



ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2023 TO JUNE 30, 2024

GENERAL INFORMATION					
Permittee Name:	West Sadsbury Township	NPDES Permit No.:	PAG130170		
Mailing Address:	6400 North Moscow Road	Effective Date:	March 16, 2018		
City, State, Zip:	Parkesburg, PA 19365	Expiration Date:	March 15, 2023		
MS4 Contact Person:	Herbert Myers	Renewal Due Date:	September 30, 2022		
Title:	Township Supervisor	Municipality:	West Sadsbury Township		
Phone:	610-857-5969	County:	Chester		
Email:	hmyers@westsadsburytwp.org				
Co-Permittees (if applicable): N/A					
Appendix(ces) that permittee is subject to (select all that apply): <input type="checkbox"/> Appendix A <input type="checkbox"/> Appendix B <input type="checkbox"/> Appendix C <input checked="" 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 checked="" type="checkbox"/> Yes <input 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?
Valley Creek	TSF,MF	Yes	Nutrients, Siltation	No	No
Pine Creek	TSF,MF	Yes	Nutrients, Siltation	No	No
East Branch Octoraro	TSF,MF	Yes	Nutrients, Siltation	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	Secretary / Treasurer	Chelsy Oswald	610-857-5969
#2 Public Involvement/Participation	Secretary / Treasurer	Chelsy Oswald	610-857-5969
#3 Illicit Discharge Detection and Elimination (IDD&E)	Roadmaster	Jason Chapman	484-905-3110
#4 Construction Site Storm Water Runoff Control	Roadmaster	Jason Chapman	484-905-3110
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Roadmaster	Jason Chapman	484-905-3110
#6 Pollution Prevention / Good Housekeeping	Roadmaster	Jason Chapman	484-905-3110

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: May 8, 2024 Were updates made? ☒ Yes ☐ No

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

Plans and Goals for the 2023-2024 reporting period included:

*Develop publications regarding the PRP project, Officers Run at Strasburg Road Streambank Stabilization Project;

*Complete a Public Comment Period for the PRP project, Officers Run at Strasburg Road Streambank Stabilization Project;

Complete outreach and coordination of one-on-one meetings with landowners regarding stream erosion and drainage issues, notably for landowners along Zook Road and Lower Valley Road/South Lenover Road. Assess opportunities for repairs;

*Continue on-going general stormwater / MS4 awareness through newsletter, website, Township meetings, and with permit issuance;

*Continue partnership with the OWA in events and distribution of information;

*Provide educational pamphlets and flyers to the public about stormwater impact efforts;

*Expand PEOP based on findings from the expansion of MCMs #3 and #6 to further develop relevant, measurable goals, and update the TAG list.

*Flyers, letters and other forms of educational outreach will be developed for distribution related to issues observed during MS4 inspections. These educational outreach materials will be the first step in enforcement of dumping/illicit discharge issues.

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 publications regarding the construction of the PRP project, Officers Run at Strasburg Road Streambank Stabilization Project which will be completed this fall;
 *Continue outreach and coordination of one-on-one meetings with landowners regarding stream erosion and drainage issues, notably for landowners along Zook Road and Lower Valley Road/South Lenover Road. Assess opportunities for repairs;
 *Continue on-going general stormwater / MS4 awareness through newsletter, website, Township meetings, and with permit issuance;
 *Continue partnership with the OWA in events and distribution of information;
 *Expand PEOP based on findings from the expansion of MCMs #3 and #6 to further develop relevant, measurable goals, and update the TAG list.
 *Flyers, letters and other forms of educational outreach will be developed for distribution related to issues observed during MS4 inspections. These educational outreach materials will be the first step in enforcement of dumping/illicit discharge issues.

