COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF CLEAN WATER

ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2022 TO JUNE 30, 2023

GENERAL INFORMATION									
Permittee Name:	Londonderr	y Township		NPI	DES Permit No.:	PAI130	053		
Mailing Address:	103 Dalevill	le Road		Effe	ctive Date:	05/01/2019			
City, State, Zip:	Cochranville	e, PA 19330		Ехр	iration Date:	04/30/2024			
MS4 Contact Person:	Contact Person: Janice H. Hearne		Ren	ewal Due Date:	11/02/2	023			
Title:	tle: Administrative Secretary		Mur	nicipality:	Londonderry Township				
Phone: 6	610.869.21	38		Cou	inty:	Chester			
l Eman.	londonderry .net	/township@zoom	internet						
Co-Permittees (if applicable	e):								
Appendix(ces) that permitte	ee is subject	to (select all that	apply):						
☐ Appendix A	A ☐ Appe	ndix B 🔲 Apper	ndix C 🛚	App	endix D 🛭 Appe	ndix E	Appendix I	=	
		WATER QU	JALITY II	NFO	RMATION				
Are there any discharges to	o waters with	nin the Chesapeak	ke Bay Wa	tersh	ed? 🛚 Yes	☐ No			
Identify all surface waters to (see instructions).	hat receive	stormwater discha	arges from	the p	permittee's MS4 and	d provide	the requeste	d information	
Receiving Water Na	ame	Ch. 93 Class.	Impaire	d?	Cause(s)		TMDL?	WLA?	
East Branch Big Elk C	Creek	HQ-TSF	Yes		AGRICULTUI CAUSE UNKNO AGRICULTUI SILTATION; HA MODIFICATIO OTHER THA HYDROMODIFIC - HABITAT	IOWN ; JRE - ABITAT ION - No HAN CATION		No	
Middle Branch White Cla	ay Creek	TSF	Yes		AGRICULTUI NUTIRENT AGRICULTUI TOTAL SUSPE SOLIDS (TS MUNICIPAL PI SOURCE DISCHARGE NUTRIENT	S; RE - NDED S); OINT	No	No	

3800-PM-BPNPSM0XXX 4/2013 MS4 Annual/Progress Report

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

Doe Run	TSF	Yes	AGRICULTURE - ESCHERICHIA COLI (E. COLI)	No	No

GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION							
Have you completed all MCM activities required by the permit for this reporting period?							
List the current entity responsible for implementing each MCM	of your SWMP, along with co	ntact name and phor	ne number.				
MCM	Entity Responsible	Contact Name	Phone				
#1 Public Education and Outreach on Storm Water Impacts	Londonderry Township	Janice H. Hearne	6108692138				
#2 Public Involvement/Participation	Londonderry Township	Janice H. Hearne	6108692138				
#3 Illicit Discharge Detection and Elimination (IDD&E)	Londonderry Township	Janice H. Hearne	6108692138				
#4 Construction Site Storm Water Runoff Control	Londonderry Township / Chester County Conservation District	Janice H. Hearne / Conservation District	6108692138 / 6109254920				
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Londonderry Township	Janice H. Hearne	6108692138				
#6 Pollution Prevention / Good Housekeeping	Londonderry Township	Janice H. Hearne	6108692138				
MCM #1 – PUBLIC EDUCATION AND OUTREACH ON STORM WATER IMPACTS							
BMP #1: Develop, implement and maintain a written Public Education and Outreach Program. 1. For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage? Yes No							
2. Date of latest annual review of PEOP: 01/2023	Were updates made?	⊠ Yes □ No					
3. What were the plans and goals for public education and or	utreach for the reporting perio	d?					
The Township will republish and advertise the Township's s	stormwater survey to gage if	public education ha	s increased.				
4. Did the MS4 achieve its goal(s) for the PEOP during the re	eporting period?	s 🗌 No					
5. Identify specific plans and goals for public education and	outreach for the upcoming yea	ar:					
The Township will develop educational material aimed at illicit discharge reporting within the Township to increase public awareness and reporting of non-allowable discharges.							
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 coverage?	been developed and impleme	ented within the first	year of permit				
2. Date of latest annual review of target audience lists: 01/20	023 Were update	s 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?							
2.	Date of latest annual review of educational materials: 01/2023	Were updates made?	⊠ Yes □ No					
3.	Do you have a municipal website? \boxtimes Yes \square No (URL: www.londonderrytownship.org/)							

