



ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD June 30, 2021 TO JUNE 30, 2022

GENERAL INFORMATION					
Permittee Name:	City of Monessen	NPDES Permit No.:	PAG136283		
Mailing Address:	575 Donner Avenue	Effective Date:	March 16, 2018		
City, State, Zip:	Monessen, PA 15062	Expiration Date:			
MS4 Contact Person:	Ron Mozer	Renewal Due Date:			
Title:	Mayor	Municipality:	City of Monessen		
Phone:	724-684-9000 x 6	County:	Westmoreland		
Email:	rmozer@cityofmonessen.com				
Co-Permittees (if applicable): N/A					
Appendix(ces) that permittee is subject to (select all that apply):					
<input checked="" type="checkbox"/> Appendix A <input type="checkbox"/> Appendix B <input checked="" type="checkbox"/> Appendix C <input type="checkbox"/> Appendix D <input checked="" type="checkbox"/> Appendix E <input type="checkbox"/> Appendix F					
WATER QUALITY INFORMATION					
Are there any discharges to waters within the Chesapeake Bay Watershed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Identify all surface waters that receive stormwater discharges from the permittee's MS4 and provide the requested information (see instructions).					
Receiving Water Name	Ch. 93 Class.	Impaired?	Cause(s)	TMDL?	WLA?
Monongahela River	WWF	Yes	Appendix C PCB (4)	No	No
UNT to Speers Run		Yes	Appendix A Metals, pH(5) and Appendix E Siltation	No	No
UNT's to Monongahela River (2)		Yes	Appendix B PCB (4)	No	No

GENERAL MINIMUM CONTROL MEASURE (MCM) INFORMATION

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

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

MCM	Entity Responsible	Contact Name	Phone
#1 Public Education and Outreach on Storm Water Impacts	City of Monessen	Ron Mozer	724-684-9000 x 6
#2 Public Involvement/Participation	City of Monessen	Ron Mozer	724-684-9000 x 6
#3 Illicit Discharge Detection and Elimination (IDD&E)	City of Monessen	Ron Mozer	724-684-9000 x 6
#4 Construction Site Storm Water Runoff Control	City of Monessen	Ron Mozer	724-684-9000 x 6
#5 Post-Construction Storm Water Management in New Development and Redevelopment	City of Monessen	Ron Mozer	724-684-9000 x 6
#6 Pollution Prevention / Good Housekeeping	City of Monessen	Rod Freeman	724-684-7810

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: April 19, 2022 Were updates made? Yes No

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

It was the City's intent to upload pamphlets with stormwater management information from SPC's website to the City's website. All pamphlets were added to the updated City website as intended and are available for public review and utilization.

The City added links to the City's website for residents to access SPC, WDC, PaDEP and US EPA sites for additional stormwater management information.

The City planned to continue review and update as necessary the written PEOP in the coming year and place copies within the City building, City garage for the public works employees, the Monessen High School, as well as the local public library.

The City has established an Environmental Advisory Board. The Board has conducted two meetings and have begun work on organizing the City's distribution of recycling bins to residents

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:

Continue to upgrade to their website and upload the stormwater management pamphlets and links to SPC, WDC, PaDEP and US EPA as new information becomes available.

Continue to increase target audience knowledge about the steps that can be taken to reduce stormwater pollution.

Increase target audience knowledge of hazards associated with illegal discharges and improper disposal of waste, including pertinent legal implications.

Implement a diverse program with strategies that are targeted toward audiences most likely to have significant stormwater impacts.

Review the PEOP and update with current information as necessary.

Review the SPC Stormwater Management website for new pamphlets with stormwater management information to post to the City's website and to place in City Hall, the City of Monessen Library and the Monessen High School.

Conduct one advertised public information meeting during a Council meeting to present the status of the City's MS4 program and to solicit comments from the public.

The Environmental Advisory Board comprised of both City representatives and residents within the City will continue to take the lead in the implementation of the Public Outreach and Education program throughout the year.

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: April 19, 2022 Were updates made? Yes No

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

1. For new permittees only, were stormwater educational and informational items produced and published in print and/or on the Internet within the first year of permit coverage?

