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:	**Borough of Fountain Hill**	NPDES Permit No.:	PA**G132250**
Mailing Address:	**941 Long Street**	Effective Date:	**06.26.2018**
City, State, Zip:	**Fountain Hill, PA 18015**	Expiration Date:	**03.15.2023**
MS4 Contact Person:	**Jason Quarry**	Renewal Due Date:	
Title:	**Interim Borough Manager**	Municipality:	**Borough of Fountain Hill**
Phone:	**610.867.0301**	County:	**Lehigh**
Email:	**boroughmgr@fhboro.org**		

Co-Permittees (if applicable): **N/A**

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

☐ Appendix A ☐ Appendix B ☒ Appendix C ☐ Appendix D ☒ Appendix E ☐ Appendix F

WATER QUALITY INFORMATION

Are there any discharges to waters within the Chesapeake Bay Watershed? ☐ Yes ☒ No

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

Receiving Water Name	Ch. 93 Class.	Impaired?	Cause(s)	TMDL?	WLA?
Lehigh River	WWF, MF	Yes	Urban Runoff/Storm Sewers - Siltation; Combined Sewer Overflow - Suspended Solids; Municipal Point Source - Organic Enrichment/Low D.O.	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	**Borough of Fountain Hill**	**Jason Quarry, Interim Borough Manager**	**610.867.0301**
#2 Public Involvement/Participation	**Borough of Fountain Hill**	**Jason Quarry, Interim Borough Manager**	**610.867.0301**
#3 Illicit Discharge Detection and Elimination (IDD&E)	**Borough of Fountain Hill**	**Jason Quarry, Public Works Supervisor**	**610.867.0301**
#4 Construction Site Storm Water Runoff Control	**Hanover Engineering**	**J. Bradley Youst, PE, Borough Engineer for PC and ZHB**	**610.691.5644**
#5 Post-Construction Storm Water Management in New Development and Redevelopment	**Hanover Engineering**	**J. Bradley Youst, PE, Borough Engineer for PC and ZHB**	**610.691.5644**
#6 Pollution Prevention / Good Housekeeping	**Borough of Fountain Hill**	**Jason Quarry, Public Works Supervisor**	**610.867.0301**

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: **September 2023** Were updates made? ☒ Yes ☐ No

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

The plans and goals of the Public Education and Outreach Plan (PEOP) for the reporting period was to inform as many individuals as possible, including builders, land developers, students, residents, and Municipal employees of the importance of stormwater and the effects stormwater has on water quality and quantity.

The PEOP identified numerous methods for the distribution of information, including the posting of information concerning MS4 regulations on the Borough's website; obtaining and/or developing newsletter articles to be sent to residents and made available on the website; hanging posters provided by the PA DEP and EPA in the Borough building and other public locations; adding information to the digital message board in the Borough lobby; providing public presentations to educate interested residents about stormwater management; providing a presentation to builders and land developers on stormwater management impacts, solutions, and regulatory requirements; providing educational materials on stormwater management to local schools for distribution to students; providing a website link to local schools for stormwater educational games and activity books, e.g., Stormwater Sentries, PA DEP's Kids Activities Book, etc.; locating central information centers in the Borough to post public information concerning stormwater-related issues; distributing "When it Rains, it Drains" brochure through mailings to homes and businesses; enacting Municipal program(s) to identify and label all catch basins; and coordinating with adjacent municipalities to plan for the most effective use of money, staff, and resources to effectively educate citizens about stormwater and its effects.

4. Did the MS4 achieve its goal(s) for the PEOP during the reporting period? ☒ Yes ☐ No

5. Identify specific plans and goals for public education and outreach for the upcoming year:

The Borough should continue maintaining/frequently updating the website to offer new stormwater information, look for methods to continually improve outreach to all target audiences, and maintain postings in public areas. The Borough distributed a newsletter in November 2018; however no newsletters have been distributed since. The Borough should consider newsletters in the future. The Borough should also look to other specific methods identified in the PEOP that are still being developed, including but not limited to, providing public presentations and presentations to builders and land developers, continuing to update the Borough's website to include MS4 and stormwater information, distributing educational materials to schools, enacting Municipal programs to identify and label catch basins, and exploring opportunities with adjacent municipalites. The Borough plans to continue working with the Lehigh County MS4 roundtable group to identify additional measures or collaborations that may be undertaken to increase public involvement and participation.