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: May 8, 2024 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: May 8, 2024 Were updates made? ☐ Yes ☒ No
3. Do you have a municipal website? ☒ Yes ☐ No (URL: <http://www.westsadsburytp.org/>)

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

- *Basic information on watersheds, stormwater, and pollution prevention strategies
- *Illicit discharge information and complaint forms
- *Stormwater BMP maintenance guidance
- *Watershed stewardship
- *Streamside living
- *Stormwater no-no's
- *Pet waste management
- *Fertilizer application requirements
- *Octoraro Creek Watershed Association information

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

- *Notifications to residents regarding septic pumping (on-going);
- *One-on-one meetings with landowners regarding stream erosion and drainage issues along Zook Road and Lower Valley Road/South Lenover Road, and Woodland View Development;

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

- *The PRP Amendment was approved at December 2023 board meeting. The amendments included identification of the Officers Run at Strasburg Road Stream Restoration Project as the priority BMP to satisfy the Township's PRP requirements.
- *Publications regarding the PRP project, Officers Run at Strasburg Road Streambank Stabilization Project will be developed for public education and awareness.
- *Flyers, letters, and other forms of educational outreach will be developed for distribution related to issues observed during MS4 inspections. These educational outreach materials will be the first step in enforcement of dumping / illicit discharge issues.
- *Expand the PEOP to further develop relevant, measurable goals, and update the TAG list.

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).

- *West Sadsbury Township Stormwater Management Program website - updated routinely;
- *Emails and one-on-one meetings with the landowner for the PRP project, Officers Run at Strasburg Road Streambank Stabilization Project;

MCM #1 Comments:

West Sadsbury Township has been without a Township Manager for 4 years, has one full-time road master and one part-time assistant to help the road master. This limited staffing inhibited progress with some of the MS4 targets. Progress towards the educational outreach goals related to the PRP was made during the permit year through the public comment period completion and DEP approval of the PRP amendments that identify the Officers Run at Strasburg Road Streambank Restoration Project as the priority BMP for implementation to achieve the Township's pollutant reduction requirements.

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: May 8, 2024 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:

West Sadsbury Township developed an updated Stormwater Management Ordinance in 2022 (Ordinance No. 2-2022) to be consistent with the DEP 2022 Model Ordinance Requirements and with the Chester County Model Ordinance. This 2022 ordinance has repealed and replaced West Sadsbury Township's 2014 Stormwater Management Ordinance. At the September 13, 2022 Board of Supervisors Meeting, it was approved to hold a public meeting on September 27, 2022 which enacted the updated ordinance. The updated ordinance was advertised in the Daily Local News publication on 9/19/22. The updated ordinance was submitted to DEP as part of the 2022 Annual 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

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: May 14, 2024

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.

In coordination with the Township, landowner, Jacob King, signed an easement agreement to allow the Officers Run Streambank Stabilization Project to be constructed with funding through Chester County Conservation District's C3AP Funding and NFWF Funding. Construction is scheduled to begin in October 2024. The easement agreement also includes post construction monitoring and maintenance requirements to ensure long-term success of this restoration project.

The Township continues to engage with landowners off of Zook Road and Lower Valley Road/South Lenover Road to discuss on-going drainage stormwater drainage and erosion issues in this area, as well as the Woodland View Development which has been experiencing storm drain issues. The Township is investigating options to address these on-going erosion and drainage issues, with assessment for repair opportunities to take place in 2025.

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.

The PRP Amendment was discussed during public comment at the 11/14/23 public meeting and was approved at the 12/12/23 public meeting.

Discussion of the C3AP and NFWF construction funding awards for the Officers Run Streambank Restoration Project were discussed at the April 9, 2024 public meeting.

MCM #2 Comments:

During the 2023-2024 reporting year, the Township underwent the required public comment period and approved an amendment to their PRP to specifically identify the Officers Run at Strasburg Road Streambank Stabilization Project site as a proposed PRP BMP.

Progress updates on the construction of the Officers Run Streambank Restoration Project are anticipated at public meetings during the 3rd and 4th Quarter 2024.

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: May 8, 2024 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 15, 2020

3. Total No. of Outfalls in MS4: 13 Total No. of Outfalls Mapped: 13

4. Total No. of Observation Points: 12 Total No. of Observation Points Mapped: 12

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): October 5, 2023

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? 10
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: September 27, 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 Township website has basic illicit discharge information (i.e. Propoer pet waste and yard waste management), emergency contact information, and access to the IDD&E complaint form.

*The Township annually notifies property owners with on-lot sanitary sewer systems to pump their tanks; enforcement is performed if pumping does not occur.

*The Township developed and distributed additional fact sheets on proper yard waste management, illegal dumping, winter maintenance, and Contractor's Dos and Don'ts guidelines.

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:

Wet weather screening events are targeted to be completed pending qualifying storm events. The wet weather screening results will assist the Township in furhter prioritization of the Township's MS3 drainage areas and outfalls.