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

The municipal website contains information on reporting an illicit discharge, educational brochures and children's activities, and links to the county, EPA, and DEP stormwater webpages. The Township also makes available a stormwater update and the Township PRP on the website.

- 4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public: The Township is cost-share partner of the Christina Watersheds Municipal Partnership (CWMP) and is a member of the Brandywine Red Clay Alliance (BRCA). The Township provides paper copies of educational materials at the Township office and electronic versions on the Township website. The Township currently has a stormwater related pamphlet for each target audience group and posts public events and education onto the Township's Facebook page as well.
- 5. Identify specific plans for the publication of stormwater materials for the upcoming year: The Township will conduct or advertise through a partnership a 2023 Earth Day event or similar public participation event involving pollution prevention or a MS4-related concept. The Township will also develop new educational materials during the 2023-2024 reporting year.

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).

Targeted pamphlets on the Township Website/Office Information distributed with building and zoning permit packages Annual MS4 update during a public meeting

MCM #1 Comments:

Attachment 1.1: Stormwater Management Program Attachment 1.2: MS4 Goals and Accomplishments

Attachment 1.2. Wo4 Goals and Accomplishing

Att	Attachment 1.3: Educational Materials					
	MCM #2 - PUBLIC INVOLVEMENT/PARTICIPATION					
BN	BMP #1: Develop, implement and maintain a written Public Involvement and Participation Program (PIPP)					
1.	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: 01/2023	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 develope	ed during the reporting p	eriod? 🛛 Yes 🗌 No			
2.	If Yes, describe how you advertised the draft document(s) and how feedback:	you provided opportur	ities for public review, input and			
Th	ne Township attended two implementation workshops in May 2022	hosted by Chester Co	ounty to assist municipalities			

The Township attended two implementation workshops in May 2022 hosted by Chester County to assist municipalities with updating their stormwater ordinances. A new stormwater ordinance compliant with PADEP's 2022 requirement was drafted and presented to the municipal solicitor in August 2022. After revision and public advertisement, the ordinance was formally adopted on 06/13/2023.

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	
Ord. No. 01-2023	05/09/2023	06/13/2023	09/30/23	