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

1. For new permittees only, have the target audience lists been developed and implemented within the first year of permit coverage?

☐ Yes ☐ No

2. Date of latest annual review of target audience lists: **September 2023** 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: **September 2023** Were updates made? ☐ Yes ☒ No

3. Do you have a municipal website? ☒ Yes ☐ No (URL: **www.fountainhill.org)**

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

The website has a "Stormwater" specific tab that contains information about the Stormwater Authority and the Borough's Stormwater Management Program including previous years' MS4 Annual Status Reports; Storm Water Management FAQ that provides thorough explanations of the Borough's Stormwater Management Program; EPA's handout titled "Protecting Water Quality from Urban Runoff;" the Credit Policies and Procedures Manual, including the Credit Application, related Agreements/Forms, fee schedule, etc.; an overview of the Borough's MS4 Storm Water Management Program including the "Residential Causus of Stormwater Pollution" brochure, a copy of the Borough's PRP, the PA DEP publication "Homeowners Guide to Stormwater BMP Maintenance," the Fountain Hill Borough MS4 Program PowerPoint presentation made at the Public Meeting initially addressing the proposed stormwater fee; the "Good Housekeeping Practices for…Auto Maintenance, Repair, and Fueling Operations," and pet waste, car washing, and fertilizer EPA posters; Stormwater Authority Meeting Minutes & Agendas; and Financials. All of the documents contained under the Stormwater tab are provided as supplemental information to MCM #1 attached to this Report. The Borough will continue developing material to be published under this tab. The Borough's Code of Ordinances is also available on the website under "Departments" tab and "Code of Ordinances." Website visitors may also click on the "Home" / "Community Links" tab that provides a link to the PA DEP website as well as links to neighboring municipalites who have published MS4 information that would be relevant for the residents of the Borough and information on Recycling and Waste Management under the "Residents & Businesses" tab.

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

Through the Borough's Moving Permit requirement, the Borough is made aware of anyone moving in, out, and/or within the Borough. This provides the Borough with the opportunity to update resident mailing address (for possible future newsletter distribution) as well as providing new residents with approved pamphlets and brochures relating to MS4 and stormwater management.

The Borough initially launched a Facebook page in December 2017, had to temporarily discontinue the page during the Permit Period until a formal Social Media Policy was in place, and relaunched the page during the 2021-2022 reporting period. As of the current reporting period, the Borough's Facebook page currently has 757 people following

the page (an increase of 164 followers since last reporting period). The Borough posts an average of once per day and primarily includes information regarding community events, leaf collection, recycling and waste pickup announcements, Council Agendas and live meeting streams, and Stormwater Authority Agendas. The Borough's Facebook page, and social media in general, is an effective tool for distributing information. Moving forward, the Borough should consider adding more MS4-related information.

The Borough also created a YouTube channel with 19 current subscribers. The Borough has 30 videos (meeting live streams) on the Channel and they have been viewed a total of 544 times, collectively.

Lastly, the Borough's Nixle account currently has 1,122 subscribers. Nixle alerts could act as an effective tool to notify subscribers of community events as well as emergency notifications.

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

The Borough Manager and Stormwater Authority will be working with the Borough Engineer to develop new materials to be used on the website, made available to the public at the Borough Office, and/or published in future Borough Newsletters or social media. The Public Education and Outreach Plan will continue to be implemented and calls for appropriate public education and outreach materials through various effective media, including tracking of accomplishments throughout the permit term. Regular reports to the PA DEP will include copies of all materials presented, distributed, and made available to the public. The Borough will look to add additional MS4-related information under the Stormwater tab on their website.

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).

The Borough is distributing MS4-related material through pamphlets made available at the Borough office and through handouts made available as part of the Moving Permit. The Borough has installed a television in the Lobby that loops various Borough information, including MS4-related materials. Copies of the materials presented are provided as supplemental information to MCM #1 attached to this report.

MCM #1 Comments:

The Borough will plan to improve and frequently update the website to offer new and/or updated stormwater information, look for methods to continually improve public outreach, and maintain postings in public areas.

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: **September 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 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 Borough prepared a new Stormwater Ordinance that complies with the Department's 2022 Model Ordinance. It was discussed during various Stormwater Authority meetings and at the September 21, 2022 where Council recommeded advertisement. The proposed Ordinance was advertised in the Lehigh Valley Press-Salisbury Press on September 28, 2022, no comments were received, and the Borough adopted the Ordinance at the Novermber 7, 2022 Council Meeting. Copies of the Proof of Publication and Meeting Minutes when the new Ordinance was discussed are provided as supplemental information to MCM #2 attached to this report.

