



ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

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

GENERAL INFORMATION					
Permittee Name:	Lancaster City MS4	NPDES Permit No.:	PAG133577		
Mailing Address:	120 N Duke St.	Effective Date:	June1,2013		
City, State, Zip:	Lancaster, PA 17608	Expiration Date:	March 15, 2023		
MS4 Contact Person:	Cindy McCormick	Renewal Due Date:	September 30, 2022		
Title:	Deputy Director of Public ROW	Municipality:	City of Lancaster		
Phone:	(717)291-4729	County:	Lancaster		
Email:	CMcCormick@cityoflancasterpa.com				
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 checked="" 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 checked="" type="checkbox"/> Yes <input 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?
Conestoga River	WWF	Yes	Agriculture-Organic Enrichment/Low D.O.; Small Residential Runoff-Siltation; Upstream Impoundment-Siltation; Agriculture- Pathogens; Urban Runoff/Storm Sewers-Pathogens	No	No
UNT to Conestoga River	WWF	Yes	Channelization - Siltation; Channelization - Flow Alterations; Removal of Vegetation - Siltation; Agriculture- Pathogens; Urban Runoff/Storm Sewers- Pathogens	No	No
UNT to Conestoga River	WWF	Yes	Channelization - Siltation; Channelization	No	No

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

			- Flow Alterations; Removal of Vegetation - Siltation; Agriculture- Pathogens; Urban Runoff/Storm Sewers- Pathogens		
UNT to Little Conestoga Creek	WWF	Yes	Grazing Related Agriculture - Nutrients; Grazing Related Agriculture - Siltation; Urban Runoff/Storm Sewers - Cause Unknown; Source Unknown - Pathogens	No	No
Little Conestoga Creek	WWF	Yes	Grazing Related Agriculture - Nutrients; Grazing Related Agriculture - Siltation; Urban Runoff/Storm Sewers - Cause Unknown; Source Unknown - Pathogens	No	No

GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION

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

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

MCM	Entity Responsible	Contact Name	Phone
#1 Public Education and Outreach on Storm Water Impacts	City of Lancaster	Cindy McCormick	(717) 291-4729
#2 Public Involvement/Participation	City of Lancaster	Cindy McCormick	(717) 291-4729
#3 Illicit Discharge Detection and Elimination (IDD&E)	City of Lancaster	Cindy McCormick	(717) 291-4729
#4 Construction Site Storm Water Runoff Control	City of Lancaster	Cindy McCormick	(717) 291-4729
#5 Post-Construction Storm Water Management in New Development and Redevelopment	City of Lancaster	Cindy McCormick	(717) 291-4729
#6 Pollution Prevention / Good Housekeeping	City of Lancaster	Cindy McCormick	(717) 291-4729

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: 01/04/2022 Were updates made? Yes No
- What were the plans and goals for public education and outreach for the reporting period?

The goal of the PEOP was to distribute educational material to the community that would provide improvements in the community's understanding of stormwater pollution impacts and steps they can take to reduce those impacts.
- 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:

Specific plans for public education and outreach for the upcoming year include continued website updates, printed materials made available at public events, public presentations, workshops for the design and construction communities, the expanding use of social media through the City's Office of Promotion for improved outreach to targeted audiences, and targeted resources and materials to incentivize small property owner implementation of stormwater facilities (green infrastructure).

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: 01/04/2022 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: 07/2022 Were updates made? Yes No
3. Do you have a municipal website? Yes No (URL:
<https://cityoflancasterpa.com>)

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

The City maintains two (2) websites that contain stormwater educational materials. The City's municipal website for governmental operations is <https://cityoflancafterpa.com/>. This website contains information on stormwater pollution preventions, a link to DEP's stormwater website, a link to EPA's NPDES Stormwater Program, information on illicit discharge with City personnel contact information in the form of phone/email, the City's MS4 permit and current annual report, a link to the City's stormwater focused website, <http://www.saveitlancafter.com/>, and the City's Stormwater Management Ordinance and its requirements. Updates were also made to the brochures and applications for the residential grant program, both available on the City's municipal website.

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:

The City maintained its level of use of social media through the Save It! Lancaster Facebook page, including features on stormwater runoff, pollution prevention, trees, and information on building and planting rain gardens. The City also maintained decals on City vehicles and inlets throughout the City. Additionally, stormwater educational pamphlets were provided at public events such as presentations, walking tours, and workshops. Furthermore, the City utilized its public participation platform, Engage Lancaster, to engage residents regarding upcoming projects within the MS4 areas.

