



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

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

GENERAL INFORMATION			
Permittee Name:	Peters Township	NPDES Permit No.:	PAI136134
Mailing Address:	610 E. McMurray Road	Effective Date:	December 1, 2018
City, State, Zip:	McMurray, PA 15317	Expiration Date:	November 30, 2023
MS4 Contact Person:	Mark Zemaitis, P.E.	Renewal Due Date:	May 30, 2023
Title:	Township Engineer	Municipality:	Peters Township
Phone:	724-941-4180	County:	Washington
Email:	MAZemaitis@peterstownship.com		
Co-Permittees (if applicable): None			

Appendix(ces) that permittee is subject to (select all that apply):

- Appendix A  
  Appendix B  
  Appendix C  
  Appendix D  
  Appendix E  
  Appendix F

WATER QUALITY INFORMATION
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Are there any discharges to waters within the Chesapeake Bay Watershed?     Yes     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?
Little Chartiers Creek / Canonsburg Lake	HQ-WWF	Yes	Nutrients	No	No
Chartiers Creek	WWF	Yes	Metals, PCB, suspended solids, organic enrichment / low D.O., siltation, TDS, turbidity	Yes	No
Peters Creek	TSF	Yes	Metals, pathogens, nutrients	Yes	No
UNT to Chartiers Creek	WWF	Yes	Nutrients, flow alterations, other habitat alterations	Yes	No
Brush Run (Washington)	WWF	Yes	Nutrients, organic enrichment / low D.O., siltation, suspended solids, turbidity	Yes	Yes
Piney Fork	WWF	Yes	Metals, pathogens, nutrients	No	No

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


**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	Peters Township	Mark Zemaitis	7249414180
#2 Public Involvement/Participation	Peters Township	Mark Zemaitis	7249414180
#3 Illicit Discharge Detection and Elimination (IDD&E)	Peters Township	Mark Zemaitis	7249414180
#4 Construction Site Storm Water Runoff Control	Peters Township	Mark Zemaitis	7249414180
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Peters Township	Mark Zemaitis	7249414180
#6 Pollution Prevention / Good Housekeeping	Peters Township	Mark Zemaitis	7249414180

**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: 12/4/2019 Were updates made?  Yes  No

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

Update the target audiences list; provide educational materials related to stormwater management on the Twp website and at community events (both cancelled in 2020 due to Covid); distribute educational materials to target audiences.

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:

Update target audience list when necessary; provide educational materials related to stormwater management on the Twp website and at community events; distribute educational outreach to target audiences related to our TMDLs for sediment and phosphorus; letter to builders/developers about concrete truck washout areas.

**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: 3/4/2020 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: 2/17/2020 Were updates made?  Yes  No

3. Do you have a municipal website?  Yes  No (URL:  
www.peterstownship.com)



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

<b>Ordinance / SOP / Plan Name</b>	<b>Date of Public Notice</b>	<b>Date of Public Hearing</b>	<b>Date Enacted or Submitted to DEP</b>

**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.

Due to Covid-19, the annual Clean Up Day (4/25/2020) and Community Day (6/27/2020) and coordination for these events were cancelled.

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.

Due to Covid-19, the annual Clean Up Day (4/25/2020) and Community Day (6/27/2020) and coordination for these events were cancelled.

**MCM #2 Comments:**

Due to disruptions and cancellations related to Covid-19, some items were not completed as intended during this permit year. The plan is to get fully back on track during the next permit year.

**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: 12/4/2019      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):    March 2020

3. Total No. of Outfalls in MS4:    373                      Total No. of Outfalls Mapped:    373

4. Total No. of Observation Points:    0                      Total No. of Observation Points Mapped:    0

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): March 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? 48

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: 45.8%

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: May 2011 (Ordinance No. 731)

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
5/12/2020	Alleged discharge of motor oil to roadway inlets	Resident at 313 Squire Lane	Written letter warning to resident notifying that any further issues will result in enforcement actions.

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? Township website: resident tips & advice (washing your car, fertilizing your lawn, cleaning up pet waste, building a rain garden, swimming pool care, cars leaking oil, winter salt usage); stormwater educational materials (homeowner's guide to stormwater, homeowner's guide to cleanwater, citizen's guide to stormwater, green infrastructure, when it rains it drains, stormwater pollution, effects of stormwater pollution on our water, MS4 permit info on MCMs). InCommunity Magazine: "Winter Salt Usage" article in Feb/March '20 issue; "Dumping Near Streams" article in June/July '20 issue.

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:**

We were only able to screen 48/75 planned outfalls prior to end of permit year on 6/30/20, but have screened 100% of all outfalls over the past five years. Intend to complete 102 outfall screenings to catch up prior to end of next permit year on 6/30/21.

**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: May 2011 (Ordinance No. 731)

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: May 2011 (Ordinance No. 731)

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: May 2011 (Ordinance No. 731); 12/9/2013 (Comprehensive Plan) - link to plan on Twp website - [www.ecode360.com/documents/pub/PE3557/Comprehensive\\_plans](http://www.ecode360.com/documents/pub/PE3557/Comprehensive_plans)

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.

Township annually contracts out detention pond rehabilitations, typically 4-5 per year. Due to budget issues related to Covid-19, no ponds were contractually rehabbed in 2020. A plan was developed and implemented in 2019 for Public Works to perform annual, routine maintenance of Township-owned BMPs.

