



2024 Annual MS4 Report - General Information

Report Status: **Submitted**

Permittee: LANCASTER CITY LANCASTER CNTY | NPDES Permit No.: PAG133577

Facility Name: **MS4 LANCASTER CITY**

MS4 Contact: **MOLLY DEGER**

Facility Address: **Facility Address:**

Title: **DEPUTY DIR PUBLIC WO**

Facility ID: **646351**

Phone: **717-719-2918**

County: **Lancaster**

Email: **mdeger@cityoflancasterpa.gov**

Municipality: **Lancaster City**

Effective Date: **08/01/2018**

Expiration Date:

Renewal Due Date: **09/30/2025**

MS4 Report (Current Version)

Appendix Selection

You must review each appendix and select the appropriate appendices below.

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

Water Quality Information Module ✔



Are there any discharges to waters within the Chesapeake Bay Watershed? **Yes**

Identify all surface waters that receive stormwater discharges from the permittee's MS4 and provide the requested information.

Receiving Water Name	Ch. 93 Class	Impaired	Cause(s)	TMDL	WLA
<b>Conestoga River</b>	<b>WWF</b>	<b>Yes</b>	<b>DO/BOD, Pathogens, Siltation</b>	<b>No</b>	<b>No</b>
<b>UNT to Conestoga River</b>	<b>WWF</b>	<b>Yes</b>	<b>Siltation</b>	<b>No</b>	<b>No</b>
<b>UNT to Little Conestoga Creek</b>	<b>WWF</b>	<b>Yes</b>	<b>Cause Unknown</b>	<b>No</b>	<b>No</b>
<b>Little Conestoga Creek</b>	<b>WWF</b>	<b>Yes</b>	<b>Cause Unknown</b>	<b>No</b>	<b>No</b>
<b>UNT to Conestoga River</b>	<b>WWF</b>	<b>Yes</b>	<b>Pathogens</b>	<b>No</b>	<b>No</b>

General Minimum Control Measure (MCM) Information Module ✔



Have you completed all MCM activities required by the permit for this reporting period? **Yes**

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

MCM	Entity Responsible	Contact Name	Phone Number
#1 Public Education and Outreach on Stormwater Impacts	<b>City of Lancaster</b>	<b>Molly Deger</b>	<b>717-719-2918</b>
#2 Public Involvement / Participation	<b>City of Lancaster</b>	<b>Molly Deger</b>	<b>717-719-2918</b>
#3 Illicit Discharge Detection and Elimination (IDD&E)	<b>City of Lancaster</b>	<b>Molly Deger</b>	<b>717-719-2918</b>
#4 Construction Site Stormwater Runoff Control	<b>City of Lancaster</b>	<b>Molly Deger</b>	<b>717-719-2918</b>
#5 Post-Construction Stormwater Management in New Development and Redevelopment	<b>City of Lancaster</b>	<b>Molly Deger</b>	<b>717-719-2918</b>
#6 Pollution Prevention / Good Housekeeping	<b>City of Lancaster</b>	<b>Molly Deger</b>	<b>717-719-2918</b>

**MCM #1 – Public Education & Outreach on Stormwater Impacts Module** ✓ ^

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**BMP #1: Develop, implement and maintain a written Public Education and Outreach Program.**

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1. For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage? **Not Applicable**

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2. Date of latest annual review of PEOP: **01/04/2024**      Were updates made? **No**

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3. 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 communities understanding of stormwater pollution impacts and steps they can take to reduce those impacts.**

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4. Did the MS4 achieve its goal(s) for the PEOP during the reporting period? **Yes**

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5. 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).**

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

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1. For new permittees only, have the target audience lists been developed and implemented within the first year of permit coverage? **Not Applicable**

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2. Date of latest annual review of target audience lists: **01/04/2024**      Were updates made? **No**

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

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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? **Not Applicable**

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2. Date of latest annual review of educational materials:

01/04/2024

Were updates made?

No

3. Do you have a municipal website? **Yes**

URL: <https://www.cityoflanasterpa.gov/>

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

The City's municipal website for government operations is <https://www.cityoflanasterpa.gov/>. This website contains information on stormwater pollution prevention, 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, and the City's Stormwater Management Ordinance and its requirements, The website also contains links to the City's Green It! Plan, Green Infrastructure Design Manual, Green Infrastructure Monitoring Manual, and the Green Infrastructure Operation and Maintenance Plan.

