

PETERS TOWNSHIP
WASHINGTON COUNTY

Paul F. Lauer, Manager
Ryan Jeroski, Assistant Township Manager
Kyle Thauvette, Assistant Township Manager



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CERTIFIED MAIL

September 29, 2022

Mr. Harris Mahmud
Pennsylvania Dept. of Environmental Protection
Southwest Regional Office
Clean Water Program
400 Waterfront Drive
Pittsburgh, PA 15222-4745

**RE: Annual Municipal Separate Storm Sewer System (MS4) Status Report
Period from: July 1, 2021 to June 30, 2022
Peters Township, Washington County**

Dear Mr. Mahmud:

Enclosed please find one copy of the completed Annual Municipal Separate Storm Sewer System (MS4) Status Report for Peters Township in Washington County for the period from July 1, 2021 to June 30, 2022. Also enclosed is one copy of each of the following: updated PCSM BMP Inventory spreadsheet (11"x17"); summary of PRP/TMDL progress achieved during reporting period.

If you have any questions or require additional information, please call.

Sincerely,
PETERS TOWNSHIP

Mark A. Zemaitis, P.E.
Director of Engineering

Jason R. DiLoreto, E.I.T.
Assistant Engineer

Enclosures

cc: Paul F. Lauer, Township Manager



ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2021 TO JUNE 30, 2022

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):					
<input checked="" type="checkbox"/> Appendix A <input checked="" type="checkbox"/> Appendix B <input checked="" type="checkbox"/> Appendix C <input type="checkbox"/> Appendix D <input checked="" type="checkbox"/> Appendix E <input checked="" 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?
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.

- For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage?
 Yes No
- Date of latest annual review of PEOP: 9/29/2021 Were updates made? Yes No
- 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; distribute educational materials to target audiences.
- Did the MS4 achieve its goal(s) for the PEOP during the reporting period? Yes No
- Identify specific plans and goals for public education and outreach for the upcoming year:
Update target audience list as needed; 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.

BMP #2: Develop and maintain lists of target audience groups present within the areas served by your MS4.

- For new permittees only, have the target audience lists been developed and implemented within the first year of permit coverage?
 Yes No
- Date of latest annual review of target audience lists: 5/18/2022 Were updates made? Yes No

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

- 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
- Date of latest annual review of educational materials: 9/29/2021 Were updates made? Yes No

3. Do you have a municipal website? Yes No (URL:
www.peterstownship.com/MS4-Permit)

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

Mission statement; Township's PRP/TMDL plan; important links (PaDEP, EPA, WCCD, SPC Water Resource Center); resident tips & advice (building a rain garden, cars leaking oil, cleaning up pet waste, fertilizing your lawn, swimming pool care, washing your car, winter salt usage); stormwater educational materials (citizen's guide to stormwater, effects of stormwater pollution on our water, green infrastructure, homeowner's guide to clean water, homeowner's guide to stormwater, MS4 permit info on MCMs, stormwater pollution, when it rains it drains, concrete washout at construction sites); copies of annual MS4 progress reports.

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:
Multiple stormwater related flyers distributed by EQB at annual Clean Up Day (4/23/22). Poster board on stormwater pollution solutions & multiple stormwater related flyers on display & distributed by EQB at their Community Day booth (6/25/22). Published articles on winter salt usage (Feb/Mar '22) and dumping near streams (Jun/July '22) in In-Community Magazine which is distributed to all Township residents & businesses.
5. Identify specific plans for the publication of stormwater materials for the upcoming year:
Work with the Peters Twp School District and Environmental Quality Board to distribute stormwater related information materials to students and parents and at community events. Add relevant links and information to the Township's MS4 website page when appropriate. Distribute TMDL related materials to TAG list.

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).

1. In-Community Magazine - Dec '21/Jan '22 issue - article on Winter Salt Usage; June/July 2022 issue - article on Dumping Near Streams
2. "Homeowner's Guide to Stormwater" educational pamphlets have been on display & available to the public in the front receptionist area since January 2016.

MCM #1 Comments:

MCM #2 – PUBLIC INVOLVEMENT/PARTICIPATION

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

1. For new permittees only, was the PIPP developed and implemented within one year of permit coverage?
 Yes No
2. Date of latest annual review of PIPP: 10/26/2021 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

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.

Engineering Department coordinates with the Environmental Quality Board to distribute stormwater pollution related flyers & materials at annual Clean Up Day (4/23/22) and Community Day (6/25/22) events.

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.

