

## ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

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

GENERAL INFORMATION					
Permittee Name:	Washington Township	NPDES Permit No.:	PAI132247		
Mailing Address:	1021 Washington Boulevard	Effective Date:	September 1, 2020		
City, State, Zip:	Bangor, PA 18013	Expiration Date:	August 31, 2025		
MS4 Contact Person:	Robert Smith	Renewal Due Date:	February 28, 2025		
Title:	Chairman	Municipality:	Washington Township		
Phone:	610-588-1524	County:	Northampton		
Email:	secretary@washington-township.com				
Co-Permittees (if applicable): N/A					
Appendix(ces) that permittee is subject to (select all that apply):					
<input type="checkbox"/> Appendix A <input type="checkbox"/> Appendix B <input 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?
Greenwalk Creek	CWF, MF	No	N/A	Yes (est.)	No
Martins Creek	TSF, MF	No	N/A	No	No
Waltz Creek	HQ-CWF, MF	No	N/A	Yes (est.)	No
Unnamed Tributary 63247 to Waltz Creek	HQ-CWF, MF	No	N/A	No	No
Unnamed Tributary 63257 to Martins Creek	TSF, MF	No	N/A	No	No

**GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION**

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

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

MCM	Entity Responsible	Contact Name	Phone
#1 Public Education and Outreach on Storm Water Impacts	Washington Township	Robert Smith	610-588-1524
#2 Public Involvement/Participation	Washington Township	Robert Smith	610-588-1524
#3 Illicit Discharge Detection and Elimination (IDD&E)	Washington Township	Robert Smith	610-588-1524
#4 Construction Site Storm Water Runoff Control	Washington Township	Robert Smith	610-588-1524
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Washington Township	Robert Smith	610-588-1524
#6 Pollution Prevention / Good Housekeeping	Washington Township	Robert Smith	610-588-1524

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

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

1. For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage?  
 Yes     No

2. Date of latest annual review of PEOP: August 18, 2023      Were updates made?     Yes     No

3. What were the plans and goals for public education and outreach for the reporting period?  
  
The goal of this Public Education and Outreach Plan is to put into place a system to provide proper educational material to the people who live, work, and play in Washington Township on the importance of water quality and stormwater runoff.

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

5. Identify specific plans and goals for public education and outreach for the upcoming year:  
  
Continue to implement and update existing education methods; explore new methods and opportunities to reach target audiences.

**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: August 18, 2023      Were updates made?     Yes     No

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

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

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

Yes  No

2. Date of latest annual review of educational materials: August 18, 2023 Were updates made?  Yes  No

3. Do you have a municipal website?  Yes  No (URL: washington-township.com)

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

The municipal website advertises street sweeping and provides access to Township Drainage Plan Ordinance No. 271, Zoning Ordinance, and Township Subdivision and Land Development Ordinance. The municipal website also provides access to a MS4 article.

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:  
The DEP provided brochure "Be Storm Water Smart: Understanding How Storm Water Affects Your Wallet, Safety, Health, and the Environment in Pennsylvania" was made available to residents of the Township at the Municipal Offices, along with a DEP provided "Oil Slick" poster.
5. Identify specific plans for the publication of stormwater materials for the upcoming year:  
Continue the previous program and update the Township website and educational materials when needed. Continue to work closely with local agencies and explore new methods of communication.

**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).

Two additional methods of distributing stormwater educational materials include posters, brochures, and website articles.

**MCM #1 Comments:**

**MCM #2 – PUBLIC INVOLVEMENT/PARTICIPATION**

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

1. For new permittees only, was the PIPP developed and implemented within one year of permit coverage?  
 Yes  No
2. Date of latest annual review of PIPP: August 23, 2023                      Were updates made?     Yes  No

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

1. Was an MS4-related ordinance, SOP, PRP or TMDL Plan developed during the reporting period?  Yes  No
2. If Yes, describe how you advertised the draft document(s) and how you provided opportunities for public review, input and feedback:  
  
N/A
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
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N/A			

**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:      N/A

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.

All public meetings have a public involvement component which solicits input from the audience/public. Also, all reports are currently available to the public at the municipal building upon request.

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.

All public meetings have a public involvement component which solicits input from the audience/public.

**MCM #2 Comments:**

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

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

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

Yes  No

2. Date of latest annual review of IDD&E program: June 22, 2023      Were updates made?  Yes  No

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

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

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

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

2. Date of last update or revision to map(s):      May 8, 2020

3. Total No. of Outfalls in MS4:      14      Total No. of Outfalls Mapped:      14

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

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: N/A

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): May 8, 2020

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

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

1. How many unique outfalls (and if applicable observation points) were screened during the reporting period? 9

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: 44%

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: September 9, 2009: Ordinance 271 - Act 167 Stormwater Management Ordinance

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
N/A			

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.