Yes No

2. Date of latest annual review of educational materials: April 12, 2022 Were updates made? Yes No

3. Do you have a municipal website? Yes No (URL: <https://www.cityofmonessen.com>)

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

The City's website contains instructional stormwater management information from the SPC stormwater website and prepared a comprehensive Stormwater Management (SWM) Information Manual. The SWM Information Manual includes information on common acronyms and definitions, stormwater management, structural BMPs, non-structural BMPs, the MS4 program, quick resource guides for the MS4 program, homeowner's guide to stormwater, winter maintenance BMPs, pet waste cleanup, homeowner car washing techniques, proper lawn maintenance, as well the City's Ordinances for Illicit Discharge Detection and Elimination, MS4 Operations and Maintenance, and MS4 Stormwater Management.

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

A copy of the SWM Information Manual was placed in City Hall for easy reference by property owners.

A copy of the SWM Information Manual was provided to the City of Monessen Library and to the Monessen High School library.

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

Review, update and maintain content and items published annually on the City's website.

Review, update and maintain the content of the SWM Information Manuals located at City Hall, the City of Monessen Library, and the Monessen High School.

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).

Pamphlets with stormwater management information and other water quality topics are uploaded to the City's website.

Additional information was added to the MS4 Stormwater Management Information Manuals that have been compiled in three-ring binders. One manual remains at City Hall for easy reference by property owners. The other two manuals were delivered to the City of Monessen Library and to the Monessen High School library. The public and students will be able to check out the manuals to inform themselves about stormwater and the effects illicit discharges can have on local waterways.

MCM #1 Comments:

The Stormwater Management Information Manual was placed on the City's website in April 2018 and reinstalled in March 2021 during a major website reconstruction. An extensive upgrade to the website has made it more user friendly, provided additional information concerning the City's stormwater management programs, added links to environmental agency websites, and includes a link to a complaint form that anyone can complete and turn into the City to correct an observed stormwater issue.

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: June 23, 2022 Were updates made? Yes No

BMP #2: Advertise to the public and solicit public input on ordinances, SOPs, Pollutant Reduction Plans (PRPs) (if applicable) and TMDL Plans (if applicable), including modifications thereto, prior to adoption or submission to DEP:

1. Was an MS4-related ordinance, SOP, PRP or TMDL Plan developed during the reporting period? Yes No
2. If Yes, describe how you advertised the draft document(s) and how you provided opportunities for public review, input and feedback:

A Stormwater Related Standard Operating Procedures handbook has been updated and is under review by the City and has not been formally accepted during this reporting period. However, the SOP handbook is included within the Annual Report binder located at the City building for public review.

The City has updated its Stormwater Management Ordinance based on the Westmoreland County Model Stormwater Management Ordinance.

3. If an ordinance, SOP or plan was developed or amended during the reporting period, provide the following information:

Ordinance / SOP / Plan Name	Date of Public Notice	Date of Public Hearing	Date Enacted or Submitted to DEP
Stormwater Management Ordinance Ordinance No. 1247		09/14/21	09/14/21

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:

March 21, 2016 Council Public Workshop Meeting to Present MS4 Program; April 21, 2016 Public Hearing for IDD&E Ordinance and MS4 O&M Ordinance; September 19, 2017 Public Hearing for PRP; November 21, 2017 Public Hearing for SWM Ordinance, and September 14, 2021 Public Meeting for revised SWM Ordinance.

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.

None

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.

Community Cleanup Days and Recycling Drop Off Events were held on April 23, 2022, April 17, 2021, September 19, 2020, and April 27, 2019.

MCM #2 Comments:

The City will continue to strengthen existing programs to deal with pet and yard waste, winter maintenance BMP's and illicit discharge identification.

The City will continue its program to mark inlets and storm drains. The City recently purchased a new paint machine that should expedite this process.