EQB distributed multiple stormwater pollution related flyers at Clean Up Day event (4/23/22). EQB had a booth with a 'stormwater pollution solutions' poster board on display & distributed multiple stormwater related flyers at Community Day event (6/25/22) at Peterswood Park.

MCM #2 Comments:

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

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

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

Yes No

2. Date of latest annual review of IDD&E program: 10/26/2021 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): Comprehensive update March 2020; ongoing updates when necessary

3. Total No. of Outfalls in MS4: 427 Total No. of Outfalls Mapped: 427

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): Comprehensive update March 2020; ongoing updates when necessary

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? 103

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: 49.5%

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

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, concrete washout at construction sites, MS4 permit info on MCMs). Township employees (material varies by department): information on the Twp's MS4 permit and how it may pertain to their specific position. InCommunity Magazine: "Winter Salt Usage" article in Dec '21/Jan '22 issue; "Dumping Near Streams" article in June/July '22 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:

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

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. A plan was both developed and implemented in 2019 for Public Works to perform annual mowing & routine maintenance at 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	See 11"x17" attachment 'PCSM BMP Inventory'			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? 9/10/2021
3. When was it last updated? 1/18/2019

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: 9/10/2021

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: 9/10/2021 Date of latest training: 6/2 & 6/3/22

3. Training topics covered:

1. Administration, Engineering, Planning, Parks & Rec employees: General info on our MS4 Permit & the 6 MCMs
2. Police & Fire Departments: General info on our MS4 Permit & Accident Cleanup Protocol
3. Public Works & Parks Departments: Spill Management & Concrete Truck Washout Protocol

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

Jason DiLoreto, Assistant Township Engineer

5. Names of training attendees:

1. Admin, Engr, Planning, Library, Parks & Rec: Paul Lauer, Ryan Jeroski, Tom Gromek, Beth Russell, Cheryl Mushala, Linda Coyle, Wendy Klima, Ed Zuk, Seth Koons, Kristin Hullihen, Rebecca Tomlin, Jeff Wilmot, Margaret Fisher, Michele Harmel, Lisa Morris, Kristen Martin, Lacey Love, Illyanna Logan, Becky Goodwin-Sopko, Vinh Ly, Mark Zemaitis
2. Police: Gerald Maloni, Judd Emery, Evan Caruso, Austin Kline, James Stevick, Mary Saniga, Kelly Recker, Michael Delre, John Bruce, Jay Davis, Spencer Scott, Mallory Jarzynka, Edward Walker, Jason Brunetti, Pat Mazzotta, Frank Marko, Conor Wohlfarth, Andy Greene, Doug Grimes, Mark Madey, David Scarpone, Joseph Glover, Gary Orosz, Richard Bonczell, Jennifer Ford, Nicole Merrick
2. Fire: Tim Frazier, Brandon Schmidt, Cody Gump, Edward Abbott, John Millikin, Nicholas Nye, Chris Chiprich, Michael Norkus, Zachary Busar, Timothy Leidl, Craig DeRoss, Dan Grossman, Christopher Barton, Kevin Wolford, David Caputo, Joseph Wasik
3. Public Works & Parks: Troy Musser, James Bandi, Austin Darkowski, Chuck White, Ed Rogan, Mike Colonball, Austin Henday, Ryan Navoney, Carmine Carrier, Kevin Cushey, Tracy Lawrence, Grant Loether, Lucas Poljak, Garrett Loeffert, Jay Mizia, Joe Hursen, Jared Scott, Mike Turner, Mike Colembani, Liam McLue, Alex Casciato, Zac Bublak, David Meek, Rob Wilkes

MCM #6 Comments:

POLLUTANT CONTROL MEASURES (PCMs)

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

Task	Date Completed	Attached	Anticipated Completion Date
Storm Sewershed Map(s)	In Progress	<input type="checkbox"/>	September 30, 2023
Source Inventory	In Progress	<input type="checkbox"/>	September 30, 2023
Investigation of Suspected Sources		<input type="checkbox"/>	September 30, 2024
Ordinance/SOP for Controlling Animal Wastes	February 23, 1998	<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 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 Amendment #1 approved 7/14/2022	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)	372,691	313.1	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.

The Township's TMDL plan was amended to include project-specific pollutant removal calculations for the 'Briarcliff Floodplain Restoration / Pollutant Removal' project. The amendment was prepared in Sept 2020, revised in August 2021, and approved by the Department on July 14, 2022.

5. Summary of progress achieved during reporting period.

See below and attachment for additional information:

PRP Plan - 2022 Update: The Township's consultant, Herbert Roland & Grubic (HRG) completed 'Mitigation Monitoring Report #1' in November 2021 and 'Mitigation Monitoring Report #2' in June 2022. These Reports were forwarded to the Department's Waterways and Wetlands Division upon completion.

