



2023 Annual MS4 Report - General Information

Report Status: **Submitted**

Permittee: **DALLAS TWP LUZERNE CNTY** | NPDES Permit No.: **PAG132323**

Facility Name: **DALLAS TOWNSHIP MS4**

MS4 Contact: **MARTIN K BARRY**

Facility Address: **Facility Address:**

Title: **TOWNSHIP MANAGER**

Facility ID: **830241**

Phone: **570-674-2006**

County: **Luzerne**

Email: **mbarry@dallastownship.com**

Municipality: **Dallas Twp**

Effective Date: **08/01/2019**

Expiration Date:

Renewal Due Date: **09/30/2024**

MS4 Report (Current Version)

Appendix Selection

You must review each appendix and select the appropriate appendices below.

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

Water Quality Information Module



Are there any discharges to waters within the Chesapeake Bay Watershed? **Yes**

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

Receiving Water Name	Ch. 93 Class	Impaired	Cause(s)	TMDL	WLA
<b>Toby Creek</b>	<b>CWF, MF</b>	<b>No</b>		<b>No</b>	<b>No</b>
<b>Huntsville Creek</b>	<b>CWF, MF</b>	<b>No</b>		<b>No</b>	<b>No</b>
<b>Trout Brook</b>	<b>CWF, MF</b>	<b>No</b>		<b>No</b>	<b>No</b>

General Minimum Control Measure (MCM) Information Module





Have you completed all MCM activities required by the permit for this reporting period? **Yes**

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



MCM	Entity Responsible	Contact Name	Phone Number
#1 Public Education and Outreach on Stormwater Impacts	<b>Dallas Area Municipal Authority</b>	<b>Tom Mayka</b>	<b>570-696-1133</b>
#2 Public Involvement / Participation	<b>Dallas Area Municipal Authority</b>	<b>Tom Mayka</b>	<b>570-696-1133</b>
#3 Illicit Discharge Detection and Elimination (IDD&E)	<b>Dallas Area Municipal Authority</b>	<b>Tom Mayka</b>	<b>570-696-1133</b>
	<b>Dallas Township</b>	<b>Martin Barry</b>	<b>570-674-2006</b>
#4 Construction Site Stormwater Runoff Control	<b>Luzerne Conservation District</b>	<b>Josh Longmore</b>	<b>570-674-7991</b>
	<b>Dallas Township</b>	<b>Martin Barry</b>	<b>570-674-2006</b>
#5 Post-Construction Stormwater Management in New Development and Redevelopment	<b>Dallas Area Municipal Authority</b>	<b>Tom Mayka</b>	<b>570-696-1133</b>
	<b>Dallas Township</b>	<b>Martin Barry</b>	<b>570-674-2006</b>
#6 Pollution Prevention / Good Housekeeping	<b>Dallas Area Municipal Authority</b>	<b>Tom Mayka</b>	<b>570-696-1133</b>
	<b>Dallas Township</b>	<b>Martin Barry</b>	<b>570-674-2006</b>

**MCM #1 – Public Education & Outreach on Stormwater Impacts Module**



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**BMP #1: Develop, implement and maintain a written Public Education and Outreach Program.**

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1. For new permittees only, has the written PEOP been developed and implemented within the first year of permit coverage? **Not Applicable**

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2. Date of latest annual review of PEOP: **03/01/2023** Were updates made? **No**

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

**The goal of the PEOP for the reporting period was to reach the target audience with educational materials such as brochures, yard signs, and outreach through public participation in public meetings.**

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4. Did the MS4 achieve its goal(s) for the PEOP during the reporting period? **Yes**

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

**A specific goal for the PEOP for the upcoming year is to update education materials. Educational material will be added to the quarterly bill mailing performed by the Dallas Area Municipal Authority.**

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

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1. For new permittees only, have the target audience lists been developed and implemented within the first year of permit coverage? **Not Applicable**

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2. Date of latest annual review of target audience lists:

03/01/2023

Were updates made?

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?

Not Applicable

2. Date of latest annual review of educational materials:

03/01/2023

Were updates made?

No

3. Do you have a municipal website? Yes

URL: dallastwp.org

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

See websites for more info.

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

Continued updates to Dallas Township and Dallas Area Municipal Authority websites. Involved the public in catch basin stencil program.

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

Inclusion of educational materials with Dallas Area Municipal Authority quarterly billing. Continued updates to Dallas Area Municipal Authority and Dallas Township web sites.

**BMP #4: 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).**

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).

Catch basin stencils. 1. Printed and distributed a stormwater information brochure. 2. Stormwater yard signs available at Dallas Area Municipal Authority Office.

**MCM #1 Comments:**

n/a

**MCM #1 Attachments:**

File Name	Document Type	Short Description
DT_trifold_brochure_receipt_2022_2023.pdf	Stormwater Educational Materials	Brochure printing receipt
trifold_brochure_2022_2023.pdf	Stormwater Educational Materials	Stormwater brochure

**MCM #2 – Public Involvement/Participation Module**



**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? **Not Applicable**

2. Date of latest annual review of PIPP: **03/01/2023** Were updates made? **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? **No**

2. If **Yes**, describe how you advertised the draft document(s) and how you provided opportunities for public review, input and feedback:

**Dallas Township in process of developing new storm water ordinance. Not yet ready for public input.**

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
No data available in table			

**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**

If **Yes**, Date of Meeting or Event: **06/28/2023**

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.

**n/a**

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.

**Public involvement with storm drain stencil project.**

**MCM #2 Comments:**

**n/a**

**MCM #2 Attachments:**

File Name	Document Type	Short Description
<b>DT_catch_basin_stencil_2022_2023.pdf</b>	<b>Public Involvement/Participation Program Plan</b>	<b>Catch basin stencil program</b>
<b>MS4_public_meeting_notice_2022_2023.pdf</b>	<b>Public Involvement/Participation Program Plan</b>	<b>Public meeting notice</b>
<b>MS4_public_meeting_signin_sheer_2022_2023.pdf</b>	<b>Public Involvement/Participation Program Plan</b>	<b>Public meeting sign in</b>



**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? **Not Applicable**

2. Date of latest annual review of IDD&E program:

**03/15/2023**

Were updates made?

**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**

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):

**06/30/2023**

3. Total No. of Outfalls in MS4:

**69**

Total No. of Outfalls Mapped:

**67**

4. Total No. of Observation Points:

**0**

Total No. of Observation Points Mapped:

**0**

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

**No**

If **Yes**, select:

Existing Outfall(s) Identified

**No**

New Outfall(s) Proposed

**Yes**

**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**

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**

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

**06/30/2023**

**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 screened during dry weather at least once within the 5-year period following permit coverage and, for areas where past problems have been reported or known sources of dry weather flows occur on a continual basis, outfalls must be screened annually during each year of permit coverage.

1. How many unique outfalls (and if applicable observation points) were screened during the reporting period? **12**

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? **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)** (<http://www.depgreenport.state.pa.us/elibrary/GetFolder?FolderID=2740>), provided in the permit? **Yes**

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**

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance	Borough/Township Name?
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<b>02/15/2011</b>	<b>Dallas Township Stormwater Ordinance</b>
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2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j) with respect to authorized non-stormwater discharges? **No**

If **Yes** to #1 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? **No**

If **Yes** to #3, complete the table below (attach additional sheets as necessary).

Violation Date	Nature of Violation	Responsible Party	Enforcement Taken
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No data available in table

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? **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 **Yes**



reporting period?

If **Yes**, what was distributed?