The City intends to continue to sponsor an annual clean-up event held on Earth Day on April 23, 2022 targeting both local roadways and City owned parks. Residents along with several clubs from the Monessen High School participated. The City has also coordinated with PennDot to clean and remove the large volume of trash that has collected along Tyrol Boulevard. An additional trash cleanup will occur within the Fall of 2022 at a date to be determined.

The City sponsored another "Electronic Drop-off Day" where residents brought in and discarded unwanted electronics. Approximately three dump truck loads were taken to a Latrobe landfill where they were properly disposed. The City has been experiencing a problem with residents discarding these electronics along roadways and within abandoned houses, so it is their hope that this program will result in less electronics discarded illegally.

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: April 11, 2022 Were updates made? Yes No

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

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

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

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

2. Date of last update or revision to map(s): June 23, 2022

3. Total No. of Outfalls in MS4: 47 Total No. of Outfalls Mapped: 47

4. Total No. of Observation Points: 47 Total No. of Observation Points Mapped: 47

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 23, 2022

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? 0

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

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

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

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

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

Yes No

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

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

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

If Yes, indicate the date of the ordinance or SOP: November 21, 2017 and September 14, 2021

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.

N/A

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? Illicit Discharge Reporting Form, the Illicit Discharge Hotline Incident Tracking Form, and the Best Management Practices for Stormwater Management on Construction Sites

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:

IDD&E Protocol was developed and will be distributed to public employees, businesses and the general public via the City's webpage as well as within the Appendices of the Standard Operating Procedures Handbook distributed to the Public Works Employees. The website contains all complaint and educational forms available to the public for review and use.

A copy of the IDD&E Outfall Screening Summer 2019 Inspection Report is available within the Annual Report binder located at the City building for public review.

Further investigation has been completed on several of the suspected illicit outfalls during this reporting period and we have concluded they are being spring fed and not considered illicit, however several appear to contain acid mine drainage and will need tested. Several labs will be contacted to determine testing protocol and samples will be taken during the 2022-2023 reporting period and sent to the lab for testing. Once lab results have been obtained, a mitigation plan will be developed.

MCM #4 – CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

Are you relying on PA's statewide program for stormwater associated with construction activities to satisfy this MCM?

Yes No

(If Yes, respond to questions for BMP Nos. 1, 2 and 3 only in this section. If No, respond to questions for all BMPs in this section)

BMP #1: The permittee may not issue a building or other permit or final approval to those proposing or conducting earth disturbance activities requiring an NPDES permit unless the party proposing the earth disturbance has valid NPDES Permit coverage (i.e., not expired) under 25 Pa. Code Chapter 102.

During the reporting period, did you comply with 25 Pa. Code § 102.43 (relating to withholding building or other permits or approvals until DEP or a county conservation district (CCD) has approved NPDES permit coverage)?

Yes No Not Applicable (no building permit applications received)

BMP #2: A municipality or county which issues building or other permits shall notify DEP or the applicable CCD within 5 days of the receipt of an application for a permit involving an earth disturbance activity consisting of one acre or more, in accordance with 25 Pa. Code § 102.42.

During the reporting period, did you comply with 25 Pa. Code § 102.42 (relating to notifying DEP/CCD within 5 days of receiving an application involving an earth disturbance activity of one acre or more)?

Yes No Not Applicable (no building permit applications received)

BMP #3: Enact, implement and enforce an ordinance or SOP to require the implementation and maintenance of E&S control BMPs, including sanctions for non-compliance, as applicable.

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of E&S control BMPs? Yes No

If Yes, indicate the date of the ordinance or SOP: April 21, 2016

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: N/A

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: N/A

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: N/A

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:

N/A

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: Zero (0)

MCM #4 Comments:

There has been no new development within the City during the current reporting period.

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: April 21, 2016
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:
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.

There have been no development or redevelopment projects in the permitted area that disturbed greater than or equal to one acre or projects less than one acre that are part of a larger common plan of development or sale.

