



ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2019 TO JUNE 30, 2020

GENERAL INFORMATION					
Permittee Name:	East Pikeland Township	NPDES Permit No.:	PA130514		
Mailing Address:	P.O. Box 58	Effective Date:	4/1/2020		
City, State, Zip:	Kimberton, PA 19442	Expiration Date:	3/31/2025		
MS4 Contact Person:	Kimberly Moretti	Renewal Due Date:			
Title:	Township Manager	Municipality:	East Pikeland Township		
Phone:	(610) 933-1770	County:	Chester		
Email:	manager@eastpikeland.org				
Co-Permittees (if applicable):					
Appendix(ces) that permittee is subject to (select all that apply):					
<input type="checkbox"/> Appendix A <input checked="" 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?
French Creek (west of Mill Lane to East Vincent Township Line)	EV, MF	NO	N/A	NO	N/A
French Creek (from East Vincent Twsp. to Phoenixville Borough line)	TSF, MF	NO	N/A	NO	N/A
Pickering Creek	HQ, TSF, MF	YES	AG and Siltation	NO	N/A
Stony Run	HQ, TSF, MF	YES	Pathogens, Siltation	NO	N/A
Schuylkill River	WWF, MF	YES	PCBs	YES	YES

GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION			
Have you completed all MCM activities required by the permit for this reporting period? <input type="checkbox"/> Yes <input type="checkbox"/> 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	East Pikeland Township	Kim Moretti	(610) 933-1770
#2 Public Involvement/Participation	East Pikeland Township	Kim Moretti	(610) 933-1770
#3 Illicit Discharge Detection and Elimination (IDD&E)	East Pikeland Township	Kim Moretti	(610) 933-1770
#4 Construction Site Storm Water Runoff Control	Chester Co. Conservation District	Shannon Healy	(610) 925-4920
#5 Post-Construction Storm Water Management in New Development and Redevelopment	East Pikeland Township	Kim Moretti	(610) 933-1770
#6 Pollution Prevention / Good Housekeeping	East Pikeland Township	Kim Moretti	(610) 933-1770

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 2020 Were updates made? Yes No
3. What were the plans and goals for public education and outreach for the reporting period?

Our goal was to reach a wider audience and increase stormwater education outreach on our website (www.eastpikeland.org), in our township newsletter, and at public events. A copy of the revised PEOP is attached to this report.
4. Did the MS4 achieve its goal(s) for the PEOP during the reporting period? Yes No
5. Identify specific plans and goals for public education and outreach for the upcoming year:

The Township's goals relative to Public Education and Outreach are as follows:

- Increase awareness of water quality issues to a larger audience through outreach and educational opportunities. This, in turn, should inspire behavioral change as well as direct participation in various cleanup efforts. We will continue to provide educational articles on a variety of stormwater topics in the township newsletters, on social media and the township website and prepare educational mailings on specific topics for specific property owners and businesses (i.e. properties along waterways, riparian buffers, home owners associations).
- Increase knowledge of water quality hazards associated with illegal discharges and improper disposal of waste.
- Create a better understanding of the link between land use, runoff management, water quality and flood control.
- Promote awareness of the storm sewer system as an essential component of the municipal infrastructure, and how households and businesses must eliminate pollutants from that system.
- Provide the public with resources that are easily accessible through the Township website, newsletters and educational materials available at the township building.
- Increased involvement of the Township's Environmental Advisory Council in the educational process through educational programs on stormwater topics, either through public events or articles in the township newsletter: Educational topics to include: runoff mitigation/stormwater education, rain barrels - how to use, where to obtain, and rain gardens (identifying possible properties for rain garden installation with educational programming).

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 2020. Were updates made? Yes No
Revised PEOP is attached to this report.

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: August 2020 Were updates made? Yes No
3. Do you have a municipal website? Yes No (URL: www.eastpikeland.org)

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

The website has a Stormwater Management page that provides access to a wide variety of stormwater information including the following subsections: Federal, State and County links; Homeowner's Information; educational links; Rain Gardens; Riparian Buffer Protection; Stormwater Management Ordinance; How to manage Swimming Pool Water; What does the Township do to manage stormwater and the annual MS4 reports sent to DEP. The website is updated with new links and educational materials as they are identified and deemed appropriate.

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:
Since 2003 the township has included stormwater educational articles in the each newsletter that is mailed to each household and business in the township. We attempt to provide a variety of articles to keep the topic fresh.

Stormwater related information is posted on the Township's Facebook page throughout the year.

During the course of this reporting year there were different articles included in the township newsletters. Copies of articles used during this reporting period are attached and listed in the revised PEOP.