**Dallas Township IDD&E Program. Also contained on Township web site.**

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

3. Do you maintain documentation of all responses, action taken, and the time required to take action? **Yes**

**MCM #3 Comments:**

**Stormwater Pollution reporting hotline administered by Dallas Area Municipal Authority. The contact information is published via brochure and is on Dallas Area Municipal Authority Website. (570) 696-1133 ext. 314 [www.damaonline.org](http://www.damaonline.org)**

**MCM #3 Attachments:**

File Name	Document Type	Short Description
<b>DT_outfall_inspections_2022_2023.pdf</b>	<b>MS4 Outfall Field Screening Report</b>	<b>Outfall Inspections</b>

**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**

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

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)? Note: If no building permit applications were received you may select Not Applicable. **Yes**

**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)? Note: If no building permit applications were received you may select Not Applicable. **Yes**

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

1. Do you have an ordinance (municipal) or SOP or other mechanism (non-municipal) that requires implementation and maintenance of E&S control BMPs? **Yes**

If **Yes**, indicate the date of the ordinance or SOP:

Date of the Ordinance	Borough/Township Name?
<b>07/03/2007</b>	<b>Dallas Township Subdivision and Land Development Ordinance</b>

2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j)? **No**

3. If **Yes** to #1 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 Applicable**

**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 Applicable**

**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 Applicable**

**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 Applicable**

**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.

**Not Applicable**

2. Specify the number of inquiries and complaints received during the reporting period:

**Not Applicable**

**MCM #4 Comments:**

**Erosion Control Chapter 102 regulations administered and enforced by Luzerne Conservation District via MOU with Dallas Township included with back-up documentation.**

**MCM #4 Attachments:**

File Name	Document Type	Short Description
dallas twp luz con dist mou.pdf	MCM 4 MOU	MOU

## **MCM #5 – Post-Construction Stormwater Water Management in New Development & Redevelopment Module**



**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**

If **Yes**, indicate the date of the ordinance or SOP:



Date of the Ordinance	Borough/Township Name?
<b>07/03/2007</b>	<b>Dallas Township Subdivision &amp; Land Development Ordinance 7-3-2007 with amendments</b>

2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)? **No**

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3. If **Yes** to #1 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.**

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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**

If **Yes**, indicate the date of the ordinance or SOP:

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Date of the Ordinance	Borough/Township Name?
<b>07/03/2007</b>	<b>Dallas Township Subdivision &amp; Land Development Ordinance 7-3-2007 with amendments</b>

2. If **Yes** to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PMBCW0100j)? **No**

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3. If **Yes** to #1 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.**

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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**

If **Yes** to #1, complete Table 1 in the next module.

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2. Has proper O&M occurred during the reporting period for all PCSM BMPs? **Yes**

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3. If **No** to #2, explain what action(s) the permittee has taken or plans to take to ensure proper O&M.

**Inspections of PCSM BMP's revealed no maintenance deficiencies at sites inspected.**

**(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.**

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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).

**Not Applicable**

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2. Has a tracking system been established and maintained to record qualifying projects and their associated BMPs? **Not Applicable**

**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? **Not Applicable**

2. Has a tracking system been established and maintained to record results of inspections? **Not Applicable**

**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? **Not Applicable**

**MCM #5 Comments:**

**BMP #6 -- The use of BMP's including sizing, design, maintenance, etc. is dictated by the Dallas Township Subdivision & Land Development Ordinance including the PA BMP Stormwater Manual and Luzerne County Stormwater Management Ordinance. The design and applicability of the BMP's are reviewed on a case-by-case basis by the Township Engineer, Luzerne Conservation District, and PA DEP through the NPDES Permitting Process.**

**MCM #5 Attachments:**

File Name	Document Type	Short Description
No attachments in the table.		

#### PCSM BMP Inventory Table



**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.

**Note:** Any BMP data entered/uploaded will be prepopulated in the next reporting year.

**You may enter your BMPs manually or upload them using our template.**

BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
2	Dry Extended Detention Basin	01/01/2007	03/03/2022	✓	Yes	41.357961	-75.971727	1.46
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Irem		Vegetation, Fencing, Sediment Removal		PAG2004007046				
3	Dry Extended Detention Basin	01/01/2007	03/03/2022	✓	Yes	41.349945	-75.973699	4.2
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Misericordia		Vegetation, Fencing, Sediment Removal		PAI1202537				
4	Dry Extended Detention Basin	01/01/2007	03/03/2022	✓	Yes	41.349551	-75.974297	4.2










BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Misericordia</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAI1202537</b>				
<b>5</b>	<b>Dry Extended Detention Basin</b>	<b>01/01/2007</b>	<b>03/03/2022</b>		<b>Yes</b>	<b>41.347836</b>	<b>-75.970862</b>	<b>1.11</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Misericordia</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAI1202537</b>				
<b>6</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/03/2022</b>		<b>Yes</b>	<b>41.347121</b>	<b>-75.971532</b>	<b>2.09</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Misericordia</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAI1202537</b>				
<b>7</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/03/2022</b>		<b>Yes</b>	<b>41.346645</b>	<b>-75.975603</b>	<b>6.48</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Misericordia</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAI1202537</b>				
<b>8</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/03/2022</b>		<b>Yes</b>	<b>41.342486</b>	<b>-75.970723</b>	<b>18.45</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Misericordia</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAI1202537</b>				
<b>9</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/03/2022</b>		<b>Yes</b>	<b>41.345169</b>	<b>-75.968582</b>	<b>1.82</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Misericordia</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAI1202537</b>				
<b>20</b>	<b>Dry Extended Detention Basin</b>	<b>01/01/2007</b>	<b>03/03/2022</b>		<b>Yes</b>	<b>41.342635</b>	<b>-75.992874</b>	<b>2</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Turkey Hill</b>		<b>Vegetation, Sediment Removal</b>		<b>PAG02004012033</b>				
<b>21</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/03/2022</b>		<b>Yes</b>	<b>41.340405</b>	<b>-75.987649</b>	<b>19.44</b>



BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Yalick Farms		Vegetation, Fencing, Sediment Removal		PAG2004005043				
22	Dry Detention Basin	01/01/2005	03/03/2022	✓	Yes	41.33886	-75.989053	6.96
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Yalick Farms		Vegetation, Fencing, Sediment Removal		PAG2004005043				
23	Wet Ponds and Wetlands	01/01/2005	03/03/2022	✓	Yes	41.320399	-75.95446	94.32
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Overbrook Farms		Vegetation, Fencing, Sediment Removal		PAR10R254				
24	Dry Detention Basin	01/01/2005	03/03/2022	✓	Yes	41.320267	-75.951648	21.53
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Overbrook Farms		Vegetation, Fencing, Sediment Removal		PAR10R254				
25	Dry Detention Basin	01/01/2005	03/03/2022	✓	Yes	41.320984	-75.952313	2.36
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Overbrook Farms		Vegetation, Fencing, Sediment Removal		PAR10R254				
28	Dry Extended Detention Basin	01/01/2007	03/03/2022	✓	Yes	41.342955	-75.950188	14.52
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Dallas School District		Vegetation, Sediment Removal		PAG02004014021				
29	Dry Detention Basin	01/01/2005	03/03/2022	✓	Yes	41.339425	-75.927015	25.9
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
Saddle Ridge		Vegetation, Fencing, Sediment Removal		PAG02004011021				
33	Dry Detention Basin	01/01/2005	03/03/2022	✓	Yes	41.333544	-75.939487	11.68







BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Ondish Hills</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAG2004003011</b>				
<b>34</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/03/2022</b>		<b>Yes</b>	<b>41.334959</b>	<b>-75.934884</b>	<b>1.49</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Ondish Hills</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAG2004003011</b>				
<b>35</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/03/2022</b>		<b>Yes</b>	<b>41.332832</b>	<b>-75.938869</b>	<b>.96</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Ondish Hills</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAG2004003011</b>				
<b>39</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/05/2022</b>		<b>Yes</b>	<b>41.34534</b>	<b>-75.961846</b>	<b>1.18</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>CH Waltz</b>		<b>Vegetation, Sediment Removal</b>		<b>PAG2004006015</b>				
<b>41</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/05/2022</b>		<b>Yes</b>	<b>41.3523</b>	<b>-75.973454</b>	<b>2</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Masonic Village</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAG2004007046</b>				
<b>42</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/05/2022</b>		<b>Yes</b>	<b>41.3525</b>	<b>-75.974108</b>	<b>2</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Masonic Village</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAG2004007046</b>				
<b>43</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/05/2022</b>		<b>Yes</b>	<b>41.352799</b>	<b>-75.97436</b>	<b>2</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Masonic Village</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAG2004007046</b>				
<b>44</b>	<b>Dry Detention Basin</b>	<b>01/01/2005</b>	<b>03/05/2022</b>		<b>Yes</b>	<b>41.353177</b>	<b>-75.973711</b>	<b>2</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Masonic Village</b>		<b>Vegetation, Fencing, Sediment Removal</b>		<b>PAG2004007046</b>				



BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
45	Dry Detention Basin	01/01/2005	03/05/2022	✓	Yes	41.353645	-75.972851	2
Entity Responsible for O&M:		O&M Requirements:		Permit Number:	Description:			
Masonic Village		Vegetation, Fencing, Sediment Removal		PAG2004007046				
47	Dry Detention Basin	01/01/2005	03/05/2022	✓	Yes	41.347476	-75.970295	2.35
Entity Responsible for O&M:		O&M Requirements:		Permit Number:	Description:			
Misericordia		Vegetation, Fencing, Sediment Removal		PAG2004007018				
50	Dry Detention Basin	01/01/2005	03/05/2022	✓	Yes	41.341989	-76.003488	3.42
Entity Responsible for O&M:		O&M Requirements:		Permit Number:	Description:			
Greenbriar		Vegetation, Sediment Removal		PAG2004003013				
57	Dry Extended Detention Basin	01/01/2007	03/05/2022	✓	Yes	41.330712	-75.9493	2.67
Entity Responsible for O&M:		O&M Requirements:		Permit Number:	Description:			
Dorchester Development		Vegetation, Fencing, Sediment Removal		PAG02004009022				
58	Dry Extended Detention Basin	01/01/2007	03/05/2022	✓	Yes	41.33168	-75.949985	2.67
Entity Responsible for O&M:		O&M Requirements:		Permit Number:	Description:			
Dorchester Development		Vegetation, Fencing, Sediment Removal		PAG02004009022				
59	Dry Extended Detention Basin	01/01/2007	03/05/2022	✓	Yes	41.331527	-75.948897	2.67
Entity Responsible for O&M:		O&M Requirements:		Permit Number:	Description:			
Dorchester Development		Vegetation, Fencing, Sediment Removal		PAG02004009022				
60	Dry Extended Detention Basin	01/01/2007	03/05/2022	✓	Yes	41.335522	-75.941696	3.03
Entity Responsible for O&M:		O&M Requirements:		Permit Number:	Description:			
Pulverman		Vegetation, Sediment Removal		PAG02004014041				
61	Dry Detention Basin	01/01/2005	03/05/2022	✓	Yes	41.333731	-75.933949	13.32



BMP No.	BMP Name	Date Installed	Date of Latest Inspection	Satisfactory	Active	Latitude	Longitude	Drain Area
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Maplewood Heights</b>		<b>Vegetation, Sediment Removal</b>		<b>PAC400042</b>				
<b>81</b>	<b>Dry Extended Detention Basin</b>	<b>01/01/2007</b>	<b>03/05/2022</b>		<b>Yes</b>	<b>41.342955</b>	<b>-75.950188</b>	<b>14.52</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Dallas School District</b>		<b>Vegetation, Sediment Removal</b>		<b>PAC2004008035</b>				
<b>84</b>	<b>Dry Detention Basin</b>	<b>01/01/2007</b>	<b>03/05/2022</b>		<b>Yes</b>	<b>41.38889</b>	<b>-75.981944</b>	<b>12</b>
Entity Responsible for O&M:		O&M Requirements:		Permit Number:		Description:		
<b>Beaumont Inn</b>		<b>Vegetation, Sediment Removal</b>		<b>PAI1216977</b>				

MCM #6 – Pollution Prevention / Good Housekeeping Module



**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

2. When was the inventory last reviewed? 09/01/2021

3. When was it last updated? 09/01/2021

**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

2. Date of last review or update to written O&M program: 08/01/2020

**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

2. Date of last review or update to training program: 03/15/2023

Date of latest training: 04/12/2023



3. Training topics covered:

**Illicit Discharge Detection and Water Quality Monitoring**

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

**Dallas Area Municipal Authority**

5. Names of training attendees:

**See attachment for sign-in sheet.**

**MCM #6 Comments:**

**MCM #6 Attachments:**

File Name	Document Type	Short Description
<b>DT_employee_training_2022_2023.pdf</b>	<b>Stormwater Training Program</b>	<b>Employee training sign-in sheet</b>

#### Pollutant Control Measures (PCMs) Module



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	Attached	Date Completed	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:**

**PCM's not applicable.**

**PCM Attachments:**

File Name	Document Type	Short Description
<b>No attachments in the table.</b>		

#### Pollutant Reduction Plans (PRPs) and TMDL Plans Module



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	Pending Approval	Submission Date	DEP Approval Date	Surface Waters Addressed by Plan
Chesapeake Bay PRP (Appendix D)	✓	09/16/2017		Chesapeake Bay
Impaired Waters PRP (Appendix E)				
TMDL Plan (Appendix F)				
Combined Chesapeake Bay / Impaired Waters PRP (include Chesapeake Bay in your entry)				
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: **Dallas Borough, Dallas Township, Kingston Township**

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2. Identify the pollutants of concern and pollutant load reduction requirements under the permit.

Type of Plan	Select	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
Chesapeake Bay PRP (Appendix D)	<input checked="" type="checkbox"/>	126,270	6,313	3,788
Impaired Waters PRP (Appendix E)	<input type="checkbox"/>			
TMDL Plan (Appendix F)	<input type="checkbox"/>			
Combined Chesapeake Bay / Impaired Waters PRP	<input type="checkbox"/>			
Combined PRP / TMDL Plan	<input type="checkbox"/>			

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: **03/15/2024**

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4. Have any modifications to the plan(s) occurred since DEP approval? **No**

- If **Yes** to #4, was the updated plan(s) submitted to DEP?
- If **Yes** to #4, did you comply with the public participation requirements of the applicable appendix?
- If **Yes** to #4, describe the plan modifications.

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5. Summary of progress achieved during reporting period.

**-See attached list of bmps achieved during reporting period.**

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6. Anticipated activities for next reporting period.

**See attached maps. SB17 -- 650 linear feet streambank restoration SB12 -- 2,250 linear feet streambank restoration SB15 -- 1,000 linear feet streambank restoration SB19 -- 1,150 linear feet streambank restoration SB20 -- 1,200 linear feet streambank restoration**

**PRP/TMDL Comments:**



n/a

**PRP/TMDL Plan Attachments:**

File Name	Document Type	Short Description
<b>Dallas Twp 2022 BMPS.pdf</b>	<b>Stormwater BMP Information</b>	<b>Current Reporting Period BMPs</b>
<b>DAMA Proposed Stream Restorations.pdf</b>	<b>Stormwater BMP Information</b>	<b>Future Streambank Restoration BMPs</b>

**BMPs For PRP/TMDL Plan Implementation Module Tables**



**New BMPs For PRP/TMDL Plan Implementation Table**


**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.

**If you are a member of a regional PRP, report only those BMPs implemented within your municipal boundary. If you are reporting a joint BMP in which credit is shared with another permittee(s), report only your portion of the BMP credit.**




**Note:** Any new BMP data entered will be prepopulated in the next reporting year.

BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
<b>1</b>	<b>Dry Detention Basins</b>	<b>01/01/2006</b>	<b>113</b>		<b>Yes</b>	<b>41.357752</b>	<b>-75.975702</b>	<b>1.32</b>
	% Impervious:	BMP Extent:		Units:		BMP in Planning Area:		
	<b>80</b>			<b>Acres</b>		<b>Yes</b>		
	Bmp Completed for Chapter 102:	Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
	<b>Yes</b>	<b>No</b>		<b>No</b>		<b>04/01/2022</b>		
	List MS4 Collaborators:			Description:				
<b>2</b>	<b>Dry Extended Detention Basins</b>	<b>01/01/2007</b>	<b>681</b>		<b>Yes</b>	<b>41.357961</b>	<b>-75.971727</b>	<b>1.46</b>
	% Impervious:	BMP Extent:		Units:		BMP in Planning Area:		
	<b>64</b>			<b>Acres</b>		<b>Yes</b>		
	Bmp Completed for Chapter 102:	Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
	<b>Yes</b>	<b>No</b>		<b>No</b>		<b>04/01/2022</b>		
	List MS4 Collaborators:			Description:				
<b>3</b>	<b>Dry Extended Detention Basins</b>	<b>01/01/2007</b>	<b>2,870</b>		<b>Yes</b>	<b>41.349945</b>	<b>-75.973699</b>	<b>8.39</b>



BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
32				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
4	Dry Extended Detention Basins	01/01/2007	2,870		Yes	41.349551	-75.974297	8.39
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
32				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
5	Dry Extended Detention Basins	01/01/2007	147		Yes	41.347836	-75.970862	1.11
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
0				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
6	Dry Extended Detention Basins	01/01/2006	194		Yes	41.347121	-75.971532	2.09






BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
50				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
7	Dry Detention Basins	01/01/2006	752		Yes	41.346645	-75.975603	6.48
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
93				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
8	Dry Detention Basins	01/01/2006	1,241		Yes	41.342486	-75.970723	18.45
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
46				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
9	Dry Detention Basins	01/01/2006	209		Yes	41.345169	-75.968582	1.82
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
84				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				



BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
10	Dry Detention Basins	01/01/2006	571	✓	Yes	41.341652	-75.975368	8.43
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
47				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
11	Wet Ponds and Wetlands	01/01/2006	8,171	✓	Yes	41.340871	-75.968469	21.51
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
41				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
12	Wet Ponds and Wetlands	01/01/2006	8,171	✓	Yes	41.34073	-75.970232	21.51
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
41				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
13	Dry Detention Basins	01/01/2006	609	✓	Yes	41.346552	-75.959739	4.9






BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
52				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
14	Dry Detention Basins	01/01/2006	147		Yes	41.34117	-75.995471	2.41
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
38				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
15	Dry Extended Detention Basins	01/01/2007	951		Yes	41.342397	-75.994937	1.54
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
30				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
16	Dry Detention Basins	01/01/2006	167		Yes	41.342131	-75.994051	1.2
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
71				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				



BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
17	Dry Detention Basins	01/01/2006	155	✓	Yes	41.342128	-75.993012	1.42
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
58				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
18	Dry Extended Detention Basins	01/01/2007	681	✓	Yes	41.342635	-75.992874	2
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
31				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		04/01/2022		
List MS4 Collaborators:				Description:				
19	Dry Detention Basins	01/01/2005	1,331	✓	Yes	41.340405	-75.987649	19.44
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
48				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
20	Dry Detention Basins	01/01/2005	526	✓	Yes	41.33886	-75.989053	6.96






BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
60				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
21	Wet Ponds and Wetlands	01/01/2005	19,514		Yes	41.320399	-75.95446	94
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
9				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
22	Dry Detention Basins	01/01/2005	724		Yes	41.320267	-75.951648	22
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
9				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
23	Dry Detention Basins	01/01/2005	82		Yes	41.320984	-75.952313	2.36
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
10				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				



BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
24	Dry Detention Basins	01/01/2005	580	✓	Yes	41.327584	-75.947135	10.07
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
3				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
25	Dry Detention Basins	01/01/2005	533	✓	Yes	41.333231	-75.954557	8.56
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
4				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
26	Dry Extended Detention Basins	01/01/2007	10,479	✓	Yes	41.342955	-75.950188	14.52
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
21				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
27	Dry Detention Basins	01/01/2005	1,333	✓	Yes	41.339425	-75.927015	25.9






BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
26				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
28	Dry Detention Basins	01/01/2005	836		Yes	41.333544	-75.939487	11.68
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
53				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
29	Dry Detention Basins	01/01/2005	178		Yes	41.334959	-75.934884	1.49
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
11				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
30	Dry Detention Basins	01/01/2005	27		Yes	41.332832	-75.938869	.96
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
4				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				



BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
31	Wet Ponds and Wetlands	01/01/2005	12,948	✓	Yes	41.359071	-75.965986	19.49
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
64				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
32	Dry Detention Basins	01/01/2005	489	✓	Yes	41.370871	-75.941714	7.17
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
48				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
33	Dry Detention Basins	01/01/2005	58	✓	Yes	41.347439	-75.959422	.38
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
67				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
34	Dry Detention Basins	01/01/2005	145	✓	Yes	41.34534	-75.961846	1.18






BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
38				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
35	Dry Detention Basins	01/01/2005	90		Yes	41.344083	-75.961877	.62
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
75				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
36	Dry Detention Basins	01/01/2005	175		Yes	41.3523	-75.973454	2
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
17				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
37	Dry Detention Basins	01/01/2005	175		Yes	41.3525	-75.974108	2
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
17				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				



BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
38	Dry Detention Basins	01/01/2005	175	✓	Yes	41.352799	-75.97436	2
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
17				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
39	Dry Detention Basins	01/01/2005	175	✓	Yes	41.353177	-75.973711	2
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
17				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
40	Dry Detention Basins	01/01/2005	175	✓	Yes	41.353645	-75.972851	2
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
17				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
41	Dry Detention Basins	01/01/2005	235	✓	Yes	41.35214	-75.97486	1.66






BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
15				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
42	Dry Detention Basins	01/01/2005	294		Yes	41.347476	-75.970295	2.35
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
61				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
43	Dry Detention Basins	01/01/2005	39		Yes	41.341473	-75.967902	.31
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
44				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
44	Dry Detention Basins	01/01/2005	41		Yes	41.340287	-75.968049	.38
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
53				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				



BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
45	Dry Detention Basins	01/01/2005	359	✓	Yes	41.341989	-76.003488	3.42
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
38				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
46	Dry Detention Basins	01/01/2005	246	✓	Yes	41.340748	-75.997998	2.18
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
73				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/03/2022		
List MS4 Collaborators:				Description:				
47	Wet Ponds and Wetlands	01/01/2005	23,864	✓	Yes	41.326541	-75.956046	70
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
11				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				
48	Wet Ponds and Wetlands	01/01/2005	23,864	✓	Yes	41.326237	-75.953025	70



BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
11				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				
49	Wet Ponds and Wetlands	01/01/2005	23,864		Yes	41.326148	-75.951897	70
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
11				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				
50	Dry Detention Basins	01/01/2005	74		Yes	41.327919	-75.946752	.46
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
45				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				
51	Dry Detention Basins	01/01/2005	218		Yes	41.33077	-75.943041	1.36
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
33				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				





BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
52	Dry Extended Detention Basins	01/01/2007	1,955	✓	Yes	41.330712	-75.9493	2.67
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
9				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				
53	Dry Extended Detention Basins	01/01/2007	1,955	✓	Yes	41.33168	-75.949985	2.67
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
9				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				
54	Dry Extended Detention Basins	01/01/2007	1,955	✓	Yes	41.331527	-75.948897	2.67
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
9				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				
55	Dry Extended Detention Basins	01/01/2007	1,579	✓	Yes	41.335522	-75.941696	3.03



BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
84				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				
56	Dry Detention Basins	01/01/2005	727	✓	Yes	41.333731	-75.933949	13.32
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
29				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				
57	Dry Detention Basins	01/01/2005	226	✓	Yes	41.334246	-75.928256	3.2
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
51				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				
58	Infiltration Practices w/ Sand, veg.	01/01/2021	125	✓	Yes	41.3483	-75.9597	.4
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
10				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				



BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
59	Bioretention - Raingarden (A/B soils w/ underdrain)	01/01/2021	400	✓	Yes	41.3381	-75.96	12.2
% Impervious:		BMP Extent:		Units:		BMP in Planning Area:		
10				Acres		Yes		
Bmp Completed for Chapter 102:		Collaborative BMP:		Retrofit:		Date of Latest Inspection:		
Yes		No		No		03/05/2022		
List MS4 Collaborators:				Description:				
<b>BMP Inventory For PRP/TMDL Plan Implementation Table</b>								
<b>Table 3.</b> 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								
BMP No.	BMP Name	Date Installed	Annual Sediment Load Reduction (lbs/year)	Satisfactory	Active	Latitude	Longitude	Drain Area
No data available in table								

**Certification**



- Login to GreenPort and go to launch the MS4 Annual Reporting System.**
- Review this MS4 Report.**
- Sign the Report.**

**After the report is signed by all responsible officials, you will be able to submit the report.**

**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).

DALLAS TWP LUZERNE CNTY - Signature

Name of Responsible Official:

Signature:



**Martin Barry**

Telephone No.:

**5704722345**



**Document Signed**

Date Signed:

**09/29/2023 03:30 PM**



# MEMORANDUM OF UNDERSTANDING

Between the

**LUZERNE CONSERVATION DISTRICT**

And the

**MUNICIPALITY OF Dallas Township**

This Memorandum has been prepared jointly and agreed upon by each party for the following purposes:

To serve as a joint commitment by the signatory parties to control accelerated erosion and to prevent sediment pollution to the Waters of the Commonwealth which may result from the conduct of earth disturbance activities in Dallas Township.

To serve as a basis for stating the role of each party in administering the, Chapter, provisions of the Dallas Township's Subdivision and Land Development Ordinance # 11, the Dallas Township Stormwater Management Ordinance # 201-1, and PA Code, Title 25, Chapter 102 which regulate Erosion and Sediment Pollution Control ("Ordinance").

I. In carrying out the intent of this memorandum, the Luzerne Conservation District shall:

A. Provide to Dallas Township a listing of its plan review/service fees for inclusion or use of the Municipality in Ordinance. The District will promptly notify the municipality of any changes in the plan review/service fee schedule.

B. Receive all Erosion and Sediment Control Plans (Plan) as required under Ordinance and complete an initial administrative review of the Plan within 15 business days of its receipt. Reviews of second and third Plan submissions (technical reviews and revisions) will be completed within 22 business days of their receipt.



C. Within two (2) business days of completion, notify the applicant and Municipality of all Plan approvals or Plan inadequacies, or all determinations that a Plan cannot be approved upon completion of the second technical review because of inadequate information and/or a failure of the applicant to develop a Plan in compliance with the provisions of the Ordinance.

D. Upon request, provide all applicants with access to the DEP Erosion and Sediment Control Program Manual and related forms, worksheets, checklists, etc., necessary to successfully prepare an adequate Plan.