N/A

**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? Website articles, brochures, and posters.

2. Is there a well-publicized method for employees, businesses and the public to report stormwater pollution incidents?  
 Yes  No

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

**MCM #3 Comments:**

**MCM #4 – CONSTRUCTION SITE STORMWATER RUNOFF CONTROL**

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

Yes  No

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

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

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

Yes  No  Not Applicable (no building permit applications received)



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

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

Yes  No  Not Applicable (no building permit applications received)

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

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

If Yes, indicate the date of the ordinance or SOP: September 9, 2009: Ordinance 271 - Act 167 Stormwater Management Ordinance

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

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

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

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

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

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

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

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

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

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

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

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

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

**MCM #4 Comments:**

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

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

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of post-construction stormwater management (PCSM) BMPs?  Yes  No  
If Yes, indicate the date of the ordinance or SOP: September 9, 2009: Ordinance 271 - Act 167 Stormwater Management Ordinance
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: September 9, 2009: Ordinance 271 - Act 167 Stormwater Management Ordinance
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.  
  
N/A

*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	Country Mews Estates - Rooftop Disconnections		Individual Property Owners	40°50'20"	75°09'31"	2008-2023	Check and clean the gutters and downspouts two times in the year (early spring and late fall).	PAC480104
2	Country Mews Estates - Minimize Soil Compaction		Individual Propety Owners	40°50'20"	75°09'31"	2008-2023	Lawn areas shall be maintained in a mowed condition. Adequate vegetated cover shall be maintained. Standing water or wet spots shall be repaired. Undesirable growth shall be removed. Trash, litter, and other debris shall be collected and removed from vegetated areas. Vegetated areas shall be fertilized as necessary to maintain adequate cover.	PAC480104
3	Country Mews Estates - Landscape Restoration/Reforestation		Individual Property Owners	40°50'20"	75°09'31"	2008-2023	A seasonal mowing or burning may be required, although care must be taken to make sure that any management is coordinated with essential reseeding and other important aspects of meadow	PAC480104

							reestablishment. The owner should consult with landscape architects for the required steps to maintain the meadow area annually and repair for the meadow area.	
4	Country Mews Estates - Vegetated Swales		Individual Property Owners	40°50'20"	75°09'31"	2008-2023	Maintenance of grass swales and lined channels involves maintaining the vegetation and occasionally removing trash. If native vegetation is used instead of groomed turf, vegetation need only be mowed seasonally to retard the growth of woody vegetation. The frequency of trash removal will depend on the location and "attractiveness" of the swale as a disposal site.	PAC480104
5	Country Mews Estates - Level Spreader		Individual Property Owner	40°50'26"	75°09'15"	2008	The area below a level spreader should be inspected for clogging, density of vegetation, damage by foot or vehicular traffic, excessive accumulations, and channelization. Inspections should be made on a quarterly basis for the first two years following	PAC480104

							installation, and then on a semiannual basis thereafter. Inspections should be made after every storm event greater than 1-inch.	
6	Country Mews Estates - SNOUTs		Hester at Washington, LLC	40°50'20"	75°09'31"	2008-2023	It is best to schedule maintenance based on the solids collected in the sump. Optimally, the structure should be cleaned when the sump is half full. To maintain the SNOUT hoods themselves, an annual inspection of the anti-siphon vent and access hatch are recommended.	PAC480104
7	Deer Trac Estates - Infiltration Beds		Individual Property Owners	40°51'29"	75°12'39"	2009-2019	Inspect dry wells at least four times per year, as well as after every storm event exceeding 3 inches.	PAC480044
8	Deer Trac Estates - Vegetated Swales		Individual Property Owners	40°51'29"	75°12'39"	2009-2021	The owner will mow the areas to 8 inches high, once a year, in the fall when conditions permit. The owner shall maintain and periodically check for any erosion problem that may be developing and any damaged areas shall be repaired immediately. Any trash/debris shall be removed from the	PAC480044

							plantings. Annually check for invasive plant species and remove to encourage native plant habitat.	
9	Deer Trac Estates - SNOUTs		Individual Property Owners	40°51'29"	75°12'39"	2009	It is best to schedule maintenance based on the solids collected in the sump. Optimally, the structure should be cleaned when the sump is half full. To maintain the SNOUT hoods themselves, an annual inspection of the anti-siphon vent and access hatch are recommended.	PAC480044
10	Deer Trac Estates - Detention Basin		Indiviual Property Owner	40°51'24"	75°12'38"	2009	The outlet structure shall be kept free of debris at all times. Sediment removal in the forebay shall occur every five to six years or after 50% of total forebay capacity has been lost.	PAC480044
11	Royce Ridge Subdivision - Minimize Soil Compaction		Individual Property Owners	40°50'24"	75°11'21"	2009-2021	Trash/debris shall be removed from plantings immediately. The site shall be checked annually for invasive plant species and removed to encourage a native plant species habitat.	