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 and feedback from target audience groups. Was this meetin	during the 5-year permit coverage period to solicit participation g or event held during the reporting period?					
		The Township provided a public MS4/PRP update at the 08/01/2022 Board of Supervisors meeting discussing the Township's PRP project.					
2.	Report instances of cooperation and participation in MS4 active conservation organizations; and similar instances of participations.						
		nicipal Partnership and the Brandywine Red Clay Alliance. d events. The Township also coordinates with Penn State formation.					
3.	Report activities in which members of the public assisted or SWMP, including education activities or efforts such as clear						
per	The Township regularly discussed stormwater management ordinance updates during public meetings throughout the permit year along with providing a PRP/MS4 update in December. The Township also mentioned the CWMP World Water Day in March during the March public meeting.						
MC	CM #2 Comments:						
	ttachment 2.1: Stormwater Management Ordinance 01-2023 ttachment 2.2: Public Event Information	3					
MCM #3 – ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDD&E)							
	WCW #3 - ILLICIT DISCHARGE DETE	CTION AND ELIMINATION (IDD&E)					
		detection, elimination, and prevention of illicit discharges					
	MP #1: Develop and implement a written program for the to the regulated small MS4.	detection, elimination, and prevention of illicit discharges					
int	MP #1: Develop and implement a written program for the to the regulated small MS4.	detection, elimination, and prevention of illicit discharges					
int (MP #1: Develop and implement a written program for the to the regulated small MS4. For new permittees only, was the written IDD&E program of	detection, elimination, and prevention of illicit discharges					
1. 2. BN and	MP #1: Develop and implement a written program for the to the regulated small MS4. For new permittees only, was the written IDD&E program of ☐ Yes ☐ No Date of latest annual review of IDD&E program: 01/2023	detection, elimination, and prevention of illicit discharges leveloped within one year of permit coverage? Were updates made? Yes No and urbanized area boundaries, the location of all outfalls names of all surface waters that receive discharges from					
1. 2. BN and	MP #1: Develop and implement a written program for the to the regulated small MS4. For new permittees only, was the written IDD&E program of Yes No Date of latest annual review of IDD&E program: 01/2023 MP #2: Develop and maintain map(s) that show permittee and, if applicable, observation points, and the locations and ose outfalls. Outfalls and observation points shall be num	detection, elimination, and prevention of illicit discharges leveloped within one year of permit coverage? Were updates made? Yes No and urbanized area boundaries, the location of all outfalls I names of all surface waters that receive discharges from nibered on the map(s).					
1. 2. BN and the	MP #1: Develop and implement a written program for the to the regulated small MS4. For new permittees only, was the written IDD&E program of Yes No Date of latest annual review of IDD&E program: 01/2023 MP #2: Develop and maintain map(s) that show permittee and, if applicable, observation points, and the locations and lose outfalls. Outfalls and observation points shall be number 1.	detection, elimination, and prevention of illicit discharges leveloped within one year of permit coverage? Were updates made? Yes No and urbanized area boundaries, the location of all outfalls I names of all surface waters that receive discharges from bered on the map(s).					
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1. 2. BN and the	MP #1: Develop and implement a written program for the to the regulated small MS4. For new permittees only, was the written IDD&E program of Yes No Date of latest annual review of IDD&E program: 01/2023 MP #2: Develop and maintain map(s) that show permittee and, if applicable, observation points, and the locations and lose outfalls. Outfalls and observation points shall be numbered you completed a map(s) that includes all components of If Yes and you are a new permittee and have not submitted the If No, date by which permittee expects map(s) to be complete.	detection, elimination, and prevention of illicit discharges leveloped within one year of permit coverage? Were updates made? Yes No and urbanized area boundaries, the location of all outfalls I names of all surface waters that receive discharges from bered on the map(s). of BMP #2? Yes No the map(s) previously, attach the map(s) to this report.					
1. 2. BM and the	MP #1: Develop and implement a written program for the to the regulated small MS4. For new permittees only, was the written IDD&E program of Yes No Date of latest annual review of IDD&E program: 01/2023 MP #2: Develop and maintain map(s) that show permittee and, if applicable, observation points, and the locations and lose outfalls. Outfalls and observation points shall be numbered you completed a map(s) that includes all components of If Yes and you are a new permittee and have not submitted the If No, date by which permittee expects map(s) to be completed and of last update or revision to map(s): 03/2023	detection, elimination, and prevention of illicit discharges leveloped within one year of permit coverage? Were updates made? Yes No and urbanized area boundaries, the location of all outfalls I names of all surface waters that receive discharges from bered on the map(s). of BMP #2? Yes No the map(s) previously, attach the map(s) to this report.					
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☐ Yes ☒ No If Yes, select: ☐ Existing Outfall(s) Identified ☐ New Outfall(s) Proposed