E. In accordance with a routine inspection schedule and/or upon the request of the Municipality and/or upon receipt of a request from a third party, inspect ongoing earth disturbance projects and complete a Standard PA DEP Earth Disturbance Inspection Report. In conjunction with this responsibility, the District shall:

1. Advise the Municipality of all third party complaints within 10 calendar days of their receipt. The source of the complaint shall remain anonymous in accordance with PA Department of Environmental Protection policy.

2. Provide a copy of all inspection reports to the affected responsible party(ies) and the Municipality within 10 calendar days of their completion.

F. Serve as the repository for all Plans, complaints, inspection reports, correspondence, etc., that involve earth disturbance activities. All such information shall be contained in a filing system which shall be available for inspection by Municipal Officials by appointment.

G. Commit the necessary staff time, and provide all information necessary to assist the Municipality in conducting enforcement proceedings as specified in the Ordinance.

II. In carrying out the intent of this Memorandum, the Municipality of Dallas Township shall:

A. Retain a sufficient quantity of the District's Erosion and Sediment Control Plan Review Applications and Review Fee Schedule and issue such forms to all parties for projects that require such review in accordance with the provisions of the Ordinance.

B. Forward all questions pertaining to the preparation of Plans and Applications to the District.

C. Forward all third party complaints about ongoing earth disturbance projects to the District for their inspection.

D. Upon notification by the District, withhold all Land Development Plan, Subdivision Plan, Stormwater Management Plan, Building Permit and Occupancy Permit



Approvals when and where it has been determined that an applicant has failed to secure an adequate Plan review or approval from the District, when such review or approval is required by the Ordinance or State regulations.

III. This Memorandum of Understanding shall become effective immediately. It shall be reviewed periodically, as the need arises by either or both parties, and may be amended by mutual consent of both parties. This Memorandum of Understanding may be terminated at any time, by either party, following a 30 day written notice to the other party.

FOR THE MUNICIPALITY OF Dallas Township

Frank E. Wagner 5/3/16  
Supervisor Date

Stephen Martin 5/3/16  
Supervisor Date

W. J. St. 5/9/16  
Supervisor Date

FOR THE LUZERNE CONSERVATION DISTRICT

Timothy Ference 5/12/2016  
Chairman Date

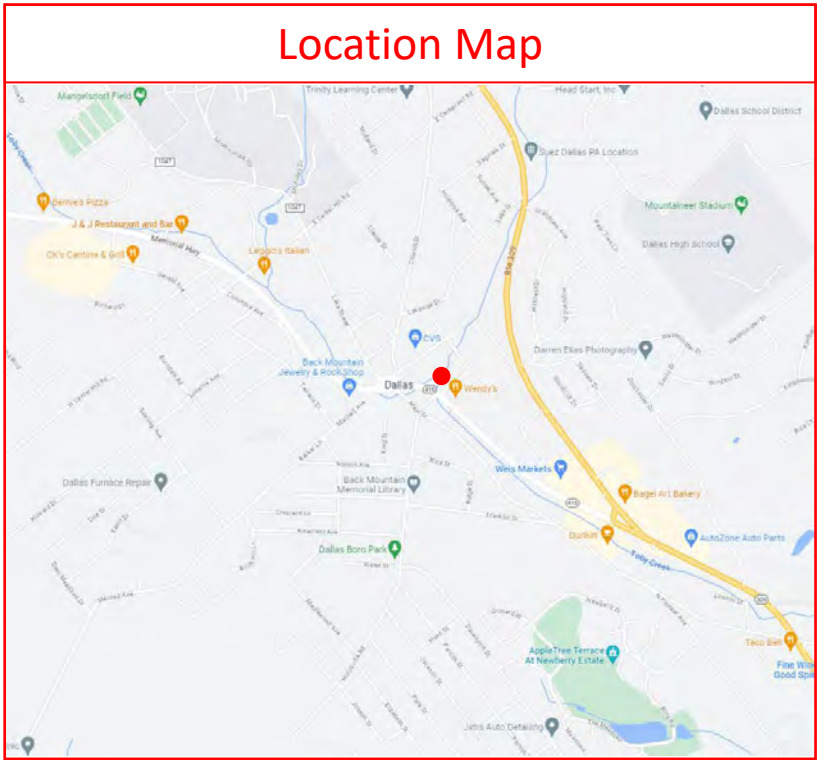


BMP ID	Detailed Description	Latitude	Longitude	Pollutant Reduction Ca			
				Impervious Area (Ac)	Pervious Area (Ac)	Impervious Percentage %	TSS Impervious Loading Rate (lb/Ac/yr)
B1	Retrofit detention basin to dry extended detention basin	41.3569	41.357752	2.84	13.6	17.3%	1648.22
B7	Retrofit detention basin to dry extended detention basin	41.346645	-75.975603	4.96	2.65	65.2%	1,648.22
B16	Retrofit detention basin to dry extended detention basin	41.34117	-75.995471	0.55	1.87	22.7%	1,648.22
B33	Retrofit detention basin to dry extended detention basin	41.333544	-75.939487	4.96	9.89	33.4%	1,648.22
B34	Retrofit detention basin to dry extended detention basin	41.334959	-75.934884	2.21	4.82	31.4%	1,648.22
B35	Retrofit detention basin to dry extended detention basin	41.332832	-75.938869	1.32	4.71	21.9%	1,648.22
B41	Retrofit detention basin to dry extended detention basin	41.3523	-75.973454	3.48	4.64	42.9%	1,648.22
B45	Retrofit detention basin to dry extended detention basin	41.353645	-75.972851	0.72	0.96	42.9%	1,648.22
B51	Retrofit detention basin to dry extended detention basin	41.339911	-75.996876	1.97	2.49	44.2%	1,648.22



Calculation		
TSS Pervious Loading Rate (lb/Ac/yr)	BMP Effectiveness	Annual Load Captured <sup>1</sup> (lb/yr)
221.19	0.6	4,613.48
221.19	0.6	5,256.79
221.19	0.6	792.09
221.19	0.6	6,217.64
221.19	0.6	2,825.22
221.19	0.6	1,930.47
221.19	0.6	4,057.28
221.19	0.6	839.44
221.19	0.6	2,278.65





Dallas Area Municipal Authority  
Dallas Borough  
Luzerne Co, PA

Proposed Stream Restoration  
SB17



108 WEST AIRPORT ROAD  
LITITZ, PA 17543  
Tel 717.569.7021

SCALE:  
Na

DATE  
6.14.2023

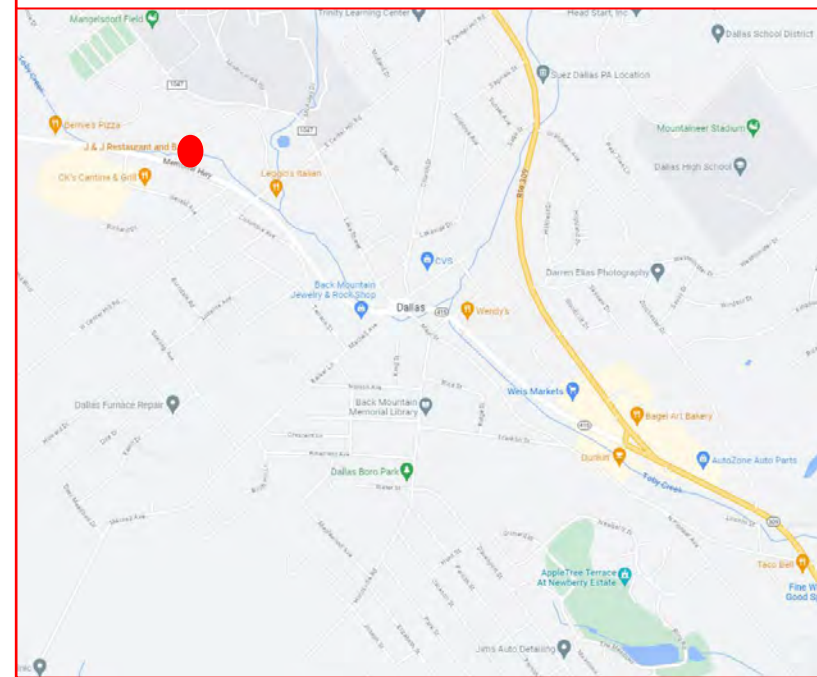
DWG. NO.