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
Ordinance No. 872 - Borough of Fountain Hill Stormwater Management Ordinance	9/28/2022	11/7/2022	11/7/2022

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: **November 14, 2019**

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.

   A Public Meeting was held on November 14, 2019 at the Laros Auditorium at St. Luke's Hospital to explain the Borough's MS4 Program in depth and discuss the soon to be (at that time) established Borough of Fountain Hill Stormwater Authority, the proposed fees, and reasons why the Authority is being established. This was reported in the 2019-2020 MS4 Annual Report.

   The Lehigh Valley Planning Commission (LVPC) formed the Lehigh Valley General Assembly to help prepare for future changes in the Valley. Consistent with the LVPC's mission, it is likely topics relating to MS4 will be discussed during the Assembly meetings. There have been nine (9) meetings to date and the most recent held virtually on March 29, 2023. Representatives from the Borough have been in attendance in the past.

   The Lehigh County Conservation District also hosts an MS4 Roundtable Meeting with all Lehigh County MS4 municipalities invited. These meetings are typically held quarterly and attendees from the Borough and/or Borough Engineer's office are present. Discussion topics range from compliance, inspection, and MS4 management, and many include speakers from agencies such as PA DEP, PA Fish and Boat Commission, PennDOT, etc.

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.

All public meetings have a public involvement component which solicits input from the audience/public. Copies of Borough Council Meeting Minutes and the Stormwater Authority Minutes where MS4-related topics were discussed are provided as supplemental information to MCM #2 attached to this report.

There were two (2) neighborhood "Clean Ups" conducted during the reporting period. This first was in April 2023 and and the second was held on October 5, 2023. These were conducted by the Fountain Hill Community Coalition and no record of amount of trash collect or number of volunteers was reported to the Borough.

The Borough is also encouraging property owners to plant trees on their property and notify the Borough for tracking purposes. The Borough is exploring a way to track tree plantings on their website.

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: **September 2023** Were updates made? ☒ Yes ☐ No

BMP #2: Develop and maintain map(s) that show permittee and urbanized area boundaries, the location of all outfalls and, if applicable, observation points, and the locations and names of all surface waters that receive discharges from those outfalls. Outfalls and observation points shall be numbered on the map(s).

1. Have you completed a map(s) that includes all components of BMP #2? ☒ Yes ☐ No

If Yes and you are a new permittee and have not submitted the map(s) previously, attach the map(s) to this report.

If No, date by which permittee expects map(s) to be completed:

2. Date of last update or revision to map(s): **March 6, 2018**

3. Total No. of Outfalls in MS4: **59** Total No. of Outfalls Mapped: **59**

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

5. During the reporting period, have you identified any existing outfalls that have not been previously reported to DEP in an NOI, application or annual report, or are any new MS4 outfalls proposed for the next reporting period?

☐ Yes ☒ No If Yes, select: ☐ Existing Outfall(s) Identified ☐ New Outfall(s) Proposed

BMP #3: In conjunction with the map(s) created under BMP #2 (either on the same map or on a different map), the permittee shall develop and maintain map(s) that show the entire storm sewer collection system within the permittee's jurisdiction that are owned or operated by the permittee (including roads, inlets, piping, swales, catch basins, channels, and any other components of the storm sewer collection system), including privately-owned components of the

collection system where conveyances or BMPs on private property receive stormwater flows from upstream publicly-owned components.

1. Have you completed a map(s) that includes all components of BMP #3? ☒ Yes ☐ No

   If Yes and you are a new permittee and have not submitted the map(s) previously, attach the map(s) to this report.

   If No, date by which permittee expects map(s) to be completed:

2. If Yes to #1, is the map(s) on the same map(s) as for outfalls and receiving waters? ☐ Yes ☒ No

3. Date of last update or revision to map(s): **June 2020**

BMP #4: Conduct dry weather screenings of MS4 outfalls to evaluate the presence of illicit discharges. If any illicit discharges are present, the permittee shall identify the source(s) and take appropriate actions to remove or correct any illicit discharges. The permittee shall also respond to reports received from the public or other agencies of suspected or confirmed illicit discharges associated with the storm sewer system, as well as take enforcement action as necessary. The permittee shall immediately report to DEP illicit discharges that would endanger users downstream from the discharge or would otherwise result in pollution or create a danger of pollution or would damage property.