per jur and co	IP #3: In conjunction with the map(s) created under BMP #2 (either on the same map or on a different rmittee shall develop and maintain map(s) that show the entire storm sewer collection system within the isdiction that are owned or operated by the permittee (including roads, inlets, piping, swales, catch basing do any other components of the storm sewer collection system), including privately-owned components of the storm sewer collection system where conveyances or BMPs on private property receive stormwater flows from upstreat components.	permittee's s, channels, ents of the
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 rep	oort.
	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? \square Yes \square No	
3.	Date of last update or revision to map(s): 03/2023	
dis illic or nec	IP #4: Conduct dry weather screenings of MS4 outfalls to evaluate the presence of illicit discharges. It is charges are present, the permittee shall identify the source(s) and take appropriate actions to remove or cit discharges. The permittee shall also respond to reports received from the public or other agencies of confirmed illicit discharges associated with the storm sewer system, as well as take enforcement cessary. The permittee shall immediately report to DEP illicit discharges that would endanger users of me the discharge, or would otherwise result in pollution or create a danger of pollution or would damage	correct any f suspected t action as lownstream
twi obs are	r new permittees, all identified outfalls (and if applicable observation points) must be screened during dry weat ce within the 5-year period following permit coverage. For existing permittees, all identified outfalls (and servation points) must be screen during dry weather at least once within the 5-year period following permit cover as where past problems have been reported or known sources of dry weather flows occur on a continual basis, a screened annually during each year of permit coverage.	if applicable rage and, for
1.	How many unique outfalls (and if applicable observation points) were screened during the reporting period?	8
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:	63 %
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 correct taken in the attachment.	tive action(s)
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.	
	IP #5: Enact a Stormwater Management Ordinance or SOP to implement and enforce a stormwater mogram that includes prohibition of non-stormwater discharges to the regulated small MS4.	anagement
1.	Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that prohibits nor discharges? \boxtimes Yes \square No	n-stormwater
	If Yes, indicate the date of the ordinance or SOP: Ord. No. 01-2023 was adopted at a public meeting held or	n 06/13/23.
2.	If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance BCW0100j) with respect to authorized non-stormwater discharges? ☑ Yes ☐ No	e (3800-PM-
	If Yes to #2 and the ordinance or SOP has not been submitted to DEP previously, attach the ordinance or SOP	

3.		iny violations of the ordinance or SOP during		Yes 🛛 No		
	If Yes to #3, c	complete the table below (attach additional she	eets as necessary).			
Vi	olation Date	Nature of Violation	Responsible Party	Enforcement Taken		
4.		ove any waiver or variance during the reporting an ordinance or SOP? Yes No	g period that allowed ar	n exception to non-stormwater discharge		
	If Yes to #4, id	dentify the entity that received the waiver or va	ariance and the type of r	non-stormwater discharge approved.		
		e educational outreach to public employeend elected officials (i.e., target audiences) a				
1.	Was IDD&E-r period? ⊠ Y	related information distributed to public emplo res	oyees, businesses, and	the general public during the reporting		
	webpage and	was distributed? IDDE information is made d in the Township Office. The Township dev t of illicit discharge reporting as part of the T	veloped an IDDE-spec	cific flyer for first responders regarding		
2.	Is there a well	I-publicized method for employees, businesse	s and the public to repo	rt stormwater pollution incidents?		
	⊠ Yes □	No				
3.	Do you mainta	ain documentation of all responses, action tak	en, and the time require	ed to take action? 🛛 Yes 🗌 No		
МС	M #3 Commer	nts:				
	achment 3.1: N	·				
		Outfall Inspection Report First Responder IDDE Education				
,		·				
		MCM #4 – CONSTRUCTION SITE S	TORMWATER RUN	IOFF CONTROL		
	you relying on Yes 🔲 No	n PA's statewide program for stormwater assoc	ciated with construction	activities to satisfy this MCM?		
(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)		
dis	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.					
		ing period, did you comply with 25 Pa. Code EP or a county conservation district (CCD) has				
	⊠ Yes □	No	olications 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						
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: Ord. No. 01-2023 was adopted at a public meeting held on 06/13/23.						
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:						
A preconstruction meeting is held with applicant, property owner if different from applicant and contractor as part of the drainage & grading permit approval process to discuss project including E&S controls. Construction is not authorized to process until preconstruction meeting is conducted.						
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:						
Please contact the Chester County Conservation District for information relating to MCM 4 tracking.						