TMDL Plan - 2022 Update: Water Obstruction & Encroachment Permit issued by PaDEP on March 31, 2022. Nationwide Permit No. 27 issued by USACOE on August 17, 2022. TMDL Plan Amendment approval issued by PaDEP Clean Water Program on July 14, 2022.

6. Anticipated activities for next reporting period.

Brush Run TMDL Actions for 2022-2024:

- Acquire grant assistance (2023)
- Prepare documents for public bid (2023)
- Begin construction of the Briarcliff Pollutant Reduction Project (2024)

Peters Township is seeking \$500,000 from the PA DCED's Local Share Account (LSA) for the construction costs associated with the Briarcliff project. Total Project Cost is estimated to be approximately \$750,000. Peters is matching the remaining cost of construction, as well as absorbing the entire cost of the design of the Briarcliff project, which is approximately \$80,000. Tentatively, LSA Statewide grant applications are scheduled to be reviewed by the CFA at the November 15, 2022 board meeting.

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)
						0 ' "	0 ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 ' "	0 ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 ' "	0 ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 ' "	0 ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						0 ' "	0 ' "		<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?
PR1	Rolling Hills Stream Restoration / Relocation	170	na	1,000	L.F.	40°16'28"	80°06'02"	August 2020	44,880	July 2022	<input checked="" type="checkbox"/>
						0 ' "	0 ' "				<input type="checkbox"/>
						0 ' "	0 ' "				<input type="checkbox"/>
						0 ' "	0 ' "				<input type="checkbox"/>
						0 ' "	0 ' "				<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 29, 2022