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

Stormwater educational pamphlets were provided at public events such as presentations, walking tours, and workshops. Furthermore, the City utilizes its public participation platform, Engage Lancaster, to engage residents regarding upcoming projects within the MS4 areas as well as outreach events. A new City webpage was created for the Long's Park Wetland Project, via search engine or QR code: <https://www.cityoflanasterpa.gov/longs-park-wetlands/>

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

Continued review and update of the PEOP will be preformed 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: 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).**

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 disbursement were performed in accordance with BMP#4: Inclusion of stormwater pamphlets at public events, numerous meetings, presentations, and tours with the public and key stakeholders on the effects of stormwater runoff, and distribution of information through the City's website.

MCM #1 Comments:

MCM #1 Attachments:

File Name	Document Type	Short Description
No attachments in the table.		

**MCM #2 - Public Involvement/Participation Module**



**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?

**Not Applicable**

2. Date of latest annual review of PIPP:

01/04/2024

Were updates made?

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? **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
No data available in table			

**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? **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, tours, and interviews were provided to numerous organizations including, but not limited to, LNP Long's Park Wetland Interview (7/13/23), PA Flood Resiliency Field Tour at Long's Park & Shelley Road (9/7/23), Millersville University Long's Park Tour (11/3/23), Southeast Community Fair (1/27/24), SOWE Earth Fest (4/20/24), Native Plant & Wildlife Festival (4/27/24), Lancaster Climate Summit (4/27/24), Mayor's Neighborhood Month (5/1/24, 5/8/24, 5/29/24), Lancaster Water Week Events ( Long's Park Tour (6/9/24), Sunnyside Peninsula Hike/Tour (6/10/24), GI & Trees Bike Tour (6/11/24), 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.

**Members of the public participated in a Sunnyside Peninsula Hike/Tour for Lancaster Water Week on 6/10/2024, as well as a Green infrastructure, Bikes, and Trees Bike Tour on 6/11/2024.**

**MCM #2 Comments:**

**MCM #2 Attachments:**

File Name	Document Type	Short Description
No attachments in the table.		

**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? **Not Applicable**

2. Date of latest annual review of IDD&E program:

01/04/2024

Were updates made?

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**

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? **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**

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**

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? **14**

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: **14 %**

4. Did any dry weather flows reveal color, turbidity, sheen, odor, floating or submerged solids? **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**) (<https://greenport.pa.gov/eLibrary/GetFolder?FolderID=2740>), provided in the permit? **Yes**

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**

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance                      Borough/Township Name?

**09/27/2022**                                      **City of Lancaster**

2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j) with respect to authorized non-stormwater discharges? **Yes**

If **Yes** to #1 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**

If **Yes** to #3, complete the table below (attach additional sheets as necessary).

Violation Date	Nature of Violation	Responsible Party	Enforcement Taken
03/29/2024	An unpermitted discharge of industrial wastewater to a stormwater drain and basin which occurred between March 29 to April 2, 2024, with potential to reach a unnamed tributary of the Little Conestoga Creek, waters of the Commonwealth,	Thermal Solutions, LLC Greg Krajewski 1175 Manheim Pike Lancaster, PA 17601	The incident was reported to the DEP. An Incident Response Inspection (INCDT) was conducted by Patrick McGee (Water Quality Specialist) from the Pennsylvania Department of Environmental Protection (DEP). Angela Brackbill (Water Resources Engineer - City of Lancaster), Greg Krajewski (Manufacturing Process Engineer - Thermal Solutions, LLC), and Vladimir Babich (Lab Manager - Thermal Solutions, LLC) were also present for the inspection.

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? **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**

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 website, inclusion of Stormwater pamphlets at public events, continued public education by the City's Solid Waste and Recycling Bureau on household hazardous waster collection, and numerous meetings with the public and key stakeholders on the effects of stormwater runoff.**

2. Is there a well-publicized method for employees, businesses and the public to report stormwater pollution incidents? **Yes**

3. Do you maintain documentation of all responses, action taken, and the time required to take action? **Yes**

**MCM #3 Comments:**

**MCM #3 Attachments:**

File Name	Document Type	Short Description
<b>ThermalSolutionsLLC_NOV_7.22.24.pdf</b>	<b>IDD&amp;E Investigation Information</b>	<b>Thermal Solutions Notice of Violation</b>
<b>ThermalSolutionsLLC_INCDT_6.13.24.pdf</b>	<b>IDD&amp;E Investigation Information</b>	<b>Thermal Solutions IDD&amp;E Investigation Report</b>

**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**

(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: Develop, implement and maintain a written Public Involvement and Participation Program (PIPP)**

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)? Note: If no building permit applications were received you may select Not Applicable. **Yes**

**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)? Note: If no building permit applications were received you may select Not Applicable. **Yes**

**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**

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance	Borough/Township Name?
<b>09/27/2022</b>	<b>City of Lancaster</b>