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. 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? X Yes X No. If Yes, indicate the date of the ordinance or SOP: Ord. No. 01-2023 was adopted at a public meeting held on 06/13/23. 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. 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? X Yes No If Yes, indicate the date of the ordinance or SOP: Ord, No. 01-2023 was adopted at a public meeting held on 06/13/23. 2. If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? ☐ Yes ☐ No 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? X 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. Londonderry Township inspected PCSM facilities during the reporting period. In the event private BMPs require maintenance, the municipality will contact the responsible party requesting remediation. A reinspection will be performed to ensure proper maintenance has been conducted. 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?

PCSM BMP INVENTORY

Table 1. To complete the information needed for MCM #5, BMP #3, list all <u>existing structural BMPs</u> 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	Barnsgate Detention Basin 1	14.9	Private Entity	39°50′59"	75°53'49"	2002-2005	Outlined in O&M agreement, design plans, and/or the PA DEP BMP Manual	
2	Barnsgate Detention Basin 2	10.3	Private Entity	39°50′46″	75°53′54"	2002-2006	Outlined in O&M agreement, design plans, and/or the PA DEP BMP Manual	
3	Barnsgate Detention Basin 3	12.4	Private Entity	39°51'1"	75°54'16"	2002-2007	Outlined in O&M agreement, design plans, and/or the PA DEP BMP Manual	
4	Barnsgate Detention Basin 4	11.2	Private Entity	39°50′54″	75°54'17"	2002-2008	Outlined in O&M agreement, design plans, and/or the PA DEP BMP Manual	
5	Barnsgate Detention Basin 5	10.4	Private Entity	39°50′52″	75°53'49"	2002-2009	Outlined in O&M agreement, design plans, and/or the PA DEP BMP Manual	
6				0 , ,,	0 , ,,			
7				0 , "	0 , ,,			
8				0 , "	0 , ,,			
9				0 , "	0 , ,,			

10		0 , ,,	0 , ,,		
11		0 , ,,	0 , ,,		
12		0 , ,,	0 , ,,		
13		0 , ,,	0 , "		
14		0 1 11	0 , "		
15		0 , ,,	0 , ,,		
16		0 , ,,	0 , ,,		