*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				0 1 "	0 1 "			
2				0 1 "	0 1 "			
3				0 1 "	0 1 "			
4				0 1 "	0 1 "			
5				0 1 "	0 1 "			
6				0 1 "	0 1 "			
7				0 1 "	0 1 "			
8				0 1 "	0 1 "			
9				0 1 "	0 1 "			
10				0 1 "	0 1 "			
11				0 1 "	0 1 "			
12				0 1 "	0 1 "			
13				0 1 "	0 1 "			
14				0 1 "	0 1 "			
15				0 1 "	0 1 "			
16				0 1 "	0 1 "			

**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:**

BMP #1 - Question #2 & BMP #2 - Question 2: The Township's stormwater management ordinance is consistent with Washington County's Act 167 plan.  
An updated PCSM BMP Inventory table is provided on a separate 11x17 attachment.

**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? 12/4/2019
3. When was it last updated? November 2018

**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: 12/6/2019

**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: 12/4/2019 Date of latest training: 9/13/19 & 3/4/20

3. Training topics covered:

1. Public Works & Parks: Management of spills and leaks; washing & fueling of vehicles & equipment; material storage, loading & unloading
2. Public Works (select personnel): Engineering department purchased new tablets for GIS stormwater mapping purposes. Several PW employees were trained in using the GIS mapping applications.

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

1. Spills, fueling, storage, etc. - Jason DiLoreto (Asst. Twp. Engr.)
2. Tablets - Vinh Ly (GIS Coordinator)

5. Names of training attendees:

1. Public Works & Parks Departments: Jared Scott, Ron Sweeney, Grant Loether, Kevin Cushey, Ed Rogan, James Bandi, Jonathan Filippi, Floyd White, Austin Darkowski, Greg Lugar, Rob Wilkes, Michael Colombo, Carmine Carrier, Troy Musser, Tom Shearer, Tracy Lawrence, Jay McCoy, Ron Fletcher, John Agostinella, John Mizia
2. Public Works Department: Joe Hursen, John Agostinella, Jared Scott, Jim Bandi, Kevin Cushey

**MCM #6 Comments:**

Due to disruptions and cancellations related to Covid-19, training sessions with the police and fire departments did not occur prior to the end of the permit year on 6/30/2020, but will resume during the current permit year.

**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)	In Progress	<input type="checkbox"/>	September 30, 2021
Source Inventory		<input type="checkbox"/>	September 30, 2021
Investigation of Suspected Sources		<input type="checkbox"/>	September 30, 2022
Ordinance/SOP for Controlling Animal Wastes	February 23, 1998	<input checked="" 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 checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)	5/3/2018	11/14/2018	Little Chartiers Creek, Middle Chartiers Creek, Peters Creek / Piney Fork
<input checked="" type="checkbox"/> TMDL Plan (Appendix F)	9/8/2017	11/14/2018	Brush Run

<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)	96,402.74	30.44	0
<input checked="" type="checkbox"/> TMDL Plan (Appendix F)	175,384	200.2	0
<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: 11/30/2023

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.

PRP Plan: A stream restoration / relocation project was completed in the Middle Chartiers Creek watershed as part of the Rolling Hills Transportation Improvements project. The stream work was authorized under Joint Permit E63052-730 and includes the construction of 1,000 linear feet of engineered stream restoration along with the removal of an existing 540 foot long stream enclosure. Work was completed in August of 2020 and will be monitored as part of the Permit Conditions for a five (5) year period. The Stream Relocation Plans and other pertinent information are enclosed with this Annual Report.

TMDL Plan: In accordance with our approved TMDL Plan for the Brush Run watershed, a pollutant reduction project has been designed by our consultant, Resource Environmental Solutions, Inc. The project consists of 1,436 linear feet of Stream Restoration and 1.46 acres of Wetland Restoration on the Briarcliff Open Space parcel owned by Peters Township. Application for a Joint Permit to construct this project was submitted to PaDEP SWRO in August 2020. Concurrent with the Joint Permit Application, a TMDL Plan Amendment was sent to the Clean Water Division of SWRO detailing the project and the pollutant reduction calculations. A copy of this TMDL Plan Amendment is enclosed with this Annual Report.

6. Anticipated activities for next reporting period.

Brush Run TMDL Actions for 2021-2022:

- Acquire joint permit from PaDEP SW Regional Office (2021)
- Research & apply for grants to assist with construction (2021)
- Begin construction of the Briarcliff Pollutant Reduction Project (2022)

**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)
PR1	Rolling Hills Stream Restoration / Relocation	170	na	1,000	L.F.	40°16'28"	80°06'02"	August 2020	<input checked="" type="checkbox"/>	<input type="checkbox"/>	44,880
						° ' "	° ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						° ' "	° ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						° ' "	° ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						° ' "	° ' "		<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?
						° ' "	° ' "				<input type="checkbox"/>
						° ' "	° ' "				<input type="checkbox"/>
						° ' "	° ' "				<input type="checkbox"/>
						° ' "	° ' "				<input type="checkbox"/>
						° ' "	° ' "				<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).

Mark A. Zemaitis, P.E.

\_\_\_\_\_  
Name of Responsible Official

724-941-4180

\_\_\_\_\_  
Telephone No.



\_\_\_\_\_  
Signature

September 28, 2020

\_\_\_\_\_  
Date