2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j)? **Yes**

3. If **Yes** to #1 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:

**Not Applicable**

**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:

**Not Applicable**

**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:

**Not Applicable**

**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:

**Not Applicable**

**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.

**Not Applicable**

2. Specify the number of inquiries and complaints received during the reporting period:

**Not Applicable**

**MCM #4 Comments:**

**MCM #4 Attachments:**

File Name

Document Type

Short Description

**No attachments in the table.**

**MCM #5 – Post-Construction Stormwater Water Management in New Development & Redevelopment Module**



**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**

If **Yes**, indicate the date of the ordinance or SOP:



Date of the Ordinance	Borough/Township Name?
<b>09/27/2022</b>	<b>City of Lancaster</b>
<p>2. If <b>Yes</b> to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)?</p> <p style="text-align: right;"><b>Yes</b></p>	
<p>3. If <b>Yes</b> to #1 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.</p>	
<p><b>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.</b></p>	
<p>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?</p> <p style="text-align: right;"><b>Yes</b></p> <p>If <b>Yes</b>, indicate the date of the ordinance or SOP:</p>	
Date of the Ordinance	Borough/Township Name?
<b>09/27/2022</b>	<b>City of Lancaster</b>
<p>2. If <b>Yes</b> to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j)?</p> <p style="text-align: right;"><b>Yes</b></p>	
<p>3. If <b>Yes</b> to #1 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.</p>	
<p><b>BMP #3: Ensure adequate O&amp;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.</b></p>	
<p>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?</p> <p style="text-align: right;"><b>No</b></p> <p>If <b>Yes</b> to #1, complete Table 1 in the next module.</p>	
<p>2. Has proper O&amp;M occurred during the reporting period for all PCSM BMPs?</p> <p style="text-align: right;"><b>Yes</b></p>	
<p>3. If <b>No</b> to #2, explain what action(s) the permittee has taken or plans to take to ensure proper O&amp;M.</p> <p><b>***With the exception of those NPDES BMPs that no data is available for, O&amp;M occurred properly and inspections occurred regularly.</b></p> <p><b>(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.)</b></p> <p><b>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.</b></p>	
<p>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).</p> <p><b>Not Applicable</b></p>	
<p>2. Has a tracking system been established and maintained to record qualifying projects and their associated BMPs?</p> <p style="text-align: right;"><b>Not Applicable</b></p>	
<p><b>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</b></p>	

**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? **Not Applicable**

2. Has a tracking system been established and maintained to record results of inspections? **Not Applicable**

**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? **Not Applicable**

**MCM #5 Comments:**

**MCM #5 Attachments:**

File Name	Document Type	Short Description
<b>No attachments in the table.</b>		

**PCSM BMP Inventory Table** 



**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.

**Note:** Any BMP data entered/uploaded will be prepopulated in the next reporting year.

**You may enter your BMPs manually or upload them using our template.**

BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
No data available in table								

**MCM #6 - Pollution Prevention / Good Housekeeping Module** 



**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**

2. When was the inventory last reviewed? **01/04/2024**

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**

2. Date of last review or update to written O&M program: **01/04/2024**

**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**

2. Date of last review or update to training program: **01/04/2024**

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:**

**MCM #6 Attachments:**

File Name	Document Type	Short Description
<b>No attachments in the table.</b>		

**Pollutant Control Measures (PCMs) Module** 



**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	Attached	Date Completed	Anticipated Completion Date
Storm Sewershed Map(s)	<input type="checkbox"/>	<b>09/01/2017</b>	
Source Inventory	<input type="checkbox"/>	<b>09/01/2017</b>	
Investigation of Suspected Sources	<input type="checkbox"/>	<b>09/01/2017</b>	
Ordinance/SOP for Controlling Animal Wastes	<input type="checkbox"/>	<b>09/27/2022</b>	

**PCM Comments:**

**All relevant maps were provided to DEP with NOI submission in September 2017. The amended Stormwater Management Ordinance was provided to DEP with the 2021/2022 annual report submission.**

**PCM Attachments:**

File Name	Document Type	Short Description
No attachments in the table.		

**Pollutant Reduction Plans (PRPs) and TMDL Plans Module**  

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	Pending Approval	Submission Date	DEP Approval Date	Surface Waters Addressed by Plan
Chesapeake Bay PRP (Appendix D)		09/01/2017	07/26/2018	Chesapeake Bay
Impaired Waters PRP (Appendix E)		09/01/2017	07/26/2018	Chesapeake Bay, Conestoga River, Little Conestoga Watershed
TMDL Plan (Appendix F)				
Combined Chesapeake Bay / Impaired Waters PRP (include Chesapeake Bay in your entry)				
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:  
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2. Identify the pollutants of concern and pollutant load reduction requirements under the permit.