ins be	IP #5: Ensure that controls are installed that shall prevent or minimize water quality impacts. The permittee shall spect all qualifying development or redevelopment projects during the construction phase to ensure proper stallation of the approved structural PCSM BMPs. A tracking system (e.g., database, spreadsheet, or written list) shall implemented to track the inspections conducted and to track the results of the inspections (e.g., BMPs were, or were t, 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?
2.	Has a tracking system been established and maintained to record results of inspections?
BN MC	IP #6: Develop a written procedure that describes how the permittee shall address all required components of this CM.
pla	ve you developed a written plan that addresses: 1) minimum requirements for use of structural and/or non-structural BMPs in ns for development and redevelopment; 2) criteria for selecting and standards for sizing stormwater BMPs; and 3) plementation of an inspection program to ensure that BMPs are properly installed? \boxtimes Yes \square No
MC	CM #5 Comments:
	achment 5.1: BMP Inspection Report achment 5.2: BMP Letter
	MCM #6 - POLLUTION PREVENTION / GOOD HOUSEKEEPING
ge	IP #1: Identify and document all operations that are owned or operated by the permittee and have the potential for nerating pollution in stormwater runoff to the MS4. This includes activities conducted by contractors for the rmittee.
pe	
•	Have you identified all facilities and activities owned and operated by the permitee that have the potential to generate stormwater runoff into the MS4? ⊠ Yes □ No
1.	Have you identified all facilities and activities owned and operated by the permitee that have the potential to generate
1.	Have you identified all facilities and activities owned and operated by the permitee that have the potential to generate stormwater runoff into the MS4? ☒ Yes ☐ No
1. 2. 3. BM dis	Have you identified all facilities and activities owned and operated by the permitee that have the potential to generate stormwater runoff into the MS4? ☑ Yes ☐ No When was the inventory last reviewed? 01/2023
1. 2. 3. BM dis	Have you identified all facilities and activities owned and operated by the permitee that have the potential to generate stormwater runoff into the MS4? Yes No When was the inventory last reviewed? 01/2023 When was it last updated? 11/2020 IP #2: Develop, implement and maintain a written O&M program for all operations that could contribute to the charge of pollutants from the MS4, as identified under BMP #1. This program shall address stormwater collection or
1. 2. 3. BM dis	Have you identified all facilities and activities owned and operated by the permitee that have the potential to generate stormwater runoff into the MS4? Yes No When was the inventory last reviewed? 01/2023 When was it last updated? 11/2020 IP #2: Develop, implement and maintain a written O&M program for all operations that could contribute to the scharge of pollutants from the MS4, as identified under BMP #1. This program shall address stormwater collection or inveyance systems within the regulated MS4.
1. 2. 3. BM dis con 1. 2. BM pre	Have you identified all facilities and activities owned and operated by the permitee that have the potential to generate stormwater runoff into the MS4? Yes No When was the inventory last reviewed? 01/2023 When was it last updated? 11/2020 IP #2: Develop, implement and maintain a written O&M program for all operations that could contribute to the charge of pollutants from the MS4, as identified under BMP #1. This program shall address stormwater collection or inveyance systems within the regulated MS4. Have you developed a written O&M program for the operations identified in BMP #1? Yes No
1. 2. 3. BM dis con 1. 2. BM pre	Have you identified all facilities and activities owned and operated by the permitee that have the potential to generate stormwater runoff into the MS4? Yes No When was the inventory last reviewed? 01/2023 When was it last updated? 11/2020 IP #2: Develop, implement and maintain a written O&M program for all operations that could contribute to the charge of pollutants from the MS4, as identified under BMP #1. This program shall address stormwater collection or inveyance systems within the regulated MS4. Have you developed a written O&M program for the operations identified in BMP #1? Yes No Date of last review or update to written O&M program: 01/2023 IP #3: Develop and implement an employee training program that addresses appropriate topics to further the goal of eventing or reducing the discharge of pollutants from operations to the regulated small MS4. All relevant employees
1. 2. 3. BM discol	Have you identified all facilities and activities owned and operated by the permitee that have the potential to generate stormwater runoff into the MS4? Yes No When was the inventory last reviewed? 01/2023 When was it last updated? 11/2020 IP #2: Develop, implement and maintain a written O&M program for all operations that could contribute to the icharge of pollutants from the MS4, as identified under BMP #1. This program shall address stormwater collection or inveyance systems within the regulated MS4. Have you developed a written O&M program for the operations identified in BMP #1? Yes No Date of last review or update to written O&M program: 01/2023 IP #3: Develop and implement an employee training program that addresses appropriate topics to further the goal of eventing or reducing the discharge of pollutants from operations to the regulated small MS4. All relevant employees discontractors shall receive training.

