



## ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

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

GENERAL INFORMATION					
Permittee Name:	Irwin Borough	NPDES Permit No.:	PAG136164		
Mailing Address:	424 Main Street	Effective Date:	March 16, 2018		
City, State, Zip:	Irwin, PA 15642	Expiration Date:	March 15, 2025		
MS4 Contact Person:	Shari Martino	Renewal Due Date:	Sept 15, 2022		
Title:	Irwin Borough Manager	Municipality:	Irwin Borough		
Phone:	724-864-3100	County:	Westmoreland		
Email:	s.martino@irwinborough.org				
Co-Permittees (if applicable):					
Appendix(ces) that permittee is subject to (select all that apply):					
<input checked="" type="checkbox"/> Appendix A <input checked="" type="checkbox"/> Appendix B <input 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?
Coal Run		Yes	Siltation		
Brush Creek		Yes	Metals, pH		
Tinkers Run		Yes	Channelization - Siltation		
Turtle Creek		Yes	Metals, pH		

### 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	Irwin Borough Manager	Shari Martino	724-864-3100
#2 Public Involvement/Participation	Irwin Borough Manager	Shari Martino	724-864-3100
#3 Illicit Discharge Detection and Elimination (IDD&E)	Irwin Borough Manager	<b>Randy Altman/Matt Sever</b>	724-864-3100
#4 Construction Site Storm Water Runoff Control	Planning/Zoning Manager	Shari Martino/Steve Schmitt	724-864-3100
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Planning/Zoning Manager	Shari Martino/Steve Schmitt	724-864-3100
#6 Pollution Prevention / Good Housekeeping	Public Works Supervisor	Randy Altman	724-864-3105

### 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: **7/2021** Were updates made? ☒ Yes ☐ No

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

Public education and outreach materials are always being updated on the Borough's website. There are numerous brochures and handouts in the hall of the Borough building. There is also information in the council chambers. **The Borough manager talked to 5<sup>th</sup>-8<sup>th</sup> graders at the Queen of Angels school regarding stormwater. The annual stormwater coloring contest (ages 2-16) was held along with the annual newsletter highlighting the MS4 program. There is a monthly Facebook post about MS4. Public education signs were installed at various parks, including Irwin Park where stormwater projects have been completed. The newsletter that includes various MS4 information was distributed to every Borough resident in October 2022. Irwin Borough Professionals Association distributed stormwater activity packets geared towards kids. The IBPA also distributed solvent disposal and flood preparedness information to other community members. The annual Duck Race occurred in September 2022 and on June 24, 2023.**

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 will continue the stormwater talks to the Queen of Angels 5<sup>th</sup>-8<sup>th</sup> graders and will continue their annual newsletter. There is an upcoming rain barrel program hosted by the Borough that is aimed to become an annual event. The newsletter includes stormwater, MS4 and relative events throughout the Borough, The newsletter is distributed to every Borough resident. A stormwater coloring book will be distributed at the Halloween parade in October 2023. The annual Duck Race will continue throughout next year's reporting period.**

**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: **7/2021**

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: 4/13/21

Were updates made? ☒ Yes ☐ No

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

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

There are numerous links to stormwater related information. Previous years' annual MS4 reports can be found on this website. There are also links to the various stormwater subjects through the WCD.

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

There are numerous handouts available at the Borough office.

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

There will be information distribution at the duck race in 2024. The Borough will continue with distribution of Every Door Delivery of the newsletter and distribute them at the Borough office.

**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).

There are numerous displays, posters, pamphlets, and brochures at the Borough office. Irwin Borough's Facebook page contains MS4 information. There was a storm drain coloring contest in the Spring of 2023. Public service announcements are read at each monthly meeting. The Borough plans to host a rain barrel workshop in 2024. The Borough distributed to IBPA activity package and an MS4 slideshow to be distributed/presented at their meetings. The Halloween Parade will be on 10/28/2023 where the Borough will hand out 300 bags to kids with each bag containing a stormwater coloring packet.

