

Not Applicable

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?

Not Applicable

MCM #5 Comments:

MCM #5 Attachments:

File Name	Document Type	Short Description

PCSM BMP Inventory Table



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.

Note: Any BMP data entered/uploaded will be prepopulated in the next reporting year.

You may enter your BMPs manually or upload them using our template.

BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
1	Dry Detention Basin	01/01/2005	06/17/2022	✓	Yes	40.688531	-75.282273	
Entity Responsible for O&M: O&M Requirements: Permit Number: Description: BETHLEHEM TOWNSHIP								
2	Vegetated Open Channels (A/B soils)	01/01/2005	06/17/2022	✓	Yes	40.688097	-75.282002	
Entity Responsible for O&M: O&M Requirements: Permit Number: Description: BETHLEHEM TOWNSHIP								
3	Dry Detention Basin	01/01/2005	06/17/2022	✓	Yes	40.687716	-75.282187	
Entity Responsible for O&M: O&M Requirements: Permit Number: Description: BETHLEHEM TOWNSHIP								

MCM #6 – Pollution Prevention / Good Housekeeping Module



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

2. When was the inventory last reviewed?

06/25/2024

3. When was it last updated?

02/15/2022

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

1. Have you developed a written O&M program for the operations identified in BMP #1?

Yes

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

06/25/2024

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

2. Date of last review or update to training program:

06/18/2024

Date of latest training:

06/19/2024

3. Training topics covered:

Stormwater Definitions, MS4 Permit and Program Requirements, Illicit Discharges, Good Municipal Housekeeping Practices, and Regulatory Inspections/Compliance

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

Curt Wilbern

5. Names of training attendees:

All attendees were from the Bethlehem Township Public Works Staff: Elijah White, Dillion Fleckenstein, Brayden Erker, Dave Febert, Michael Norwood, Wade Wasilick, Scott Rodney, Todd Bednany, William Gavlik, Andrew Lester, Ray Mamazich Jr., Bill Laky, Rich Kanaskie, Eric Kromer, and Justin Weis

MCM #6 Comments:

MCM #6 Attachments:

File Name	Document Type	Short Description
BT MS4 Training HRG PowerPoint 2024.pdf	Stormwater Training Program	Training Presentation
BT sign in sheet 2024.pdf	Stormwater Training Program	Training Sign in

Pollutant Control Measures (PCMs) Module

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	Attached	Date Completed	Anticipated Completion Date
Storm Sewershed Map(s)	<input type="checkbox"/>	08/30/2022	
Source Inventory	<input type="checkbox"/>	08/30/2022	
Investigation of Suspected Sources	<input type="checkbox"/>	09/12/2022	
Ordinance/SOP for Controlling Animal Wastes	<input type="checkbox"/>	06/12/1989	

PCM Comments:

PCM information was submitted with the Bethlehem Township 2022 Annual MS4 Report.

PCM Attachments:

Pollutant Reduction Plans (PRPs) and TMDL Plans Module

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	Pending Approval	Submission Date	DEP Approval Date	Surface Waters Addressed by Plan
Chesapeake Bay PRP (Appendix D)				
Impaired Waters PRP (Appendix E)		01/04/2023	12/06/2023	Lehigh River
TMDL Plan (Appendix F)				
Combined Chesapeake Bay / Impaired Waters PRP (include Chesapeake Bay in your entry)				
Combined PRP / TMDL Plan				

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

Joint Plan Participants:

2. Identify the pollutants of concern and pollutant load reduction requirements under the permit.

Type of Plan	Select	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
Chesapeake Bay PRP (Appendix D)	<input type="checkbox"/>			
Impaired Waters PRP (Appendix E)	<input checked="" type="checkbox"/>	376,250		
TMDL Plan (Appendix F)	<input type="checkbox"/>			
Combined Chesapeake Bay / Impaired Waters PRP	<input type="checkbox"/>			
Combined PRP / TMDL Plan	<input type="checkbox"/>			

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: 09/30/2024

4. Have any modifications to the plan(s) occurred since DEP approval?

No

• If **Yes** to #4, was the updated plan(s) submitted to DEP?

No

• If **Yes** to #4, did you comply with the public participation requirements of the applicable appendix?

No

• If **Yes** to #4, describe the plan modifications.

5. Summary of progress achieved during reporting period.

The Township implemented 4 detention basin retrofits and is in process of finalizing design and permitting of remaining projects.

6. Anticipated activities for next reporting period.

In the next reporting period additional PRP projects are planned to be in construction.

PRP/TMDL Comments:

PRP/TMDL Plan Attachments:

File Name	Document Type	Short Description
PRP Final Report 9.24.24.pdf	PRP Final Report	

BMPs For PRP/TMDL Plan Implementation Module Tables

New BMPs For PRP/TMDL Plan Implementation Table

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.

If you are a member of a regional PRP, report only those BMPs implemented within your municipal boundary. If you are reporting a joint BMP in which credit is shared with another permittee(s), report only your portion of the BMP credit.

Note: Any new BMP data entered will be prepopulated in the next reporting year.

BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
2	Retrofit - Retrofit Runoff Reduction	07/01/2023	60,148	✓	Yes	40.646417	-75.315112	131.88

% Impervious:

34

BMP Extent:

No

Units:

Acres

BMP in Planning Area:

Yes

Bmp Completed for Chapter 102:

No

Collaborative BMP:

No

Retrofit:

Yes

Date of Latest Inspection:

09/16/2024

List MS4 Collaborators:

Description:

BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
3	Retrofit - Retrofit Runoff Reduction	07/01/2023	30,288	✓	Yes	40.647053	-75.304953	43.5
% Impervious: BMP Extent: Units: BMP in Planning Area:								

Certification

1
Login to GreenPort and go to launch the MS4 Annual Reporting System.

2
Review this MS4 Report.

3
Sign the Report.

After the report is signed by all responsible officials, you will be able to submit the report.

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).

BETHLEHEM TWP NORTHAMPTON CNTY - Signature

Name of Responsible Official:

Doug Bruce

Telephone No.:

6108146403

Signature:

Document Signed

Date Signed:

09/26/2024 03:04 PM