The township's Environmental Advisory Committee staffed a table at the annual community fair in July 2019 to distribute educational materials to the general public. The table included posters about EAC activities and Stormwater.

Stormwater related issues are discussed regularly at township meetings.

Stormwater materials are placed on bulletin boards in the township building, at the township park and in kiosks along the township trail.

Educational materials are included with all issued building permits.

5. Identify specific plans for the publication of stormwater materials for the upcoming year:
The township will continue to utilize existing methods of distributing information, including newsletters, bulletin boards, website and the Facebook page. Staff and volunteers will continue to attend public events and provide stormwater information. We will send a targeted mailing to businesses most likely to have significant stormwater impacts.

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).

East Pikeland Township will work with Green Valleys Association to create educational materials for distribution to the general public on both social media, website and through the newsletter.

The volunteer EAC will have more of an active role in the MS4 program, specifically relative to MCM #1 and #2.

MCM #1 Comments:

During the last three years there has been record rainfall in SE PA. It has served as a good opportunity to spread the message about the importance of stormwater management, specifically with property owners calling to complain about stormwater problems. The staff has been trained in how to address these complaints and we use it as an opportunity to educate callers, one on one, about what they can do to manage stormwater problems.

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 2020 Were updates made? Yes No

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

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

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

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

Ordinance / SOP / Plan Name	Date of Public Notice	Date of Public Hearing	Date Enacted or Submitted to DEP
Pollutant Reduction Plan for Stony Run	6/24/2019	7/2/2019	8/8/2019

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

1. At least one public meeting or other MS4 event must be held during the 5-year permit coverage period to solicit participation and feedback from target audience groups. Was this meeting or event held during the reporting period?
- Yes No If Yes, Date of Meeting or Event:

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

The township's volunteer Environmental Advisory Council participated in public events to share educational information on stormwater topics, including the Kimberton Fair July 22-27, 2019. Unfortunately, the COVID pandemic caused the cancellation of other public events that would have provided an opportunity for table-top educational displays this reporting year.

The Township will upload the annual MS4 reports to the website for viewing by the public.

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.

French Creek bi-annual clean-up events held each Spring and Fall where members of the public participate in litter clean-up and removal of invasive plants/trees along the French Creek. Dates of clean-ups during this reporting period were: 11/2/19 and 3/7/2020. The November 2019 clean-up involved 35 volunteers. March 2020 had over 50 volunteer participants.

The annual roadside clean-up near the Stony Run was cancelled in the Spring of 2020 due to the COVID pandemic.

MCM #2 Comments:

Public input is sought at public meetings - both Planning Commission and Board of Supervisors - when land development projects are discussed. Throughout the year the Township Manager at public Board of Supervisors meetings presents a summary of the progress that has been made in implementing the stormwater management plan, including recently installed BMPs, permitting updates and stormwater complaints received by township property owners.

Volunteer opportunities can be found in the township newsletters and on the township website.

Additional efforts will be made moving forward to gain the public's help to reporting instances of illicit discharge and illegal connections to the stormwater system by including specific educational information on this topic in educational outreach materials.

Township staff meet with property owners to assist in resolving stormwater problems on their private properties. Staff will offer advice, provide contact information for consultants, and use these opportunities to educate property owners about good stormwater management practices.

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: _____ 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): 04/08/2019

3. Total No. of Outfalls in MS4: 110 Total No. of Outfalls Mapped: 110

4. Total No. of Observation Points: 1 Total No. of Observation Points Mapped: 1

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): 04/08/2019

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? 76

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

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

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

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

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

Yes No

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

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

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

If Yes, indicate the date of the ordinance or SOP: Ordinance #160; enacted 3/12/14

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
01/21/2020	Road salt stored in commercial parking lot near stormdrain that drains to French Creek.	Property Owner	Property owner contacted. DEP notified. Owner moved salt pile.
03/16/2020	Swimming pool water discharged directly into stormdrain	Swimming pool owner	Public Works Director conducted site visit and notified contractor to cease discharge into stormdrain and directed him to disperse water on lawn. 7
8/29/19 5/6/20	Failure to implement and maintain effective E&S BMPs	Toll Brothers and their sub-contractors	Chester County Conservation District issued NPDES enforcement notices on these occasions (see attached report).

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? Educational materials identified in MCM 1 and 2 apply here. Additionally, IDD&E was discussed with Public Works Department staff during annual stormwater training. An IDD&E flow chart was also distributed and discussed at this time.

The Township's website provides a link to an IDD&E complaint form.