**MCM #1 Comments:**

**MCM #2 – PUBLIC INVOLVEMENT/PARTICIPATION**

**BMP #1: Develop, implement and maintain a written Public Involvement and Participation Program (PIPP)**

1. For new permittees only, was the PIPP developed and implemented within one year of permit coverage?

☐ Yes ☐ No

2. Date of latest annual review of PIPP: **7/2021**

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:

**SWM ordinance was available to view at public meetings.**

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
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**BMP #3: Regularly solicit public involvement and participation from the target audience groups using available distribution and outreach methods.**

1. At least one public meeting or other MS4 event must be held during the 5-year permit coverage period to solicit participation and feedback from target audience groups. Was this meeting or event held during the reporting period?

☒ Yes ☐ No If Yes, Date of Meeting or Event:

2. Report instances of cooperation and participation in MS4 activities; presentations the permittee made to local watershed and conservation organizations; and similar instances of participation or coordination with organizations in the community.

The annual duck race was held in June and September of 2023. Looking ahead, the Borough has hosted a rain barrel workshop in August of 2022 in cooperation with the Penn State Extension. There was a stormwater-themed coloring contest held in spring 2023.

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.

There was a coloring contest in May 2022. There will be the Duck Race in September 2022. The Borough recruited volunteers from local churches for stream buffer planting. The Boy Scouts are planting and stabilizing a hillside next to a storm sewer in Irwin Park that will help reduce sediment runoff into that storm sewer.

**MCM #2 Comments:**

The Borough Manager attends the Irwin Business Professional Association (IBPA) meetings twice a month. At these meetings, the Borough passes along stormwater related information. The Manager also attends monthly Chamber meetings and attends Norwin Rotary meetings monthly with updates on projects including the MS4 program. The engineer also makes PSA's at each public meeting.

**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: **7/2021** 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: **2022**

2. Date of last update or revision to map(s): **7/2021**

3. Total No. of Outfalls in MS4: **30** Total No. of Outfalls Mapped: **30**

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

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): **7/2022**

**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?
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:
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
March 23'	A business owner poured bubble solvent down Main Street's storm drains at the St. Patrick Day Food Festival	Main Street business owner	A written letter of violation presented to business owner

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.

There is a complaint form available on the Borough's website. The manager receives the complaint and delegates to the appropriate personnel to handle the situation and take corrective actions.

**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?

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

☒ Yes ☐ No

3. Do you maintain documentation of all responses, action taken, and the time required to take action? ☒ Yes ☐ No

**MCM #3 Comments:**

#### **MCM #4 – CONSTRUCTION SITE STORMWATER RUNOFF CONTROL**

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

☒ Yes ☐ No

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

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

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

☒ Yes ☐ No ☐ Not Applicable (no building permit applications received)



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

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

☒ Yes ☐ No ☐ Not Applicable (no building permit applications received)

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

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

If Yes, indicate the date of the ordinance or SOP: December 2020

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: 3

**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: 3

**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: 0

**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:

E&S issues are discussed at pre-con and construction meetings. Construction site runoff flyers to be included in building permit applications and included with actual permits.

**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: 0

**MCM #4 Comments:**

The PADEP's construction site flyer will be handed out with each construction activity that requires E & S.

**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: December 2020
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.

*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): **1**
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	Victoria Estates Pond at Barnes Lake Road (SWM-1)	2.7	Irwin Borough	40°18'45"	79°41'56"			
2	Victoria Estates Pond at Victoria Lane (SWM-2)	5.7	Irwin Borough	40°18'53"	79°42'02"		Needs the CMP riser to be replaced.	
3	Summerfield Estates Detention Pipe (SWM-3)	4.3	Irwin Borough	40°18'50"	79°41'52"			
4	First Presbyterian Church of Irwin Parking Lot Detention Swale (SWM-7)	0.3	First Presbyterian Church of Irwin	40°19'43"	79°42'34"			
5	Chase Bank		Chase Bank	40°19'26"	79°41'55"			
6				0 1 "	0 1 "			
7				0 1 "	0 1 "			
8				0 1 "	0 1 "			
9				0 1 "	0 1 "			
10				0 1 "	0 1 "			
11				0 1 "	0 1 "			
12				0 1 "	0 1 "			
13				0 1 "	0 1 "			
14				0 1 "	0 1 "			