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: September 27, 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: Not required, participating in a statewide program

BMP #5: Conduct inspections regarding installation and maintenance of E&S control measures during earth disturbance activities. Maintain records of site inspections, including dates and inspection results, in accordance with the record retention requirements in this permit.

Specify the number of E&S inspections you completed during the reporting period: Not required, participating in a statewide program

BMP #6: Conduct enforcement when installation and maintenance of E&S control measures during earth disturbance activities does not comply with permit and/or regulatory requirements.

Specify the number of enforcement actions you took during the reporting period for improper E&S: Not required, participating in a statewide program

BMP #7: Develop and implement requirements for construction site operators to control waste at construction sites that may cause adverse impacts to water quality. The permittee shall provide education on these requirements to construction site operators.

Specify the method(s) by which you are educating construction site operators on controlling waste at construction sites:

Not required, participating in a statewide program

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: Not required, participating in a statewide program

MCM #4 Comments:

BMP numbers 4-8 are not required, as West Sadsbury Township is participating in a statewide program.

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: September 27, 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: September 27, 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.

*There are four existing BMPs within the Township's MS4 area. These BMPs were not constructed as part of NPDES Permitted Construction Projects. All other existing PCSM BMPs are located outside of the Township's UA and do not drain to the Township's MS4.

*As part of the education and outreach under the Township's MCM 5 Plan, PCSM BMP Inspections are targeted for the 2024-2025 permit year.

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	See Attached			0 1 33	0 1 33			
2				0 1 33	0 1 33			
3				0 1 33	0 1 33			
4				0 1 33	0 1 33			
5				0 1 33	0 1 33			
6				0 1 33	0 1 33			
7				0 1 33	0 1 33			
8				0 1 33	0 1 33			
9				0 1 33	0 1 33			
10				0 1 33	0 1 33			
11				0 1 33	0 1 33			
12				0 1 33	0 1 33			
13				0 1 33	0 1 33			
14				0 1 33	0 1 33			
15				0 1 33	0 1 33			
16				0 1 33	0 1 33			

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:

*BMP numbers 4-6 are not required, as West Sadsbury Township is participating in a statewide program.
*The Township has developed a BMP inventory for NPDES permitted stormwater facilities and "small projects" (non-NPDES permitted projects) facilities so that the Township can track all stormwater BMP infrastructure within the Township.
*The Township plans to expand landowner outreach in conjunction with inspection of select BMP facilities during the 2024-2025 permit year.

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? May 8, 2024
3. When was it last updated? May 8, 2024

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: May 8, 2024

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

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

2. Date of last review or update to training program: May 8, 2024	Date of latest training: May 8, 2024
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3. Training topics covered:

- 1) October 5, 2023 - Dry Weather MS4 Outfall Screening Field Techniques
- 2) MS4 Grant Funding
- 3) MCM Plan Overview, MS4 Roles and Responsibilities

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

For all trainings: LandStudies - Emily West (QCSI, QSCP)

5. Names of training attendees:

- 1) Jason Chapman, WST Roadmaster
- 2) Butch Myers (WST Board Chairman), James Kinney (Becker Engineering), Jason Chapman (WST Roadmaster), Chelsy Oswald (WST Administration)
- 3) James Kinney (Becker Engineering), Jason Chapman (WST Roadmaster), Chelsy Oswald (WST Administration)

MCM #6 Comments:

O&M Goals for the 2024-2025 reporting year include:

- * Address erosion issues along Zook Road and Lower Valley Road/South Lenover Road;
- * Conduct on-going stormwater infrastructure cleanouts, repairs, and improvements;
- * Expansion of the Township's employee training program, including training for contractors for the municipality;
- * Expand written SOPs as part of the O&M Plan;
- * Finalize the expanded O&M Plan and implement procedures accordingly;

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 type="checkbox"/>	
Source Inventory		<input type="checkbox"/>	
Investigation of Suspected Sources		<input type="checkbox"/>	
Ordinance/SOP for Controlling Animal Wastes		<input type="checkbox"/>	

PCM Comments:

N/A: West Sadsbury Township not subject to Appendix A, B, or C requirements.

