



ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2018 TO JUNE 30, 2019

GENERAL INFORMATION					
Permittee Name:	East Pikeland Township	NPDES Permit No.:	PA130514		
Mailing Address:	P.O. Box 58	Effective Date:	01/15/2004		
City, State, Zip:	Kimberton, PA 19442	Expiration Date:	03/09/2008		
MS4 Contact Person:	Kimberly Moretti	Renewal Due Date:	009/27/2017		
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

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: July 2017 Were updates made? Yes No

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

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

Yes No

2. Date of latest annual review of educational materials: July 2019 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?

An entire section of the township website is devoted to Stormwater Management. Subsections include:

- Federal
- State
- County
- Links for Additional Information
- Homeowner's Information
- Stormwater - Just for Kids (includes educational links)
- Rain Gardens
- Riparian Buffer Protection
- Stormwater Management Ordinance
- How to manage Swimming Pool Water.
- What can you do?
- What does the Township do?

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 periodic newsletters that are mailed to each household. We attempt to provide a variety of articles to keep the topic fresh.

During the course of this reporting year there were ten different articles included in the quarterly township news magazine. Copies of articles used during this reporting period are attached.

The township's Environmental Advisory Committee staffed a table at the annual community fair in July. The table included posters about EAC activities and Stormwater.

5. Identify specific plans for the publication of stormwater materials for the upcoming year:
- Continue to include public education articles in township newsletters.
 - Continue to attend public events and provide stormwater information at EAC tables.
 - 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).

- The EAC will be more active in displaying posters and providing handouts (book marks) at community events.
- A mailing will be sent to property owners adjacent to a waterway to educate them on caring for their streambank property.
- Social Media will be utilized more (Township's FaceBook page) to provide information on the importance of stormwater management.

MCM #1 Comments:

Since the last two years have seen record rainfall in SE PA, it is a good opportunity to spread the message about the importance of stormwater management. During the spring and summer months we were flooded (pun intended) with phone calls and complaints from residents about stormwater. This gives staff an opportunity to educate callers, one on one, about what they can do to control stormwater problems.

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: Rain Garden Planting project on October 21, 2017 and
Tree Planting event on April 27, 2019

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: Kimberton Park "birthday party" on 6/16/18; Kimberton Fair July 23-28, 2018; and Kimberton Fair July 22-27, 2019.

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.

Public participation event held on April 27, 2019 where 200 trees were planted within the riparian buffer along the French Creek. Over 20 volunteers participated.

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: 11/3/18 and 3/16/19. During the March 16 clean-up over 100 bags of trash and debris were collected.

Roadside clean-up near the Stony Run was held on April 25, 2019 with over 250 pounds of trash picked up.

MCM #2 Comments:

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.

The township will continue to present stormwater information at public (Board of Supervisors) meetings at least one time each year. Topics to include, but are not limited to, homeowner guidance to prevent stormwater pollution, rain gardens, and identifying and reporting illicit discharge.

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? 37

2. Indicate the percentage of all outfalls screened in the past five years. 33%

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
6/1/18	Dam breach in in-stream pond	Property owner	DEP Contacted
9/10/18	Swimming pool discharge into stormdrain	property owner	Letter and educational information on how to properly discharge swimming pool water was sent to property owner. No citation issued.
8/13/18, 10/16/18, 4/24/19, 5/29/19	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? 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:

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.

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: N/A

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: N/A

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:

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): 89
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 Stormwater Ordinance (No. 160) does have some provisions addressing low impact development, the township's Planning Commission is currently working on adding sustainable development provisions, i.e. Low Impact Development, to the zoning and/or land development ordinances. This is a priority project for 2020.

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.

During reporting Year 17 the township will develop and distribute a PCSM educational mailing to owners of individual on-lot BMP facilities and provide information to them on self-inspections.

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? Fieldwork to gather additional information in the fall of 2018.
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: June 2019 (Year 16 Activity report attached). Plan to be reviewed annually and modified as needed.

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: In-house training last held July 2018. Date of latest training: See MCM #6 Comments below for training program participation.

3. Training topics covered:

In-House training includes review of township manual entitled: Operation, Maintenance, Inspection and Repair Program for All Municipally Owned Stormwater Facilities and Vehicles (July 2018). Manual updated in June 2019 and will be utilized for additional department training during the year 17 reporting period.

In-house training included discussion on Good Housekeeping measures for the Public Works Department and township-owned facilities.

Additional training opportunities attended by township staff is listed below in MCM#6 Comments.

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

Kim Moretti, Township Manager presented in-house program.
Other programs listed below in MCM#6 Comments.

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.
Training/education programs that township staff participated in during this reporting period include:

Township Manager Attended:

2018 Chester County Municipal Stormwater Summit (Chester Co. Water Resources Authority) - 9/14/18
2018 Pennsylvania Stormwater Conference (PSATS) - 11/16/18
Managing Stormwater-Best Management Practices & Green Infrastructure (breakout session at 2019 Chester County Assoc. of Township Officials Spring Convention) - 3/7/19
MS4 Pollutant Control Measures (PSATS Webinar) - 6/26/19

Public Works Department Staff Attended:

Stormwater Management Facilities Operation and Maintenance (LTAP Road Scholar program) - 11/12/18
MS4 Presentation (EB Walsh & Assoc presented at Delchester Public Works Assoc. meeting) - 6/18/19

In June 2019 the Operation, Maintenance, Inspection and Repair Program Manual for the township's Public Works Department was revised to include a section on Illicit Discharge, including guidance for identifying illicit discharge, eliminating illicit discharge, and inspecting outfalls. A copy of the revised document is enclosed. It will be used for re-training public works employees prior to outfall inspections during Year 17.

Rain Garden at township park that was installed in 2017 was maintained by township's Park & Recreation volunteers based on training provided by a Master Gardener, as certified through the Penn State Extension program.

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)	10/29/18	<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		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: 5 years - pending PRP approval

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 16 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
- Conducted analysis of Stony Run Watershed in order to update outfalls and stormwater facilities maps.
- Revised PRP for Stony Run and re-submitted to DEP for review and approval.
- Calculated load reductions for Stony Run PRP.
- Identified potential BMPs for Stony Run PRP.
- Investigated grant opportunities to pay for Stony Run PRP BMPs.

6. Anticipated activities for next reporting period.

Year 17 Protocol has been developed and is attached.

Within the next permit cycle we have the following goals:

- After DEP approval of the Pollutant Reduction Plan for the Stony Run, the township plans to apply for grants to alleviate the cost of installing BMPs detailed in the plan.
- Install BMPs in compliance with PRP for Stony Run Watershed.
- Educate and enforce operations and maintenance requirements for individual BMPs on privately owned properties.
-

PRP/TMDL Plan Comments:

Tables 2 & 3 to be completed pending DEP approval of PRP Plan.

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

09/30/2019

Date