SEAL





Location Map



Dallas Area Municipal Authority  
Dallas Township  
Luzerne Co, PA

Proposed Stream Restoration  
SB12



108 WEST AIRPORT ROAD  
LITITZ, PA 17543  
Tel 717.569.7021

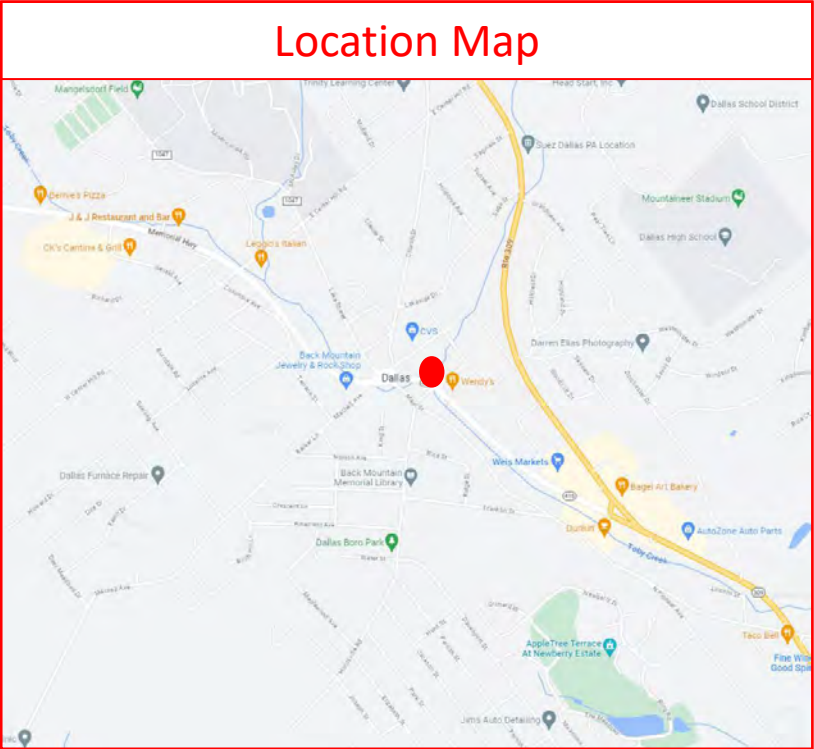
SCALE: Na	DATE 6.14.2023	DWG. NO.
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1150 linear foot  
2 acres of floodplain access



Dallas Area Municipal Authority  
Dallas Township  
Luzerne Co, PA

Proposed Stream Restoration  
SB19



108 WEST AIRPORT ROAD  
LITITZ, PA 17543  
Tel 717.569.7021

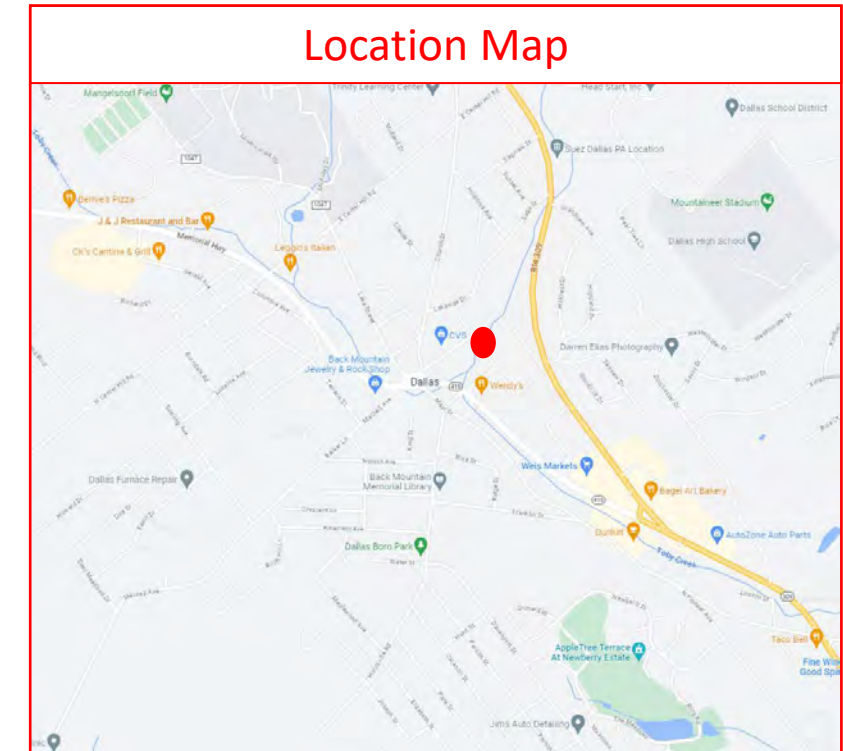
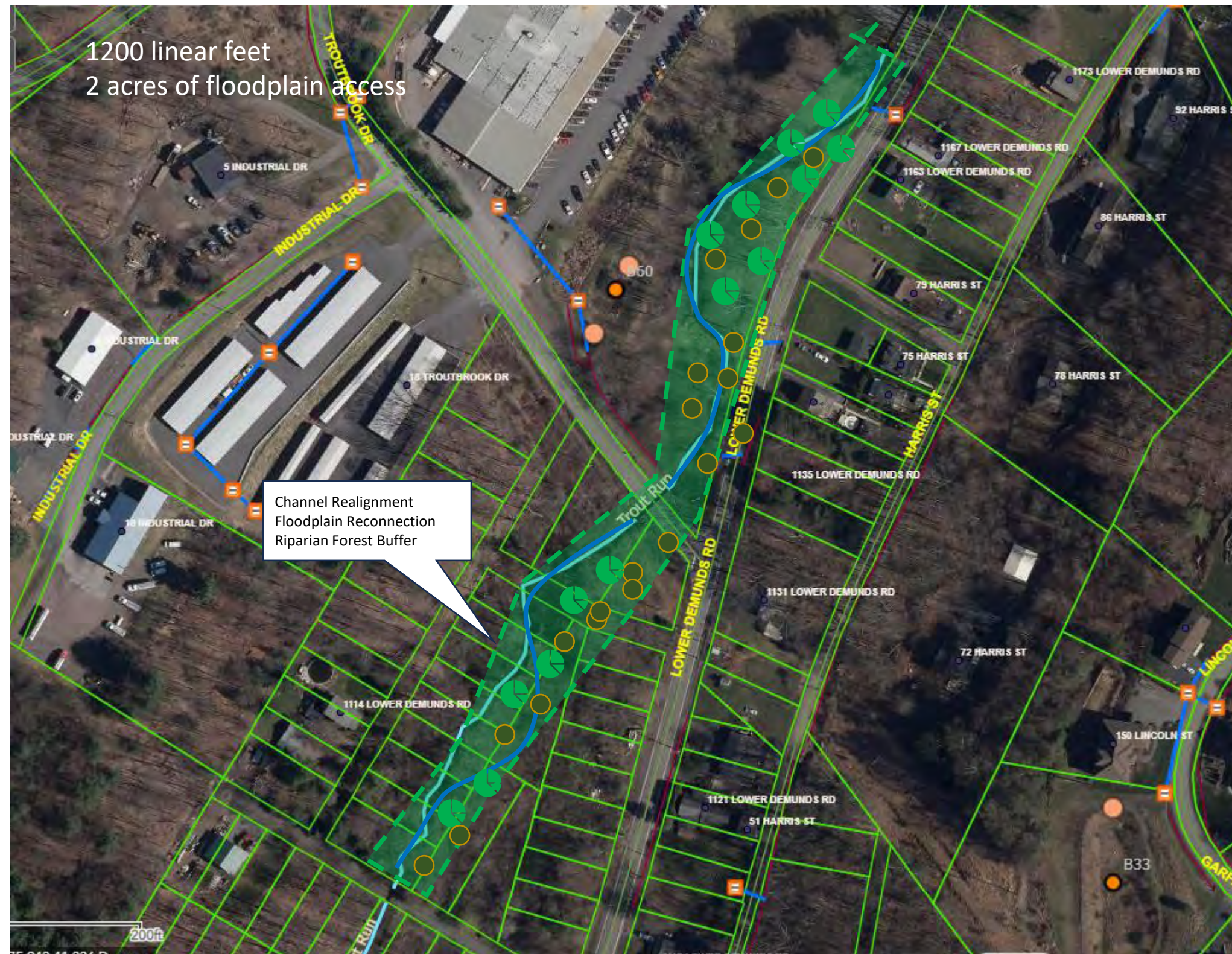
SCALE:  
Na

DATE  
6.14.2023

DWG. NO.

SEAL





Dallas Area Municipal Authority  
Dallas Township  
Luzerne Co, PA

Proposed Stream Restoration  
SB20



108 WEST AIRPORT ROAD  
LITITZ, PA 17543  
Tel 717.569.7021

SCALE:  
Na

DATE  
6.14.2023

DWG. NO.