Date

PCSM BMP INVENTORY

Last Updated: September 16, 2022

BMP ID No.	FACILITY NAME	FACILITY TYPE	OWNERSHIP	LATITUDE (DMS)	LONGITUDE (DMS)	DRAINAGE AREA (Ac)	ENTITY RESPONSIBLE FOR O&M	O&M REQUIREMENTS	DATE INSTALLED	NPDES Permit No.
223	Keddie Residence (217 Valley Road)	Tank	Private	N 40° 14' 59.09"	W -80° 04' 55.26"		Homeowner		2010	PAG02-0063-09-007
225	Lake View Square - Main Parcel	Tank	Private	N 40° 16' 08.23"	W -80° 07' 47.00"		Protos Development		2009	PA1056308003
228	Great Meadows - Phase 3	Pond - Retention	Public	N 40° 14' 59.89"	W -80° 03' 25.07"		Peters Township		2008	PAG02-0063-07-036R
242	Peterswood Park Expansion (Bruni property)	Ponds - 3 - Detention	Public	N 40° 16' 59.35"	W -80° 03' 38.13"		Peters Township		2010	PAG02-0063-09-017
242	Peterswood Park Expansion (Bruni property)	Ponds - 3 - Detention	Public	N 40° 16' 54.38"	W -80° 03' 44.89"		Peters Township		2010	PAG02-0063-09-017
242	Peterswood Park Expansion (Bruni property)	Ponds - 3 - Detention	Public	N 40° 16' 55.73"	W -80° 03' 42.56"		Peters Township		2010	PAG02-0063-09-017
245	Hamlet of Springdale - Phase 2	Pond - retention (shared with Ph. 1)	Private	N 40° 15' 16.25"	W -80° 04' 20.09"		Hardy Credit Financing / HOA		2012	PAG02-0063-11-014
247	Paramount Senior Living	Pond and Tank	Private	N 40° 16' 10.06"	W -80° 07' 19.73"		Health Care REIT		2013	PAG02-0063-10-014
248	Tuscany Estates	Pond	Public	N 40° 15' 58.62"	W -80° 04' 43.62"		Peters Township		2013	PAG02-0063-12-006R
249	Tuscany Estates	Pond	Public	N 40° 15' 49.54"	W -80° 04' 24.40"		Peters Township		2013	PAG02-0063-12-006R
252	St. Clair Hospital	Pond	Public	N 40° 16' 16.99"	W -80° 07' 47.90"		St. Clair Hospital		2012	PA1056311002
254	Pleasant Valley Elementary School field	Tank	Private	N 40° 15' 53.54"	W -80° 07' 08.00"		Peters Township School District		2012	PAG02-0063-11-017
258	Anthony Farms - Phase 2	Tank	Public	N 40° 16' 22.66"	W -80° 06' 35.63"		Peters Township		2014	PAG02-0063-08-015
259	Anthony Farms - Phase 1	Pond	Public	N 40° 16' 33.11"	W -80° 06' 46.91"		Homeowners Association		2010	PAG02-0063-08-015
260	Whispering Pines	Tanks	Private	N 40° 16' 07.66"	W -80° 03' 33.04"		Peters Township		2013	PAG02-0063-12-016
262	Hamlet of Springdale - Phase 3	Pond	Public	N 40° 15' 05.47"	W -80° 03' 57.65"		Peters Township		2013	PAG02-0063-12-035R
263	Hamlet of Springdale - Phase 3	Pond	Public	N 40° 15' 05.71"	W -80° 04' 12.49"		Peters Township		2013	PAG02-0063-12-035R
264	Giant Eagle Express	Bio-Retention	Private	N 40° 18' 13.42"	W -80° 05' 49.79"		Giant Eagle, Inc.		2013	PAG02-0063-12-007
269	Schwitzer Residence (317 Churchill Road)	Pond	Private	N 40° 15' 33.45"	W -80° 01' 53.52"		Homeowner		2014	PAG02-0063-13-016 & PAC630043
270	Harrington Residence (166 Bebout Road)	Pond - Infiltration Basin	Private	N 40° 15' 00.52"	W -80° 02' 34.81"		Homeowner		2014	PAG02-0063-13-029
271	Raymond (219 Hill Place)	Pond - Retention	Private	N 40° 15' 24.12"	W -80° 05' 25.73"		Homeowner		2014	PA1056313004
274	Breen Residence (253 Church Hill Rd)	Pond - Detention	Private	N 40° 15' 22.00"	W -80° 01' 40.63"		Homeowner		2015	PAG02-0063-14-022
276	Bowser Cadillac (3273 Route 19)	Tank	Private	N 40° 17' 21.04"	W -80° 06' 43.61"		Bowser Automotive Group		2015	PAG02-0063-14-019
277	Ear-n-Park (3380 Route 19)	Tank	Private	N 40° 17' 16.18"	W -80° 07' 00.51"		MAD-Peters Associates, LLC		2015	PAG02-0063-14-039
281	Ironwood Estates	Pond	Private	N 40° 16' 10.68"	W -80° 03' 29.46"		Benjamin Marcus Homes / HOA		2015	PAG02-0063-14-013
282	Ironwood Estates	Infiltration berm	Private	N 40° 16' 20.43"	W -80° 03' 33.05"		Benjamin Marcus Homes / HOA		2015	PAG02-0063-14-013
283	Fieldstone Plan	Pond	Public	N 40° 15' 27.68"	W -80° 02' 41.07"		Peters Township		2015	PAG02-0063-14-008
287	Henney Residence (499 E. McMurray Rd)	Pond - Infiltration Basin	Private	N 40° 16' 32.62"	W -80° 05' 40.29"		Homeowner		2015	PAG02-0063-15-019 & PAC630009
292	Goldfish Swim Club (690 Crosswinds Dr)	Pond - Infiltration Basin	Private	N 40° 15' 54.13"	W -80° 07' 42.04"		Goldfish Swim Club		2018	PA1056315010
297	Primrose School (164 Waterdam Rd)	Tank & Pond	Private	N 40° 15' 34.17"	W -80° 07' 59.20"		Primrose School		2018	PAD300004
301	Sherwood Pond Plan of Lots	Pond	Private	N 40° 15' 48.69"	W -80° 07' 25.11"		Homeowners Association		2017	PA0630005
308	Valley Brook C.C. (425 Hidden Valley Rd)	Pond	Private	N 40° 17' 59.47"	W -80° 07' 47.88"		Valley Brook Country Club		2016	PAG02-0063-15-035 & PAC630040
309	Pooch Pit	Tank	Private	N 40° 18' 01.30"	W -80° 05' 54.16"		The Pooch Pit, LLC		2018	PAC630059
310	Justabout Farms	Pond	Public	N 40° 15' 47.54"	W -80° 04' 20.60"		Peters Township		2018	PAC630054
311	Hamlet of Springdale - Phase 6	Pond	Public	N 40° 15' 04.81"	W -80° 04' 11.61"		Peters Township		2018	PAC630071
312	Bowser Cadillac Inventory storage	Tank	Private	N 40° 17' 22.55"	W -80° 06' 39.20"		Bowser Automotive Group		2018	PAC630063
313	Brookwood Village (Gillespie)	Tank	Private	N 40° 17' 31.40"	W -80° 03' 48.83"		Donegal Land Partners LLC / HOA		2019	PAC630082
314	Brookwood Village (Cortez)	Pond	Private	N 40° 17' 28.08"	W -80° 03' 49.88"		Brookwood Village LLC / HOA		2019	PAC630053
315	Juniper Woods (southern Pond)	Pond	Public	N 40° 17' 46.45"	W -80° 05' 19.79"		Peters Township		2019	PAC630099
316	Juniper Woods (northern Pond)	Pond	Public	N 40° 17' 56.24"	W -80° 05' 22.04"		Peters Township		2019	PAC630099
317	Trigon Addition (124 Hidden Valley Rd)	Pond	Private	N 40° 17' 25.86"	W -80° 06' 58.53"		FPD Company		2018	PAC630039
319	Peters Twp High School - A	Pond	Private	N 40° 16' 39.29"	W -80° 06' 21.36"		Peters Township School District		2018	PAC630077
320	Peters Twp High School - B	Pond	Private	N 40° 16' 43.67"	W -80° 06' 12.81"		Peters Township School District		2018	PAC630077
321	Peters Twp High School - C	Pond	Private	N 40° 16' 39.48"	W -80° 06' 12.44"		Peters Township School District		2018	PAC630077
322	Peters Twp High School - D	Pond	Private	N 40° 16' 35.72"	W -80° 06' 12.38"		Peters Township School District		2018	PAC630077
324	Waters Senior Living	Tank	Private	N 40° 16' 50.88"	W -80° 05' 10.61"		Waters Group		2019	PAC630095
325	Ward Residence (140 Woods Lane)	Pond	Private	N 40° 16' 14.10"	W -80° 06' 06.07"		Homeowner		2020	PAC630032
331	Donaldson's Crossroad STP	Pond (infiltration)	Private	N 40° 16' 38.65"	W -80° 08' 15.47"		Peters Township Sanitary Authority		2020	PAG02006314015
332	Donaldson's Crossroad STP	Pond (infiltration)	Private	N 40° 16' 35.59"	W -80° 08' 17.96"		Peters Township Sanitary Authority		2020	PAG02006314015
338	Venetia Post Office	Pond	Private	N 40° 14' 39.57"	W -80° 03' 00.35"		USPS		2020	PAC630171
348	Rolling Hills Drive - North Pond	Pond	Public	N 40° 16' 48.52"	W -80° 06' 20.77"		Peters Township		2020	PAC630120
349	Rolling Hills Drive - East Pond	Pond	Public	N 40° 16' 48.05"	W -80° 06' 03.78"		Peters Township		2020	PAC630120
350	Water Senior Living - upper parking lot	Tank	Private	N 40° 16' 52.42"	W -80° 05' 11.82"		Waters Group		2020	PAC630095
353	Rolling Hills Park - East McMurray Pond	Pond	Public	N 40° 16' 31.08"	W -80° 05' 56.69"		Peters Township		2021	PAC630120
354	Rolling Hills Park - North Valley Pond	Pond	Public	N 40° 16' 43.04"	W -80° 05' 48.90"		Peters Township		2021	PAC630120
359	Fire Station #3 - 435 Bebout Road	Rain Garden	Public	N 40° 15' 44.44"	W -80° 02' 54.38"		Peters Township		2022	PAC630240