For new permittees, all identified outfalls (and if applicable observation points) must be screened during dry weather at least twice within the 5-year period following permit coverage. For existing permittees, all identified outfalls (and if applicable observation points) must be screened 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? 7

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 ☒ N/A

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: **November 7, 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

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? **The brochure "When it Rains, it Drains" has been distributed and made available at the Borough office building. The brochure identifies to readers what constitues the storm sewer and encourages people to look for signs of soil and other pollutants leaving construction sites or tracked onto roads. The brochure implores people to contact the Borough or the PA DEP.**

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

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

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: **November 7, 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: **November 7, 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: **November 7, 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.

   The Borough is in communication as of the date of this report to address repairs identified in the 2020 Inspection. The property was sold during the reporting period and the new management group was not apprised of the ongoing issues with inspection. The Borough and Borough Engineer is working with the current property manager and they have been made aware that there are issues with the spray irrigation system and they are being addressed. It is worth noting that during the Borough's MS4 Inspection with the Department on June 23, 2021 there were no obvious issues observed or noted. The recent email correspondence is provided as a supplement to MCM #5.

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	**Underground detention/retention with spray irrigation**	**2.35**	**Trasom Elm LLC** **24 Maple Street, Marcellus, NY 13108-1257** **Property Address:** **1529 Broadway** **Fountain Hill, PA 18015**	40°35'59"	75°24'10"	**09.2011**	**Semi-Annual**	**PAG02-0039-10-012**
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15				° ' "	° ' "			

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? **September 2023**

3. When was it last updated? **September 2022**

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: **September 2023**

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: **September 2023** Date of latest training: **Ongoing per Training Program, including frequent "Tailgate" meetings.**

3. Training topics covered:

Tailgate Trainings relating to IDD&E and Inlet Filter Bag Cleaning and Maintenance.

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

Tailgate Trainings described above presented by Jason Quarry on the following dates: July 5, 2022, January 2023, February 2023, March 16, 2023, March 17, 2023, April 19, 2023, April 20, 2023, and May 1, 2023.

5. Names of training attendees:

All Public Works Staff.

MCM #6 Comments:

Jones|Carter Engineering online training scheduled Fall 2023 for all Public Works Staff. The Borough pool was in operation in 2021, but not in 2022 or 2023. The status of the pool operation remains unknown at the time, but has been left on the Borough's Facilities Inventory until such time that a decision regarding the pool is made.

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)	**August 8, 2017**	☒	
Source Inventory	**September 2020**	☒	
Investigation of Suspected Sources	**September 2020**	☒	**N/A - Nothing Suspected**
Ordinance/SOP for Controlling Animal Wastes	**N/A**	☐	

PCM Comments:

The Borough and its history was reviewed as part of this Appendix C requirement and no known or suspected inventories were discovered. The PCB impairment that occurs approximately 3 miles downstream of the Borough's boundary is likely due to other potential past or present sources.

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
☐ Chesapeake Bay PRP (Appendix D)			Chesapeake Bay
☒ Impaired Waters PRP (Appendix E)	**September 17, 2017, last revised June 20, 2018**	**June 26, 2018**	**Lehigh River**
☐ TMDL Plan (Appendix F)			
☐ Combined Chesapeake Bay / Impaired Waters PRP			Chesapeake Bay,
☐ 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)
☐ Chesapeake Bay PRP (Appendix D)			
☒ Impaired Waters PRP (Appendix E)	**Total - 29,002.9 10% Reduction - 2,900.3**	**N/A - 5% assumed based on the 10% sediment reduction**	**N/A**
☐ TMDL Plan (Appendix F)			
☐ Combined Chesapeake Bay / Impaired Waters PRP			
☐ 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.

The Borough has been cleaning and maintaining the forty (40) installed inlet filter bags. Please refer to Table 3 below and supplemental information provided in the PRP Implementation section at the end of this Annual Report. The Borough Public Works Department has removed 9,800 pounds (dry weight) of sediment during this reporting period and a total of 21,949 pounds (dry weight) of sediment during this Permit Term. The approved PRP required the Borough to meet 2,900.3 pounds of sedment per year. Based on the performance of the inlet filter bags and proposed future BMPs, the Borough should achieve the required sediment reductions.