**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? March 2021

**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: March 2021

**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: Ongoing Date of latest training: Ongoing

3. Training topics covered:

**Three Rivers Wet Weather Conference**

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

**ALCOSAN**

5. Names of training attendees:

**Randy (public works), Matt (public works) and Kaitlyn (office staff member) attended the Three Rivers Wet Weather Conference in November 2022.**

**MCM #6 Comments:**

**Shari (Borough Manager) attended the Westmoreland County Municipal Roundtable, DCNR Pollinator training and Watershed Friendly course. She is currently looking into becoming a watershed steward. She is also planning to attend a PASB Stormwater Management class in September 2023.**

**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)	2017	<input type="checkbox"/>	
Source Inventory		<input type="checkbox"/>	
Investigation of Suspected Sources		<input type="checkbox"/>	
Ordinance/SOP for Controlling Animal Wastes	7/13/1992	<input type="checkbox"/>	

**PCM Comments:**

**The Public Works garage gets cleaned regularly and the lot for the future fire department has undergone cleanings as well. The Borough uses vinegar spray for vegetation management.**

**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)		3/16/2018	Brush Creek and UNTs to Tinkers Run
<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)	<b>46,055</b>	<b>37</b>	
<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: **3/15/2023**

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.

A streambank restoration project designed through the WCD consisting of boulders, log vane deflectors, bank regrading of approximately 800 feet of stream reach of a tributary to Tinkers Runn in Irwin Park. Construction was completed in Fall 2022.

Two stormwater rain gardens were designed by the WCD to serve an existing parking lot in Irwin Park. The rain garden construction was completed in last reporting period. The stormwater rain garden that was constructed around the walking track was completed in Fall 2022.

A new project a Penglyn field will take place where the fields will be flipped to reduce baseball infield sediment runoff from entering the MS4 system.

Street sweeping and inlet cleaning collected an estimated total of 16,360 lb of debris (not including leaves picked up during October and November during the reporting period. Of this gross amount of debris, an estimated 6,653 lb was calculated to be TSS. Note that DEP allows for only up to 50% of the total TSS required reduction to be accomplished through street sweeping and inlet cleaning.

6. Anticipated activities for next reporting period.

Street sweeping, inlet cleaning will continue throughout the next reporting period. A new street sweeper was purchased that will improve collection performance.

Retrofit of an existing under-performing stormwater detention pond at the cul-de-sac end of Victoria Lane.

The Borough has received a grant to replace 8 storm inlets and 2<sup>nd</sup> Street parking lot upgrades to the existing stormwater ponds.

**PRP/TMDL Plan Comments:**

Trees were planted along the stream for a stream restoration project through TreeVitalize. An estimated 43,986 lb of TSS load reduction was achieved for the reporting period.

### 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)
	Stream Restoration (800' in Irwin Park)					40°19'37.8"	79°42'27.5"	2022	<input checked="" type="checkbox"/>	<input type="checkbox"/>	35,904
	Irwin Park Track Rain Garden	1.5	25			40°19'37"	79°42'24"	2022	<input checked="" type="checkbox"/>	<input type="checkbox"/>	562
	Irwin Park Parking Lot Pond	1.2	60			40°19'39"	79°42'35"	2022	<input checked="" type="checkbox"/>	<input type="checkbox"/>	867
	Inlet Cleaning / Street Sweeping					0 1 "	0 1 "	2022	<input checked="" type="checkbox"/>	<input type="checkbox"/>	6,653
						0 1 "	0 1 "		<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?
											<input type="checkbox"/>
											<input type="checkbox"/>
											<input type="checkbox"/>
						0 1 "	0 1 "				<input type="checkbox"/>



						O	1	11	O	1	11					<input type="checkbox"/>
						O	1	11	O	1	11					<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).

Shari Martino

Name of Responsible Official

724-864-3100

Telephone No.

Shari Martino

Signature

9/26/2023

Date