Type of Plan	Select	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
Chesapeake Bay PRP (Appendix D)	<input checked="" type="checkbox"/>	140,151		
Impaired Waters PRP (Appendix E)	<input checked="" type="checkbox"/>	140,151		
TMDL Plan (Appendix F)	<input type="checkbox"/>			
Combined Chesapeake Bay / Impaired Waters PRP	<input type="checkbox"/>			
Combined PRP / TMDL Plan	<input type="checkbox"/>			

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: **09/30/2033**

4. Have any modifications to the plan(s) occurred since DEP approval? **No**

- If **Yes** to #4, was the updated plan(s) submitted to DEP?
- If **Yes** to #4, did you comply with the public participation requirements of the applicable appendix?
- 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. Continued inspection and maintenance of BMPs.

**PRP/TMDL Comments:**

Lancaster City is evaluating amending the PRP to include BMPs identified in the Little Conestoga Blue/Green Corridor project.

**PRP/TMDL Plan Attachments:**

File Name	Document Type	Short Description
No attachments in the table.		

**BMPs For PRP/TMDL Plan Implementation Module Tables**



**New BMPs For PRP/TMDL Plan Implementation Table**

**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.

**If you are a member of a regional PRP, report only those BMPs implemented within your municipal boundary. If you are reporting a joint BMP in which credit is shared with another permittee(s), report only your portion of the BMP credit.**

**Note:** Any new BMP data entered will be prepopulated in the next reporting year.

BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
No data available in table								

**BMP Inventory For PRP/TMDL Plan Implementation Table**

**Table 3.** 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

BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
3	Bioretention - Raingarden (C/D soils w/ underdrain)	05/31/2018	17,394	✔	Yes	40.035	-76.264	2.70

BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
<b>29</b>				<b>Acres</b>		<b>Yes</b>		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
<b>No</b>		<b>No</b>		<b>No</b>		<b>06/13/2023</b>		
List MS4 Collaborators:				Description:				
<b>** BMP Name is "Bioretention - Raingarden (C/D soils W/OUT underdrain)". There is not dropdown option for NO underdrain in C/D soils.</b>								
<b>5</b>	<b>Bioswale</b>	<b>05/31/2018</b>	<b>16,777</b>		<b>Yes</b>	<b>40.035</b>	<b>-76.264</b>	<b>2.9</b>
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
<b>29</b>				<b>Acres</b>		<b>Yes</b>		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
<b>No</b>		<b>No</b>		<b>No</b>		<b>06/13/2023</b>		
List MS4 Collaborators:				Description:				
<b>** The "BMP Name" is Regenerative Stormwater Conveyance (RSC)/Vegetated Open Channel, but there is not an option in the dropdown menu for this name/type of BMP..</b>								
<b>2</b>	<b>Street Sweeping - AST - 1P 2W (~25 passes/yr)</b>	<b>06/30/2023</b>	<b>59,038</b>		<b>Yes</b>	<b>40.038</b>	<b>-76.264</b>	
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
		<b>41.8</b>		<b>Miles</b>		<b>Yes</b>		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
<b>No</b>		<b>No</b>		<b>No</b>		<b>06/30/2023</b>		
List MS4 Collaborators:				Description:				
<b>1</b>	<b>Wet Ponds and Wetlands</b>	<b>07/11/2023</b>	<b>12,137</b>		<b>Yes</b>	<b>40.065</b>	<b>-76.333</b>	<b>38.8</b>

BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Lattitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
<b>24</b>				<b>Acres</b>		<b>Yes</b>		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
<b>No</b>		<b>No</b>		<b>No</b>		<b>10/10/2023</b>		
List MS4 Collaborators:				Description:				
<b>4</b>	<b>Permeable Pavement w/o Sand or Veg (C/D soils w/ underdrain)</b>	<b>05/31/2018</b>	<b>36,027</b>		<b>Yes</b>	<b>40.035</b>	<b>-76.264</b>	<b>5.6</b>
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
<b>29</b>				<b>Acres</b>		<b>Yes</b>		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
<b>No</b>		<b>No</b>		<b>No</b>		<b>06/13/2023</b>		
List MS4 Collaborators:				Description:				
<p><b>**BMP Name is Permeable pavement w/out Sand or vegetation (C/D soils w/ underdrains)(capped underdrain). There is not an option in the dropdown menu to include a capped underdrain.</b></p>								

**Certification**

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- 1 Login to GreenPort and go to launch the MS4 Annual Reporting System.**
- 2 Review this MS4 Report.**
- 3 Sign the Report.**

**After the report is signed by all responsible officials, you will be able to submit the report.**

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**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).

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**LANCASTER CITY LANCASTER CNTY - Signature**

Name of Responsible Official:

**Angela Brackbill**

Telephone No.:

**7172399296**

Signature:



**Document Signed**

Date Signed:

**09/26/2024 02:07 PM**