5. Identify specific plans for the publication of stormwater materials for the upcoming year:

Continued review and update to the PEOP will be performed and publication of stormwater materials through the avenues identified in the PEOP will be carried through. This will include, but not be limited to, publication through local newspaper, City websites, City social media accounts, and pamphlet/ brochure disbursement.

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).

During the MS4 permit year, the following methods of disbursemen were performed in accordance with BMP #4: Inclusion of stormwater pamphlets at public events, maintaining storm drain placards on City-owned catch basins in the MS4 area, maintaining Save It! decals on City vehicles that show the stormwater website address, numerous meetings with the public and key stakeholders on the effects of stormwater runoff, and distribution of information through the City's social media accounts.

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: 01/04/2022

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:

The City's Stormwater Management Ordinance was advertised via newspaper on August 15, 2022, and readvertised on September 19, 2022. The Stormwater Management Ordinance was also presented, discussed, and read at multiple City Council and City Council Comitee meetings held on 7/5/22, 8/1/22, 8/9/22, 9/13/22, and 9/27/22.

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
Stormwater Management Ordinance	8/15/22	9/27/22	9/27/22

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.

Presentations and tours were provided to numerous organizations including, but not limited to, municipalities and staff attending the 2022 MS4orum (6/14/22), the Widener Law School presentation (9/21/2021), Public Works Week (5/17/22), Mayors Neighborhood Week (06/11-06/24/2022), Lancaster Water Week Events (First Friday (6/3/22), Streamside Care Work Day (6/4/22), Rain Garden Expo (6/4/22), Conestoga Clean-Up (6/11/22)), Open Streets (6/19/22), Celebrate Lancaster (6/24/22), Riparian Buffer Plantings (5/14/22), and multiple other events. The City played an active role with the Lancaster County Clean Water Partners, the Chesapeake Bay Landscape Professionals, EWRI's Municipal Water Resources Council, Alliance for the Chesapeake Bay, Stormwater Action Teams, and other entities.

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.

Project meetings with local neighborhood stakeholders, 1 riparian buffer planting (East Petersburg (5/14/22), street tree implementation (fall 2021 & spring 2022), Streamside Care Work Day (6/4/22), Conestoga Clean-Up (6/11/22), green infrastructure contractor workshops, and other events.

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: 01/04/2022 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): 06/01/2017

3. Total No. of Outfalls in MS4: 45 Total No. of Outfalls Mapped: 45

4. Total No. of Observation Points: 19 Total No. of Observation Points Mapped: 19

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): 06/01/2017

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? 2

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

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

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

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

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

Yes No

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

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

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

If Yes, indicate the date of the ordinance or SOP: City Stormwater Management Ordinance containing all Lancaster County and DEP MS4 requirements was amended and adopted on September 27, 2022.

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
12/18/2022	Grease poured into trench drain, connected to MS4 conveyance system at Park City Center	Park City Center	The incident was reported to the DEP. Clean-up was complete by JG Environmental. Notice of Violations were issued to Pan Pacific Rubi Thai restaurant and Nestle Toll House café. Pan Pacific Rubi Thai restaurant received a \$500 fine and Nestle Toll House café received a \$250 fine.
02/28/22	Clogged sewer lateral causing overflow of raw sewage at 1248 Wabank Rd.	Lancaster Township Private Property Owner	The incident was reported to the DEP. The City worked with the Township to free the clog and clean the site.
6/08/22	Power washing of kitchen fryers caused fryer oil to reach MS4 conveyance at 970 Plaza Blvd.	Bonefish Grill	The incident was reported to the DEP. Clean-up was complete by JG Environmental. Notice of Violation and a \$500.00 fine was issued.

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? During the MS4 permit year, public education of IDD&E was carried out through materials contained on the City's two (2) websites, inclusion of stormwater pamphlets at public events, placing storm drain placards on City owned catch basins in the MS4 area, providing Save It! decals on City vehicles that show the stormwater website address, continued public education by the City's Solid Waste and Recycling Bureau on household hazardous waste collection, and numerous meetings with the public and key stakeholders on the effects of stormwater runoff.

The City's governmental website contains specific information on IDD&E along with City employee contact information for public reporting.

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: City Stormwater Management Ordinance containing all Lancaster County and DEP MS4 requirements was amended and adopted on September 27, 2022.