12	Royce Ridge Subdivision - Re-Vegetate & Re-Forest Disturbed Areas		Individual Property Owners	40°50'24"	75°11'21"	2009-2020	Trees shall be maintained. Dead trees shall be replaced within six months.	
13	Royce Ridge Subdivision - Infiltration Berms		Individual Property Owners	40°50'24"	75°11'21"	2009	Yearly inspect for signs of flow channelization; restore level gradient immediately once deficiencies are observed. Remove accumulated trash and debris.	
14	Royce Ridge Subdivision - Vegetated Swale		Individual Property Owner	40°50'25"	75°11'22"	2009	Swale shall be mowed as necessary to maintain the vegetation to a height of 2 to 6 inches.	
15	Shepherds Hill Lot 13 - Rain Garden		Individual Property Owner	40°51'11"	75°08'24"	2018	Inspect the rain garden after runoff events and make sure that runoff drains down with 72 hours. Inspect rain garden yearly for accumulation of sediment, damage to outlet structure, erosion control measures, signs of water contamination/spills, and slope stability in the berms.	
16	Shepherds Hill Lot 13 - Re- Vegetate & Re-Forest Disturbed Areas		Individual Property Owner	40°51'12"	75°08'21"	2018	Inspect trees yearly until tree canopy forms and shading is adequate to inhibit weed growth. Seasonally mow to	



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

1. During the reporting period have you inspected all qualifying development and redevelopment projects during the construction phase to ensure proper installation of approved structural BMPs?  
 Yes  No  Not Applicable (no qualifying projects during reporting period)
2. Has a tracking system been established and maintained to record results of inspections?  
 Yes  No

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

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

**MCM #5 Comments:**

**MCM #6 – POLLUTION PREVENTION / GOOD HOUSEKEEPING**

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

1. Have you identified all facilities and activities owned and operated by the permittee that have the potential to generate stormwater runoff into the MS4?  Yes  No
2. When was the inventory last reviewed? June 16, 2023
3. When was it last updated? June 16, 2023

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

1. Have you developed a written O&M program for the operations identified in BMP #1?  Yes  No
2. Date of last review or update to written O&M program: June 16, 2023

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

1. Have you developed an employee training program?  Yes  No
2. Date of last review or update to training program: June 16, 2023      Date of latest training: June 16, 2023

3. Training topics covered:

Employees are informally trained on a regular basis on items such as stormwater inlet and outfall cleaning measures as well as proper operation and maintenance of vehicles and equipment. Formal training on the MS4 program was held on June 16, 2023. Reviewed the O&M Manual and the MS4 Storm Sewer Plan.

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

Jeffrey Ott, P.E., Township Engineer

5. Names of training attendees:

Chris Sippel, Craig Hester, Ryan Hester, Tina Cosenza, Bob Smith

**MCM #6 Comments:**

**POLLUTANT CONTROL MEASURES (PCMs)**

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

Task	Date Completed	Attached	Anticipated Completion Date
Storm Sewershed Map(s)		<input type="checkbox"/>	
Source Inventory		<input type="checkbox"/>	
Investigation of Suspected Sources		<input type="checkbox"/>	
Ordinance/SOP for Controlling Animal Wastes		<input type="checkbox"/>	

**PCM Comments:**

**POLLUTANT REDUCTION PLANS (PRPs) AND TMDL PLANS**

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

Type of Plan	Submission Date	DEP Approval Date	Surface Waters Addressed by Plan
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			Chesapeake Bay
<input type="checkbox"/> Impaired Waters PRP (Appendix E)			
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			Chesapeake Bay,
<input checked="" type="checkbox"/> Combined PRP / TMDL Plan	11/25/2019	8/6/2020	Waltz Creek Watershed, Brushy Meadow Creek Watershed

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

Joint Plan Participants:

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

Type of Plan	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			
<input type="checkbox"/> Impaired Waters PRP (Appendix E)			
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			
<input checked="" type="checkbox"/> Combined PRP / TMDL Plan	15,466	N/A	N/A

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: 9/30/2025

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

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

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

If Yes to #4, describe the plan modifications.

N/A

5. Summary of progress achieved during reporting period.

The landowners of the properties where the proposed BMPs are located have been contacted and communication has been established. The Township has begun exploring potential easement options for both proposed BMP options.

6. Anticipated activities for next reporting period.

Prepare preliminary designs for proposed BMP options.

**PRP/TMDL Plan Comments:**

**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?
						o ' "	o ' "				<input type="checkbox"/>
						o ' "	o ' "				<input type="checkbox"/>
						o ' "	o ' "				<input type="checkbox"/>
						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).

Robert Smith, Township Chairman

Name of Responsible Official

610-588-1524

Telephone No.



Signature

9/21/2023

Date