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: Ordinance No. 160, enacted 3/12/14

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: 59 Grading permits were reviewed and approved 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: N/A

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:

N/A

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:

A spreadsheet tracking all private property BMPs is included in report. These BMPs require the property owner to sign an Operations & Maintenance Agreement which is a recorded document. Educational information on how to maintain specific BMPs will be sent to property owners during Year 18.

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: 3/12/14
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: Existing stormwater ordinance No. 160, enacted 3/12/14
2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? Yes No
3. If Yes to #2 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

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

1. Do you have an inventory of all PCSM BMPs that were installed to meet requirements in NPDES Permits for Stormwater Discharges Associated with Construction Activities approved since March 10, 2003? Yes No
If Yes to #1, complete Table 1 on the next page.
2. Has proper O&M occurred during the reporting period for all PCSM BMPs? Yes No
3. If No to #2, explain what action(s) the permittee has taken or plans to take to ensure proper O&M.

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

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

1. Specify the number of PCSM Plans reviewed during the reporting period for projects disturbing greater than or equal to one acre (including projects less than one acre that are part of a larger common plan of development or sale): 59
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				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 ' "			
10				o ' "	o ' "			
11				o ' "	o ' "			
12				o ' "	o ' "			
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:

Relative to BMP #2 above - While the township's Zoning Ordinance and Stormwater Ordinance (No. 160) do have some provisions addressing low impact development, the township's Planning Commission is currently working on additional sustainable development provisions to be incorporated into the zoning and/or land development ordinances. This has been a topic of discussion for a couple of years and our plan is to enact an ordinance in early 2021.

In addition to the above reported activities, the township also sends a bi-annual mailing to homeowner's associations. The mailing includes a Stormwater Facilities Annual Inspection Checklist and educational materials - such as the PA Environmental Council article on Maintaining Stormwater Basins on your Property. The HOAs are strongly encouraged to regularly inspect their facilities and report the results back to the township via the checklist.

Additionally, the township engineer conducted inspections of commercial BMPs in the township. Inspection reports are attached.

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? Spring 2019. New facilities are added as they are identified.
3. When was it last updated? Maps last updated with additional facilities in April, 2019 (attached)

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: Updated 6/24/19.

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: 6/24/19 Date of latest training: 12/11/19

3. Training topics covered:

In-House training included the following topics:

- What is MS4
- What is a watershed
- Good Housekeeping for Public Works
- Best Management Practices
- Identifying Outfalls
- How to conduct an Outfall Inspection
- Review of township manual entitled: Operation, Maintenance, Inspection and Repair Program for All Municipally Owned Stormwater Facilities and Vehicles (updated June 2019)

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

Kim Moretti, Township Manager presented in-house program.

5. Names of training attendees:

Public Works Department:

Al Cushman, Director of Public Works

Public Works laborers - Jay Pollinger, Gene Bechtel, Michael Scahill

MCM #6 Comments:

Many training opportunities are provided through State and Local programs. A spreadsheet providing details on those training programs is attached.

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)	4/8/19	<input checked="" type="checkbox"/>	
Source Inventory		<input type="checkbox"/>	
Investigation of Suspected Sources		<input type="checkbox"/>	
Ordinance/SOP for Controlling Animal Wastes	N/A	<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)	8/8/19	3/31/2020	Stony Run
<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			

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 checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)	16,487.02 lbs/yr	n/a	n/a
<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: 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.

5. Summary of progress achieved during reporting period.

- The Township worked through Year 17 Protocol to address Minimum Control Measure requirements.
- Continued to improve public education material on website, in newsletter and on social media.
- Outreach to Homeowner's Associations for stormwater facility inspection reports.
- Created BMP inspection form for use by township engineer when inspecting commercial BMPs
- Township engineer conducted inspections of commercial PCSM BMPs.
- Conducted 76 outfall screenings and updated electronic file to track information
- Investigated grant opportunities to finance Stony Run PRP BMPs.

6. Anticipated activities for next reporting period.

In addition to the Year 18 Protocol (attached) the township has set the following goals for the next year of the permit:

- Apply for grants to help fund PRP goals.
- Install BMPs in compliance with PRP for Stony Run Watershed.
- Educate and enforce operations and maintenance requirements for individual BMPs on privately owned properties.
- Continue to improve MS4 inventory spreadsheet and map.

PRP/TMDL Plan Comments:

Tables 2 and 3 will be completed as the PRP is implemented with new BMPs.

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).

Kimberly Moretti

Name of Responsible Official

610-933-1770

Telephone No.

Signature

09/30/2020

Date