3.	Training topics covered:					
	Londonderry MS4 SWMP, Good Hou Operating Procedures	sekeeping	of th	ne Municipal Fa	cilities, Illicit Di	scharge Control, and Standard
4.	Name(s) of training presenter(s):					
	ARRO Consulting/Londonderry Towns	hip				
5.	Names of training attendees:					
	Six Township Employees					
МС	M #6 Comments:					
	achment 6.1: Staff Training Documents					
Au	aciment 6.1. Stail Training Documents					
	POLLII	TANT CC	ודואר	ROL MEASUR	FS (PCMs)	
Ind	icate the status of implementing PCMs in A				• •	e below. Skip this section if PCMs
are	not applicable.				.p.cgc	
Tas	sk		D	ate Completed	Attached	Anticipated Completion Date
Sto	rm Sewershed Map(s)			N/A		
Sou	urce Inventory			N/A		
Inv	estigation of Suspected Sources			N/A		
Orc	linance/SOP for Controlling Animal Waste	es		N/A		
РС	M Comments:					
	POLLUTANT R	EDUCTIO	N P	LANS (PRPs)	AND TMDL P	LANS
1.	Complete this section if the development latest NOI or application or was required	and submi	ssion	of a PRP and/or egardless of whet	TMDL Plan was ther DEP has ap	s required as an attachment to the proved the plan(s).
	Type of Plan	Submiss Date	ion	DEP Approval Date	Surface V	Naters Addressed by Plan
	Chesapeake Bay PRP (Appendix D)					Chesapeake Bay
	Impaired Waters PRP (Appendix E)					
	TMDL Plan (Appendix F)					
\boxtimes	Combined Chesapeake Bay / Impaired Waters PRP	09/15/20)17	05/15/2019	Chesapeake	Bay, E. Branch Big Elk Creek
	Combined PRP / TMDL Plan					
	Joint Plan (if checked, list the name of th	ne MS4 gro	up or	names of all enti	ities participating	g in the joint plan below)
	Joint Plan Participants:					

2.	Identify the pollutants of concern and pol	lutant load reduction require	ements under the permit (se	ee instructions).
	Type of Plan	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
	Chesapeake Bay PRP (Appendix D)			
	Impaired Waters PRP (Appendix E)			
	TMDL Plan (Appendix F)			
\boxtimes	Combined Chesapeake Bay / Impaired Waters PRP	3,3822.52	-	-
	Combined PRP / TMDL Plan			
3. 4.	Date Final Report Demonstrating Achiev Have any modifications to the plan(s) occ If Yes to #4, was the updated plan(s) sub If Yes to #4, did you comply with the pub If Yes to #4, describe the plan modification Londonderry Township is in the process project. Upon PRP approval from PAD to meet its current 5 year cycle PRP cr partnering municipalities as well as Per committing to the project to fulfill the To Summary of progress achieved during re The Township is in the process of final	curred since DEP approval? mitted to DEP? Yes lic participation requirement ons. s of updating its PRP with EP, Londonderry Township edit requirements. The Town nnDOT to ensure that the in ownship's training requirent sporting period.	Yes No No So of the applicable appending the Big Elk Creek PennD will purchase the require which which will continue to colorequired approvals have benent.	x?
6.	Anticipated activities for next reporting per The Township anticipates resubmitting P/TMDL Plan Comments:		ring the 2023-2024 report	ing year.

NEW BMPs FOR PRP/TMDL PLAN IMPLEMENTATION

Table 2. List all <u>new structural BMPs</u> installed and <u>ongoing non-structural BMPs</u> implemented <u>during the reporting period</u> 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)
1	Big Elk Creek Stream Restoration	N/A	-	3,573	LF	39°47'27"	75°57'22"	2023			4,357.44
						0 , "	0 , "				
						0 1 11	0 , "				
						0 , "	0 , "				
						0 , ,,	0 , ,,				

BMP INVENTORY FOR PRP/TMDL PLAN IMPLEMENTATION

Table 3. List all <u>existing structural BMPs</u> that have been installed in <u>prior reporting periods</u> 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 Inspect -ion	Satis- factory?
						0 , "	0 , ,,				
						0 , "	0 , "				
						0 , "	0 , ,,				
						0 , "	0 , "				
						0 , ,,	0 , ,,				

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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).

Janice H. Hearne	
Name of Responsible Official	Signature
610.869.2138	
Telephone No.	Date