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): 0
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	N/A			o ' "	o ' "			
2				o ' "	o ' "			
3				o ' "	o ' "			
4				o ' "	o ' "			
5				o ' "	o ' "			
6				o ' "	o ' "			
7				o ' "	o ' "			
8				o ' "	o ' "			
9				o ' "	o ' "			
10				o ' "	o ' "			
11				o ' "	o ' "			
12				o ' "	o ' "			
13				o ' "	o ' "			
14				o ' "	o ' "			
15				o ' "	o ' "			
16				o ' "	o ' "			

BMP #5: Ensure that controls are installed that shall prevent or minimize water quality impacts. The permittee shall inspect all qualifying development or redevelopment projects during the construction phase to ensure proper installation of the approved structural PCSM BMPs. A tracking system (e.g., database, spreadsheet, or written list) shall be implemented to track the inspections conducted and to track the results of the inspections (e.g., BMPs were, or were not, installed properly).

1. During the reporting period have you inspected all qualifying development and redevelopment projects during the construction phase to ensure proper installation of approved structural BMPs?
 Yes No Not Applicable (no qualifying projects during reporting period)
2. Has a tracking system been established and maintained to record results of inspections?
 Yes No

BMP #6: Develop a written procedure that describes how the permittee shall address all required components of this MCM.

Have you developed a written plan that addresses: 1) minimum requirements for use of structural and/or non-structural BMPs in plans for development and redevelopment; 2) criteria for selecting and standards for sizing stormwater BMPs; and 3) implementation of an inspection program to ensure that BMPs are properly installed? Yes No

MCM #5 Comments:

No new development has occurred within the City during the reporting period.

The City has specified in the MS4 O&M Ordinance, the IDD&E Ordinance and the SWM Ordinance that BMPs must meet the purposes and requirements of the Ordinances and to meet all requirements under Title 25 of the Pennsylvania Code and the Clean Streams Law. The Ordinances reference that various BMPs and their design standards are listed in DEP's Erosion and Sediment Pollution Control Program Manual.

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? April 12, 2022, does not include contractors
3. When was it last updated? June 23, 2022, does not include contractors

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: April 12, 2022

BMP #3: Develop and implement an employee training program that addresses appropriate topics to further the goal of preventing or reducing the discharge of pollutants from operations to the regulated small MS4. All relevant employees and contractors shall receive training.

1. Have you developed an employee training program? Yes No

2. Date of last review or update to training program: May 24, 2021 Date of latest training: NA

3. Training topics covered:
4. Name(s) of training presenter(s):
5. Names of training attendees:

MCM #6 Comments:

There has been no new development within Monessen, but that does not mean there hasn't been other construction activities that include utility work, road paving and demolition of structures. Monessen has developed a Contractor Concrete Fact Sheet pertaining to Stormwater Runoff through Construction Sites and it has been added to their webpage for reference and these materials are included in the 2022 Annual Progress Report. The Public Works department will hold a training session in the Fall of 2022 to review the updated Standard Operating Procedures Handbook.

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)		<input checked="" type="checkbox"/>	12/30/2022
Source Inventory	NA	<input type="checkbox"/>	
Investigation of Suspected Sources	NA	<input type="checkbox"/>	
Ordinance/SOP for Controlling Animal Wastes		<input checked="" type="checkbox"/>	10/30/2020

PCM Comments:

The storm sewershed map is completed with the exception of the drainage areas for each outfall, which will be added during the winter of 2022.

POLLUTANT REDUCTION PLANS (PRPs) AND TMDL PLANS

1. Complete this section if the development and submission of a PRP and/or TMDL Plan was required as an attachment to the latest NOI or application or was required by the permit, regardless of whether DEP has approved the plan(s).

Type of Plan	Submission Date	DEP Approval Date	Surface Waters Addressed by Plan
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			Chesapeake Bay
<input checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)	09/17/2017	03/19/2018	Monongahela River, UNT to Speers Run, UNTs to Monongahela River
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			Chesapeake Bay,
<input type="checkbox"/> Combined PRP / TMDL Plan			

Joint Plan (if checked, list the name of the MS4 group or names of all entities participating in the joint plan below)
Joint Plan Participants:

2. Identify the pollutants of concern and pollutant load reduction requirements under the permit (see instructions).

Type of Plan	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
<input type="checkbox"/> Chesapeake Bay PRP (Appendix D)			
<input checked="" type="checkbox"/> Impaired Waters PRP (Appendix E)	68,816.19	---	---
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			
<input type="checkbox"/> Combined PRP / TMDL Plan			

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: March 15, 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 City has fallen behind pace with the proposed Year 5 implementation of BMPs as outlined within the approved Pollution Reduction Plan (PRP). They have continued with their street sweeping, inlet repair and inlet cleaning program. They also have restored 100 LF of stream channel within UNT #2 to the Monongahela River.