SEAL



TABLE 1		PCSM BMP INVENTORY (DALLAS TOWNSHIP 2022 ANNUAL MS4 REPORT)						
BMP No.	BMP Name	DA (ac)	O&M Responsibility	Latitude	Longitude	Date Installed	O&M Requirements	NPDES Permit No.
B1	Dry detention basin for Masonic Village	unknown	Owner	41.3578	-75.9757	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B2	Extended dry detention basin for Irem Pavilion	unknown	Owner	41.3580	-75.9717	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 046
B3	Extended dry detention basin for Misericordia Track	unknown	Owner	41.3499	-75.9737	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B4	Extended dry detention basin for Misericordia Track	unknown	Owner	41.3496	-75.9743	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B5	Extended dry detention basin for Misericordia Baseball Field	unknown	Owner	41.3478	-75.9709	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B6	Dry detention basin for Misericordia	unknown	Owner	41.3471	-75.9715	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B7	Dry detention basin for Misericordia Tennis Courts	unknown	Owner	41.3466	-75.9756	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B8	Dry detention basin for Misericordia along Lake St	unknown	Owner	41.3425	-75.9707	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B9	Dry detention basin for Misericordia	unknown	Owner	41.3452	-75.9686	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAI1202537
B10	Dry detention basin for Payne Printery	unknown	Owner	41.3417	-75.9754	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B11	Wet Ponds for the Meadows Center	unknown	Owner	41.3409	-75.9685	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B12	Wet Ponds for the Meadows Center	unknown	Owner	41.3407	-75.9702	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B13	Dry detention basin for Country Club Shopping Center	unknown	Owner	41.3466	-75.9597	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A



B16	Dry detention basin for St. Paul's Lutheran Church	unknown	Owner	41.3412	-75.9955	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B17	Extended dry detention basin for Steve Shannon Tire & Auto	unknown	Owner	41.3424	-75.9949	AFTER 2006	Vegetation, Fencing, Sediment Removal	N/A
B18	Dry detention basin for Dollar General	unknown	Owner	41.3421	-75.9941	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B19	Dry detention basin for Luzerne Bank	unknown	Owner	41.3421	-75.9930	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B20	Extended dry detention basin for Turkey Hill Mini Market	unknown	Owner	41.3426	-75.9929	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG02004012033
B21	Dry detention basin for Yalick Farms	unknown	Owner	41.3404	-75.9876	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004005043
B22	Dry detention basin for Yalick Farms	unknown	Owner	41.3389	-75.9891	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004005043
B23	Wet Pond for Overbrook Farms	unknown	Owner	41.3204	-75.9545	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAR10R254
B24	Dry detention basin for Overbrook Farms	unknown	Owner	41.3203	-75.9516	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAR10R254
B25	Dry detention basin for Overbrook Farms	unknown	Owner	41.3210	-75.9523	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAR10R254
B26	Dry detention basin for A&A Auto	unknown	Owner	41.3276	-75.9471	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B28	Extended dry detention basin for DSD Baseball Field	unknown	Owner	41.3430	-75.9502	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG02004014021
B29_B30	Dry detention basins (2) for Saddle Ridge	unknown	Owner	41.3394	-75.9270	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG02004011021
B33	Dry detention basin for Ondish Hills	unknown	Owner	41.3335	-75.9395	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004003011
B34	Dry detention basin for Ondish Hills	unknown	Owner	41.3350	-75.9349	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004003011



B35	Dry detention basin for Ondish Hills	unknown	Owner	41.3328	-75.9389	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004003 011
B36	Wet Pond for Frontier Communications	unknown	Owner	41.3591	-75.9660	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B37	Underground dry detention for Applewood Manor	unknown	Owner	41.3709	-75.9417	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B38	Dry detention basin for Country Club Shopping Center	unknown	Owner	41.3474	-75.9594	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B39	Dry detention basin for CH Waltz	unknown	Owner	41.3453	-75.9618	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004006 015
B40	Dry detention basin for Dallas Fire & Ambulance	unknown	Owner	41.3441	-75.9619	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B41	Dry detention basin for Masonic Village	unknown	Owner	41.3523	-75.9735	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 046
B42	Dry detention basin for Masonic Village	unknown	Owner	41.3525	-75.9741	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 046
B43	Dry detention basin for Masonic Village	unknown	Owner	41.3528	-75.9744	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 046
B44	Dry detention basin for Masonic Village	unknown	Owner	41.3532	-75.9737	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 046
B45	Dry detention basin for Masonic Village	unknown	Owner	41.3536	-75.9729	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 046
B46	Underground dry detention basin for Coates Reprographics	unknown	Owner	41.3521	-75.9749	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B47	Dry detention basin for Misericordia parking lot	unknown	Owner	41.3475	-75.9703	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004007 018
B48	Dry detention basin for Sisters of Mercy parking lot	unknown	Owner	41.3415	-75.9679	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B49	Dry detention basin for Sisters of Mercy parking lot	unknown	Owner	41.3403	-75.9680	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A



B50	Dry detention basin for Village at Greenbriar	unknown	Owner	41.3420	-76.0035	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG2004003 013
B51	Dry detention basin for St. Paul's Lutheran Church	unknown	Owner	41.3407	-75.9980	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B52	Wet Ponds for Newberry Estates	unknown	Owner	41.3265	-75.9560	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B53	Wet Ponds for Newberry Estates	unknown	Owner	41.3262	-75.9530	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B54	Wet Ponds for Newberry Estates	unknown	Owner	41.3261	-75.9519	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B55	Underground dry detention basin for Connors	unknown	Owner	41.3279	-75.9468	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B56	Dry detention basin for Parker Self Storage	unknown	Owner	41.3308	-75.9430	BEFORE 2006	Vegetation, Fencing, Sediment Removal	N/A
B57	Extended dry detention basin for Dorchester Development	unknown	Owner	41.3307	-75.9493	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG0200400 9022
B59	Extended dry detention basin for Dorchester Development	unknown	Owner	41.3315	-75.9489	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG0200400 9022
B60	Extended dry detetnion basin for Pulverman	unknown	Owner	41.3355	-75.9417	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG0200401 4041
B61	Dry detention basin for Maplewood Heights	unknown	Owner	41.3337	-75.9339	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAC400042
B81	Extended dry detention basin for DSD High School	unknown	Owner	41.3383	-75.9506	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAG2004008 035
B83	Dry detention basin for Yalick Farms	unknown	Owner	41.3416	-75.9869	BEFORE 2006	Vegetation, Fencing, Sediment Removal	PAG0200401 4014
B84	Beaumont Inn	unknown	Owner	41.3889	-75.9819	AFTER 2006	Vegetation, Fencing, Sediment Removal	PAI1216977
B85	Dallas Twp Salt Shed basin	.20 acres	Owner	41.3483	-75.9597	2021	Vegetation, Sediment Removal	N/A
B86	Dallas Twp Southside Park Basin	6.10 acres	Owner	41.3381	-75.9600	2021	Vegetation, Fencing, Sediment Removal	N/A