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 type="checkbox"/> Impaired Waters PRP (Appendix E)			

<input type="checkbox"/> TMDL Plan (Appendix F)			
<input checked="" type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP	Original PRP: 9-14-17 Revised PRP: 6-10-2019 Ammended: 12/5/2023	September 16, 2019	Chesapeake Bay, Valley Creek, Pine Creek, East Branch Octoraro Creek
<input type="checkbox"/> Combined PRP / TMDL Plan			
<input type="checkbox"/> 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 type="checkbox"/> Impaired Waters PRP (Appendix E)			
<input type="checkbox"/> TMDL Plan (Appendix F)			
<input checked="" type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP	39,943	Presumptive approach	Presumptive approach
<input type="checkbox"/> Combined PRP / TMDL Plan			
3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: September 30, 2025 4. Have any modifications to the plan(s) occurred since DEP approval? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes to #4, was the updated plan(s) submitted to DEP? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes to #4, did you comply with the public participation requirements of the applicable appendix? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes to #4, describe the plan modifications. Modified to include the Officers Run Streambank Restoraiton project as a PRP project. 5. Summary of progress achieved during reporting period. See the PRP-Related Information Attachment for progress on the PRP during the 2023-2024 permit year. 6. Anticipated activities for next reporting period.			

See the PRP-Related Information Attachment for anticipated targets to be met during the 2024-2025 permit year.

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

Herbert Myers

Name of Responsible Official

610-857-5969

Telephone No.


Signature

9/19/24
Date

West Sadsbury Township
2023-2024 MS4 Annual Report Attachments

- Attachment 1 – MCM 5 – West Sadsbury Township PCSM BMP Inventory
- Attachment 2 – PRP Updates

WEST SADSBUY TOWNSHIP PCSM BMP INVENTORY

MS4 NPDES Permit No. PAG 130170

Date Reviewed: September 19, 2024

Structural BMP	Latitude & Longitude	Recorded SWMA	Year Installed	Within 2010 Urbanized Area (y/n)	Name of Receiving Water Body	Inspection/ Maintenance Frequency	Responsible Person or Organization	NPDES Permit
Pillotti Land Development - Detention Basin	39°59'11.0"N 75°57'01.9"W	Y	2009	N	Officers Run - Valley Creek	Owner O&M	Private Property Owner	PAG2001507025
Scully Welding - Detention Basin	39°59'11.6"N 75°57'37.5"W	Y	2008	N	Officers Run - Valley Creek	Owner O&M	Private Property Owner	
J.D. Eckman - Underground Infiltration Basin & Detention Basin	39°56'59.0"N 75°57'28.9"W	Y	2009	N	Valley Creek	Owner O&M	Private Property Owner	PAG2001508046
Citadel Bank	39°59'04.6"N 75°56'24.2"W	Y	2010	N	Officers Run - Valley Creek	Owner O&M	Private Property Owner	PAG2001509038
LC Auto Body - Underground detention basin	39°59'12.6"N 75°57'48.2"W	Y	2011	N	Officers Run - Valley Creek	Owner O&M	Private Property Owner	PAG02001511020
Victory Brewing - Underground infiltration/detention basin	39°57'10.1"N 75°56'07.5"W	Y	2014	N	Valley Creek	Owner O&M	Private Property Owner	PAG02001513018
Kauffman Poultry - Detention Basin	39°58'00.0"N 75°57'24.9"W	Y	2015	N	Officers Run - Valley Creek	Owner O&M	Private Property Owner	PAG02001515017
3751 Leike Road, Parkesburg - Infiltration Facility	39°58'31.7"N 75°56'12.1"W	Y	2019-2020	N	Officers Run - Valley Creek	Owner O&M	Private Property Owner	N/A
608 North Limestone Road, Parkesburg - Infiltration Facility	39°57'40.0"N 75°55'49.7"W	Y	2019-2020	N	Officers Run - Valley Creek	Owner O&M	Private Property Owner	N/A
633 Quarry Road, Gap - Infiltration Facility	40°00'30.7"N 75°56'49.2"W	Y	2019-2020	N	Headwaters Pequea	Owner O&M	Private Property Owner	N/A
8020 North Moscow Road, Parkesburg - Infiltration Facility	39°59'55.0"N 75°57'05.5"W	Y	2019-2020	N	Officers Run - Valley Creek	Owner O&M	Private Property Owner	N/A
4960 West Lincoln Highway, Parkesburg - Infiltration Facility	39°59'07.3"N 75°57'16.6"W	Y	2019-2020	N	Officers Run - Valley Creek	Owner O&M	Private Property Owner	N/A
610 North Limestone Road, Parkesburg - Infiltration Facility	39°57'38.3"N 75°55'51.5"W	Pending	2020-2021	Y	Valley Creek	Owner O&M	Private Property Owner	N/A
618 North Limestone Road, Parkesburg - Infiltration Facility	39°59'38.9"N 75°55'46.6"W	Pending	2020-2021	Y	Valley Creek	Owner O&M	Private Property Owner	N/A
6186 Strasburg Road, West Sadsbury Township	39°58'19.3"N 75°58'56.1"W		2020-2021	Y	Pine Creek	Owner O&M	Private Property Owner	N/A
1197 Quarry Road, Gap, Pa	40°00'37.3"N 75°57'09.6"W		2020-2021	N	Headwaters Pequea	Owner O&M	Private Property Owner	N/A
J.D. Eckman Shope Building 4781 Lower Valley Road Atglen, PA	39°57'1"N 75°57'25"W	Y	2023-2024	N	Valley Creek	Owner O&M	Private Property Owner	PAC150205
International Paper 4581 Lower Valley Road	39°57'4"N 75°57'5"W	N	2023-2024	N	Valley Creek	Owner O&M	Private Property Owner	PAC150285
Kings Swings 4000 Lower Valley Road	39°57'4"N 75°57'5"W	N	2023-2024	N	Valley Creek	Owner O&M	Private Property Owner	PAC150294
Clayton Homes/Demsky 3852 Upper Valley Road	39°57'19"N 75°56'42"W	Y	2023-2024	Y	Valley Creek	Owner O&M	Private Property Owner	N/A