6. Anticipated activities for next reporting period.

The City intends to install the remaining 25 water quality inlet filter bags throughout the impacted watersheds as well as restore an additional 300 linear feet of stream channel along Grand Boulevard and install a hydrodynamic separator along Tyrol Boulevard.

PRP/TMDL Plan Comments:

The City intends to continue to implement all of the proposed BMP's as per the schedule within the approved PRP during upcoming the 2023 reporting period, as well as continue to install those BMPs supposed to be installed within YEAR 5 (2022). Although not specifically included within the PRP, the City public works department has continued to implement its policy to clean inlets and stormpipes, as well as contract out inlet repairs and replacements where needed within the MS4 watersheds. During this reporting period, the City cleaned approximately 22 inlets and repaired and/or replaced approximately 14 inlets. The City's Vactor Truck was down for repairs from March 2022 to June 2022, which slowed the progress of inlet cleanings. The City also has continued to use the street sweeper purchased during the last reporting

period and has continued its efficient use in keeping sediment and garbage from entering the storm sewer system within the MS4 area removing approximatel 13,733 cubic yards of material from the City streets prior to entering the storm system. These activities are not reflected within the sediment load reduction calculations, however, it demonstrates how the City is continuing to raise awareness among their employees and implement methods and strategies within their budgetary constraints to reduce pollutants entering the MS4 watersheds during the post COVID pandemic era.

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)
3	UNT #2 to Mon River Stream Restoration		31	100	LF	40°09'35"	79°52'07"	06/01/22	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4488.00
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						o ' "	o ' "		<input type="checkbox"/>	<input type="checkbox"/>	

BMP INVENTORY FOR PRP/TMDL PLAN IMPLEMENTATION

Table 3. List all existing structural BMPs that have been installed in prior reporting periods and are eligible to use toward achieving load reductions in the permittee's PRP and/or TMDL Plan (see instructions).

BMP No.	BMP Name	DA (ac)	% Imp.	BMP Extent	Units	Latitude	Longitude	Date Installed	Annual Sediment Load Reduction (lbs/yr)	Date of Latest Inspection	Satisfactory?
1	UNT #1 Stream Restoration	230	31	500	LF	40°08'40"	79°52'31"	05/24/2018	22,440	6/22/21	<input checked="" type="checkbox"/>
2	Water Quality Inlet Filter Bags along Monessen Boulevard Corridor tributary to UNT #1	10	31	10	EA	40°08'30"	79°52'45"	08/09/2021	6173.88	6/30/22	<input checked="" type="checkbox"/>
						o ' "	o ' "				<input type="checkbox"/>

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						o ' "	o ' "				<input type="checkbox"/>
						o ' "	o ' "				<input type="checkbox"/>
						o ' "	o ' "				<input type="checkbox"/>

CERTIFICATION

For PAG-13 Permittees: I have read the latest PAG-13 General Permit issued by DEP and agree and certify that (1) the permittee continues to be eligible for coverage under the PAG-13 General Permit and (2) the permittee will continue to comply with the conditions of that permit, including any modifications thereto. I understand that if I do not agree to the terms and conditions of the PAG-13 General Permit, I will apply for an individual permit within 90 days of publication of the General Permit. I also acknowledge that any facility construction needed to comply with the General Permit requirements shall be designed, built, operated, and maintained in accordance with operative laws and regulations.

For All Permittees: I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Ron Mozer (Mayor)

Name of Responsible Official

(724) 684-9000 x 6

Telephone No.

Signature

Date