BMP No.	BMP Name	Date Installed/ Implemented	Annual Sediment		Active	Drainage Area	% Impervious	BMP Extent	Units	Latitude	Longitude	BMP in Planning Area	BMP Completed for Chapter 102	Collaborative BMP	List MS4 Collaborators	Retrofit	Date of Latest Inspection
			Load Reduction (lbs/year)	Satisfactory													
1	Dry Detention Basins	01/01/2006	113	Yes	Yes	1.32	80		Acres	41.357752	-75.975702	Yes	Yes	No		No	04/01/2022
2	Dry Extended Detention Basins	01/01/2007	681	Yes	Yes	1.46	64		Acres	41.357961	-75.971727	Yes	Yes	No		No	04/01/2022
3	Dry Extended Detention Basins	01/01/2007	2,870	Yes	Yes	8.39	32		Acres	41.349945	-75.973699	Yes	Yes	No		No	04/01/2022
4	Dry Extended Detention Basins	01/01/2007	2,870	Yes	Yes	8.39	32		Acres	41.349551	-75.974297	Yes	Yes	No		No	04/01/2022
5	Dry Extended Detention Basins	01/01/2007	147	Yes	Yes	1.11	0		Acres	41.347836	-75.970862	Yes	Yes	No		No	04/01/2022
6	Dry Extended Detention Basins	01/01/2006	194	Yes	Yes	2.09	50		Acres	41.347121	-75.971532	Yes	Yes	No		No	04/01/2022
7	Dry Detention Basins	01/01/2006	752	Yes	Yes	6.48	93		Acres	41.346645	-75.975603	Yes	Yes	No		No	04/01/2022
8	Dry Detention Basins	01/01/2006	1,241	Yes	Yes	18.45	46		Acres	41.342486	-75.970723	Yes	Yes	No		No	04/01/2022
9	Dry Detention Basins	01/01/2006	209	Yes	Yes	1.82	84		Acres	41.345169	-75.968582	Yes	Yes	No		No	04/01/2022
10	Dry Detention Basins	01/01/2006	571	Yes	Yes	8.43	47		Acres	41.341652	-75.975368	Yes	Yes	No		No	04/01/2022
11	Wet Ponds and Wetlands	01/01/2006	8,171	Yes	Yes	21.51	41		Acres	41.340871	-75.968469	Yes	Yes	No		No	04/01/2022
12	Wet Ponds and Wetlands	01/01/2006	8,171	Yes	Yes	21.51	41		Acres	41.34073	-75.970232	Yes	Yes	No		No	04/01/2022
13	Dry Detention Basins	01/01/2006	609	Yes	Yes	4.9	52		Acres	41.346552	-75.959739	Yes	Yes	No		No	04/01/2022
14	Dry Detention Basins	01/01/2006	147	Yes	Yes	2.41	38		Acres	41.34117	-75.995471	Yes	Yes	No		No	04/01/2022
15	Dry Extended Detention Basins	01/01/2007	951	Yes	Yes	1.54	30		Acres	41.342397	-75.994937	Yes	Yes	No		No	04/01/2022
16	Dry Detention Basins	01/01/2006	167	Yes	Yes	1.2	71		Acres	41.342131	-75.994051	Yes	Yes	No		No	04/01/2022
17	Dry Detention Basins	01/01/2006	155	Yes	Yes	1.42	58		Acres	41.342128	-75.993012	Yes	Yes	No		No	04/01/2022
18	Dry Extended Detention Basins	01/01/2007	681	Yes	Yes	2	31		Acres	41.342635	-75.992874	Yes	Yes	No		No	04/01/2022
19	Dry Detention Basins	01/01/2005	1,331	Yes	Yes	19.44	48		Acres	41.340405	-75.987649	Yes	Yes	No		No	03/03/2022
20	Dry Detention Basins	01/01/2005	526	Yes	Yes	6.96	60		Acres	41.33886	-75.989053	Yes	Yes	No		No	03/03/2022
21	Wet Ponds and Wetlands	01/01/2005	19,514	Yes	Yes	94	9		Acres	41.320399	-75.95446	Yes	Yes	No		No	03/03/2022
22	Dry Detention Basins	01/01/2005	724	Yes	Yes	22	9		Acres	41.320267	-75.951648	Yes	Yes	No		No	03/03/2022
23	Dry Detention Basins	01/01/2005	82	Yes	Yes	2.36	10		Acres	41.320984	-75.952313	Yes	Yes	No		No	03/03/2022
24	Dry Detention Basins	01/01/2005	580	Yes	Yes	10.07	3		Acres	41.327584	-75.947135	Yes	Yes	No		No	03/03/2022
25	Dry Detention Basins	01/01/2005	533	Yes	Yes	8.56	4		Acres	41.333231	-75.954557	Yes	Yes	No		No	03/03/2022
26	Dry Extended Detention Basins	01/01/2007	10,479	Yes	Yes	14.52	21		Acres	41.342955	-75.950188	Yes	Yes	No		No	03/03/2022
27	Dry Detention Basins	01/01/2005	1,333	Yes	Yes	25.9	26		Acres	41.339425	-75.927015	Yes	Yes	No		No	03/03/2022
28	Dry Detention Basins	01/01/2005	836	Yes	Yes	11.68	53		Acres	41.333544	-75.939487	Yes	Yes	No		No	03/03/2022
29	Dry Detention Basins	01/01/2005	178	Yes	Yes	1.49	11		Acres	41.334959	-75.934884	Yes	Yes	No		No	03/03/2022
30	Dry Detention Basins	01/01/2005	27	Yes	Yes	.96	4		Acres	41.332832	-75.938869	Yes	Yes	No		No	03/03/2022
31	Wet Ponds and Wetlands	01/01/2005	12,948	Yes	Yes	19.49	64		Acres	41.359071	-75.965986	Yes	Yes	No		No	03/03/2022
32	Dry Detention Basins	01/01/2005	489	Yes	Yes	7.17	48		Acres	41.370871	-75.941714	Yes	Yes	No		No	03/03/2022
33	Dry Detention Basins	01/01/2005	58	Yes	Yes	.38	67		Acres	41.347439	-75.959422	Yes	Yes	No		No	03/03/2022
34	Dry Detention Basins	01/01/2005	145	Yes	Yes	1.18	38		Acres	41.34534	-75.961846	Yes	Yes	No		No	03/03/2022
35	Dry Detention Basins	01/01/2005	90	Yes	Yes	.62	75		Acres	41.344083	-75.961877	Yes	Yes	No		No	03/03/2022
36	Dry Detention Basins	01/01/2005	175	Yes	Yes	2	17		Acres	41.3523	-75.973454	Yes	Yes	No		No	03/03/2022
37	Dry Detention Basins	01/01/2005	175	Yes	Yes	2	17		Acres	41.3525	-75.974108	Yes	Yes	No		No	03/03/2022
38	Dry Detention Basins	01/01/2005	175	Yes	Yes	2	17		Acres	41.352799	-75.97436	Yes	Yes	No		No	03/03/2022
39	Dry Detention Basins	01/01/2005	175	Yes	Yes	2	17		Acres	41.353177	-75.973711	Yes	Yes	No		No	03/03/2022
40	Dry Detention Basins	01/01/2005	175	Yes	Yes	2	17		Acres	41.353645	-75.972851	Yes	Yes	No		No	03/03/2022
41	Dry Detention Basins	01/01/2005	235	Yes	Yes	1.66	15		Acres	41.35214	-75.97486	Yes	Yes	No		No	03/03/2022



42 Dry Detention Basins	01/01/2005	294	Yes	Yes	2.35	61	Acres	41.347476	-75.970295	Yes	Yes	No	No	03/03/2022
43 Dry Detention Basins	01/01/2005	39	Yes	Yes	.31	44	Acres	41.341473	-75.967902	Yes	Yes	No	No	03/03/2022
44 Dry Detention Basins	01/01/2005	41	Yes	Yes	.38	53	Acres	41.340287	-75.968049	Yes	Yes	No	No	03/03/2022
45 Dry Detention Basins	01/01/2005	359	Yes	Yes	3.42	38	Acres	41.341989	-76.003488	Yes	Yes	No	No	03/03/2022
46 Dry Detention Basins	01/01/2005	246	Yes	Yes	2.18	73	Acres	41.340748	-75.997998	Yes	Yes	No	No	03/03/2022
47 Wet Ponds and Wetlands	01/01/2005	23,864	Yes	Yes	70	11	Acres	41.326541	-75.956046	Yes	Yes	No	No	03/05/2022
48 Wet Ponds and Wetlands	01/01/2005	23,864	Yes	Yes	70	11	Acres	41.326237	-75.953025	Yes	Yes	No	No	03/05/2022
49 Wet Ponds and Wetlands	01/01/2005	23,864	Yes	Yes	70	11	Acres	41.326148	-75.951897	Yes	Yes	No	No	03/05/2022
50 Dry Detention Basins	01/01/2005	74	Yes	Yes	.46	45	Acres	41.327919	-75.946752	Yes	Yes	No	No	03/05/2022
51 Dry Detention Basins	01/01/2005	218	Yes	Yes	1.36	33	Acres	41.33077	-75.943041	Yes	Yes	No	No	03/05/2022
52 Dry Extended Detention Basins	01/01/2007	1,955	Yes	Yes	2.67	9	Acres	41.330712	-75.9493	Yes	Yes	No	No	03/05/2022
53 Dry Extended Detention Basins	01/01/2007	1,955	Yes	Yes	2.67	9	Acres	41.33168	-75.949985	Yes	Yes	No	No	03/05/2022
54 Dry Extended Detention Basins	01/01/2007	1,955	Yes	Yes	2.67	9	Acres	41.331527	-75.948897	Yes	Yes	No	No	03/05/2022
55 Dry Extended Detention Basins	01/01/2007	1,579	Yes	Yes	3.03	84	Acres	41.335522	-75.941696	Yes	Yes	No	No	03/05/2022
56 Dry Detention Basins	01/01/2005	727	Yes	Yes	13.32	29	Acres	41.333731	-75.933949	Yes	Yes	No	No	03/05/2022
57 Dry Detention Basins	01/01/2005	226	Yes	Yes	3.2	51	Acres	41.334246	-75.928256	Yes	Yes	No	No	03/05/2022
58 Infiltration Practices w/ Sand, veg.	01/01/2021	125	Yes	Yes	.4	10	Acres	41.3483	-75.9597	Yes	Yes	No	No	03/05/2022
59 Bioretention - Raingarden (A/B soils w/	01/01/2021	400	Yes	Yes	12.2	10	Acres	41.3381	-75.96	Yes	Yes	No	No	03/05/2022