ATTACHMENT: PRP-related Information

West Sadsbury Township submitted the West Sadsbury Township Pollutant Reduction Plan for Appendix D and Appendix E pollutants in September 2017. However, DEP required numerous changes to the plan and therefore, a revised PRP was submitted to DEP in 2019. West Sadsbury Township is required to achieve a 10% sediment reduction, 5% Total Phosphorus (TP) reduction, and 3% Total Nitrogen (TN) reduction. Per DEP's PRP Instructions, the PRP used the presumptive approach to assume that a 10% sediment reduction would also satisfy the TP and TN reduction requirements. The 10% sediment requirement for West Sadsbury Township is 27,522 pounds per year, as described in the Township's DEP-approved 2019 PRP Revisions.

West Sadsbury Township's deadline to achieve the Township's sediment reductions is October 1, 2024, as indicated in the Township's MS4 Permit.

PRP Progress from 2023-2024 Reporting Year

In 2022, West Sadsbury Township applied for DEP Growing Greener funding for the design and permitting of the Officers Run at Strasburg Road Streambank Restoration Project. Growing Greener Funding was awarded in January 2023. Design and permitting for the Officers Run at Strasburg Road Streambank were completed in 2023 and early 2024.

In conjunction with the design and permitting project, the Township collaborated with DEP's MS4 representatives within the Southeast Region to verify that the proposed Officers Run Project would satisfy MS4 PRP requirements per the design. DEP MS4 reviewers accepted the proposed design if the restoration project is monitored in accordance with the permit approved Operations & Maintenance Plan for the restoration site. Therefore, West Sadsbury Township completed a PRP Amendment and Public Comment Period in Fall 2023 to include the Officers Run Streambank Restoration Project as the priority BMP for implementation to satisfy the Township's pollutant reduction requirements.

The Township received Chester County Conservation District's C3AP and NFWF grant funding in Spring 2024 that will be used for the construction of this restoration project. The 890 linear foot restoration project is targeted for construction in October 2024.

PRP Plans and Goals for 2024-2025

Based on the DEP's default rate of 44.88 pounds per linear foot, approximately 39,943 pounds of sediment reduction per year would be achieved with the 890 linear feet of restoration with the Officers Run at Strasburg Road Streambank Stabilization Project. The Township intends to utilize the additional approximately 12,421 pounds of sediment reduction above the Township's PRP requirements towards the pollutant reduction requirements of the next permit cycle. Final as-built load reduction calculations will be completed after construction.

Once construction is completed, on-going monitoring and maintenance of this restoration project will be completed in accordance with the Operations & Maintenance Plan for the project.