5. Summary of progress achieved during reporting period

PRP Plan

General: In 2020, a stream restoration / relocation project was completed in the Middle Chartiers Creek watershed as part of the Rolling Hills Transportations 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 were enclosed with the 2020 Annual Report.

2022 Update: The Township's consultant, Herbert, Roland, and Grubic (HRG), completed 'Mitigation Monitoring Report #1' in November 2021 and 'Mitigation Monitoring Report #2' in June 2022. These Reports were forwarded to the Department's Waterways and Wetlands Division upon completion.

TMDL Plan

General: 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 1,500 L.F. +/- of Stream Restoration and 1.5 +/- 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 proposed 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 was enclosed with the 2020 Annual Report.

2022 Update: The Township has received the following permits for this project:

- Water Obstruction and Encroachment Permit
Issued by PaDEP
Issued on March 31, 2022

- Nationwide Permit No. 27
Issued by USACOE
Issued on August 17, 2022

- TMDL Plan Amendment approval
Issue by PaDEP Clean Water Program
Issued on July 14, 2022

Peters Township is seeking \$500,000 from the PA DCED's Local Share Account (LSA) for the construction costs associated with the Briarcliff Project. Total Project cost is estimated to be approximately \$750,000. Peters is matching the remaining cost of the construction, as well as absorbing the entire cost of the design of the Briarcliff Project, which is approximately \$80,000. Tentatively, LSA Statewide grant applications are scheduled to be reviewed by the CFA at the November 15th board meeting.