6. Anticipated activities for next reporting period.

The Borough will continue to regularly clean (and maintain/replace) the inlet filter bags and assess their efficiencies in relation to the amount of sediment removal needed to fulfill the requirements of the PRP. If shortcomings are anticipated, evaluation and implementation of additional measures will be completed.

The Borough originally prioritized the Warren Street basin retrofit project to assist in fulfilling the PRP requirements, since the basin project was originally planned to be completed in conjunction with the proposed repaving of Warren Street. The Borough was in communication with the property owner of the undeveloped lot which contains the basin and both parties were amenable to the project. The property was then sold, and the new property owner is currently in the process of reanalyzing the existing basin for development of the lot. The Borough will be reviewing the development plans and basin analysis and potentially working with the new property owner to determine the feasibility of the basin to still be retrofitted for the purpose of the Borough's PRP.

In an effort to achieve further sediment reduction, the Borough is also considering various options for a proposed BMP at the Borough Park. Originally, the area above the Borough's pool facility was being considered for the location of the BMP, but with the potential closing and abandonment of the pool facility, the project has been delayed until a final decision is made regarding the status of the pool. If the pool is abandoned, the Borough may decide to utilize the pool location for the BMP. The pool did not open for the 2023 Season, but there are efforts being made to reopen the pool. That being the case, the original location may still be considered; however a final decision has not yet been made.

Any potential revisions to the PRP are temporarily delayed until the developer of the lot on Warren Street finalizes the plans for the development of the parcel and until a final decision is made by Borough Council regarding the future of the pool facility, both of which are expected to proceed/be resolved during 2023-2024.

PRP/TMDL Plan Comments:

NEW BMPs FOR PRP/TMDL PLAN IMPLEMENTATION

Table 2. List all new structural BMPs installed and ongoing non-structural BMPs implemented during the reporting period that are being used toward achieving load reductions in the permittee's PRP and/or TMDL Plan (see instructions).

BMP No.	BMP Name	DA (ac)	% Imp.	BMP Extent	Units	Latitude	Longitude	Date Installed or Implemented	Planning Area?	Ch. 102?	Annual Sediment Load Reduction (lbs/yr)
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	
						° ' "	° ' "		☐	☐	

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 Inspect-ion	Satis-factory?
001-C	Inlet Filter Bag	0.38		0.38	Acres	40°36'10"	75°24'13.6"	2019	* See Individual Sheets	05.01.2023	☒
006	Inlet Filter Bag	0.19		0.19	Acres	40°35'55.5"	75°24'09"	2019		05.01.2023	☒
011-A	Inlet Filter Bag	0.38		0.38	Acres	40°35'51.2"	75°24'08"	2019		05.01.2023	☒
011-B	Inlet Filter Bag	0.38		0.38	Acres	40°35'51.2"	75°24'08"	2019		05.01.2023	☒
016-A	Inlet Filter Bag	0.54		0.54	Acres	40°36'07.2"	75°23'55"	2019		05.01.2023	☒
016-B	Inlet Filter Bag	0.54		0.54	Acres	40°36'07.2"	75°23'55"	2019		05.01.2023	☒
017-A	Inlet Filter Bag	0.55		0.55	Acres	40°36'07.9"	75°23'59.7"	2019		03.17.2023	☒
017-B	Inlet Filter Bag	1.52		1.52	Acres	40°36'07.7"	75°23'59.5"	2019		03.17.2023	☒
017-C	Inlet Filter Bag	0.37		0.37	Acres	40°36'07"	75°23'56"	2019		05.01.2023	☒
019	Inlet Filter Bag	0.37		0.37	Acres	40°36'05.8"	75°23'52.1"	2019		05.01.2023	☒
020	Inlet Filter Bag	0.29		0.29	Acres	40°36'06"	75°23'51.9"	2019		05.01.2023	☒
021-A	Inlet Filter Bag					40°36'02.4"	75°23'55"	2019		05.01.2023	☒
021-B	Inlet Filter Bag					40°36'02.9"	75°23'54.6"	2019		05.01.2023	☒
021-C	Inlet Filter Bag					40°36'05.2"	75°23'52.4"	2019		05.01.2023	☒
021-D	Inlet Filter Bag					40°36'05.5"	75°23'52.0"	2019		05.01.2023	☒