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: City Stormwater Ordinance containing all Lancaster County and DEP MS4 requirements was amended and adopted on Septemeber 27, 2022.
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: City Stormwater Ordinance containing all Lancaster County and DEP MS4 requirements was amended and adopted on Septemeber 27, 2022.
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.

**With the exception of those NPDES BMPs that no data is available for, O&M occurred properly and inspections occurred regularly.

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				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:

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? 01/04/2022
3. When was it last updated? 11/01/2016

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: 01/04/2022

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: 01/04/2022 Date of latest training: 09/07/2017

3. Training topics covered:

Salt and Snow Management (PENNDOT LTAP) presenting the following topics; creating a winter maintenance plan, smart salting and winter operations, pre-wetting salt, anti-icing with brines, MS4 requirements and environmental stockpile, and winter equipment and operations

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

PENNDOT LTAP

5. Names of training attendees:

Relevant sign-in sheet provided to DEP with Annual Report in 2017

MCM #6 Comments:

Additional education occurred on 6/14/2022. City employees Laura Perry, Kate Austin, and Angela Brackbill attended the 2022 MS4orum, hosted by Lancaster County Clean Water Consortium. The MS4orum was specifically geared towards municipal public works, office staff, and elected officials, outlining education to help municipalities address MS4 requirements and meet water quality improvement goals.

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)	09/01/2017	<input type="checkbox"/>	
Source Inventory	09/01/2017	<input type="checkbox"/>	
Investigation of Suspected Sources	09/01/2017	<input type="checkbox"/>	
Ordinance/SOP for Controlling Animal Wastes	09/27/2022	<input checked="" type="checkbox"/>	

PCM Comments:

All relevant maps were provided to DEP with NOI submission in September 2017. The ammended stormwater Management Ordinance is attached.

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 checked="" type="checkbox"/> Chesapeake Bay PRP (Appendix D)	09/01/2017	7/26/2018	Chesapeake Bay
<input checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)	09/01/2017	7/26/2018	Chesapeake Bay, Conestoga River, Little Conestoga Watershed
<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 checked="" type="checkbox"/> Chesapeake Bay PRP (Appendix D)	295,457*		
<input type="checkbox"/> Impaired Waters PRP (Appendix E)			
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			
<input type="checkbox"/> Combined PRP / TMDL Plan			

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: September 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.

Street sweeping was performed as described in the PRP

6. Anticipated activities for next reporting period.

Continued street sweeping and construction of the Long's Park PRP project.

PRP/TMDL Plan Comments:

TSS was only pollutant required to be evaluated for NOI CBPRP. Data for TN and TP are assumed to be a minimum of 5% TP reduction and 3% TN reduction per MS4/CBPRP instructions, guidance, and regulations

*TSS Load Reduction updated to include the required pollutant load reduction versus the proposed reduction

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)
	ID# 4120: Street sweeping	4.24	*	56.97	miles	40°2'16"	76°18'20"	ongoing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	164,605
						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?
	ID# 4113: Alley 142 SW	0.46	*	6477	sq.ft.	40°1'17"	76°18'42"	2016	174	7/7/22	<input checked="" type="checkbox"/>
	ID# 4114: Alley 148 SW	0.19	*	2051	sq.ft.	40°1'26"	76°18'42"	2011	80	7/7/22	<input checked="" type="checkbox"/>
	ID# 4115: Alley 156 SW	0.30	*	1459	sq.ft.	40°1'29"	76°18'52"	2016	106	7/6/22	<input checked="" type="checkbox"/>
	ID# 4116: Alley 7/8 NW	0.63	*	1717	sq.ft.	40°2'58"	76°19'28"	2018	90	7/19/22	<input checked="" type="checkbox"/>

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	ID# 4118: Broad/New Dauphin	0.73	*	3400	sq.ft.	40°02'08"	76°17'13"	2012	247	7/27/22	<input checked="" type="checkbox"/>
	Long's Park Playground	0.27	*	11,528	sq.ft.	40°03'47"	76°20'6"	2018	111	7/19/22	<input checked="" type="checkbox"/>

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?
	ID# 4119: Shelly Road	11.15	38	3495	sq.ft.	40°02'04"	76°15'49"	2018	**330572	7/26/2022	X
	Hershey Ave.	0.94	*	2072	sq.ft.	40°01'26"	76°18'58"	2017	286	7/12/2022	X

* all percent impervious is 100%

** See 2017 NOI/CBPRP

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).

Cindy McCormick

Name of Responsible Official

(717)291-4729

Telephone No.

Cindy McCormick

Signature

9/29/2022

Date