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?
022-A	Inlet Filter Bag					40°36'04.6"	75°23'49.8"	2019		04.20.2023	☒
022-B	Inlet Filter Bag					40°36'05.4"	75°23'51.6"	2019		05.01.2023	☒
038	Inlet Filter Bag	0.08		0.08	Acres	40°36'06.4"	75°23'34.8"	2019		04.20.2023	☒
041	Inlet Filter Bag	0.41		0.41	Acres	40°36'40.9"	75°23'29"	2020		05.01.2023	☒
043	Inlet Filter Bag	0.30		0.30	Acres	40°36'17.7"	75°23'29.6"	2019		05.01.2023	☒
101	Inlet Filter Bag	3.55		3.55	Acres	40°36'25.3"	75°23'45.7"	2020		05.01.2023	☒
102	Inlet Filter Bag	1.09		1.09	Acres	40°36'25.7"	75°23'45.7"	2020		05.01.2023	☒
103	Inlet Filter Bag	1.49		1.49	Acres	40°36'26.5"	75°23'47.2"	2020		05.01.2023	☒
104	Inlet Filter Bag	3.97		3.97	Acres	40°36'26.2"	75°23'47.5"	2020		04.20.2023	☒
105	Inlet Filter Bag	0.57		0.57	Acres	40°35'55.6"	75°24'08.8"	2020		05.01.2023	☒
106-A	Inlet Filter Bag	0.63		0.63	Acres	40°35'53.2"	75°24'08.4"	2020		05.01.2023	☒
106-B	Inlet Filter Bag	0.63		0.63	Acres	40°35'53.2"	75°24'08.4"	2020		05.01.2023	☒
107-A	Inlet Filter Bag	1.05		1.05	Acres	40°35'53.2"	75°24'08.7"	2020		05.01.2023	☒
107-B	Inlet Filter Bag	1.05		1.05	Acres	40°35'53.2"	75°24'08.7"	2020		05.01.2023	☒
108-A	Inlet Filter Bag	1.56		1.56	Acres	40°35'51.2"	75°24'08.4"	2020		05.01.2023	☒
108-B	Inlet Filter Bag	1.56		1.56	Acres	40°35'51.2"	75°24'08.4"	2020		05.01.2023	☒
109	Inlet Filter Bag	0.097		0.097	Acres	40°35'56.3"	75°23'47"	2020		04.20.2023	☒
110	Inlet Filter Bag	2.73		2.73	Acres	40°35'56.6"	75°23'46.8"	2020		04.20.2023	☒

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?
111	**Inlet Filter Bag**	**4.16**		**4.16**	**Acres**	40°35'56.4"	75°23'44.7"	**2020**		**05.01.2023**	☒
112	**Inlet Filter Bag**	**0.86**		**0.86**	**Acres**	40°35'57.7"	75°23'45.4"	**2020**		**05.01.2023**	☒
113-A	**Inlet Filter Bag**	**20.86**		**20.86**	**Acres**	40°35'56.3"	75°23'39.2"	**2020**		**04.20.2023**	☒
113-B	**Inlet Filter Bag**	**7.82**		**7.82**	**Acres**	40°35'56.3"	75°23'38.5"	**2020**		**04.20.2023**	☒
114	**Inlet Filter Bag**	**1.00**		**1.00**	**Acres**	40°36'06.3"	75°23'34.9"	**2020**		**05.01.2023**	☒
115-A	**Inlet Filter Bag**	**1.18**		**1.18**	**Acres**	40°36'06.6"	75°23'33.5"	**2020**		**05.01.2023**	☒
115-B	**Inlet Filter Bag**	**4.72**		**4.72**	**Acres**	40°36'07"	75°23'33.4"	**2020**		**05.01.2023**	☒
116-A	**Inlet Filter Bag**	**0.56**		**0.56**	**Acres**	40°36'08"	75°23'30.7"	**2020**		**05.01.2023**	☒
116-B	**Inlet Filter Bag**	**1.06**		**1.06**	**Acres**	40°36'08.3"	75°23'30.6"	**2020**		**05.01.2023**	☒
								Total Removal for the Reporting Period	**9,800 lbs.**		

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).

Mr. Jason Quarry, Interim Borough Manager	Jason B
Name of Responsible Official	Signature
610.867.0301	9/25/2023
Telephone No.	Date