



ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT

FOR THE PERIOD July 1, 2021 TO JUNE 30, 2022

GENERAL INFORMATION					
Permittee Name:	Dover Township	NPDES Permit No.:	PAG13366		
Mailing Address:	2480 West Canal Road	Effective Date:	7/1/2018		
City, State, Zip:	Dover, PA 17315	Expiration Date:	6/30/2023		
MS4 Contact Person:	Michael H. Fleming	Renewal Due Date:			
Title:	Public Works Director	Municipality:	Dover Township		
Phone:	717-292-3634	County:	York		
Email:	mffleming@dovertownship.org				
Co-Permittees (if applicable):					
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 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?
Chesapeake Bay Nutrients/Sediment	TSF	Yes	Siltation Water/Flow Variability	Yes	No
Honey Run	TSF	Yes	Siltation Water/Flow Variability	Yes	No
Little Conewago Creek	TSF	YES	Siltation Water/Flow Variability	Yes	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	Dover Township	Laurel Oswalt	7172923634
#2 Public Involvement/Participation	Dover Township	Laurel Oswalt	7172923634
#3 Illicit Discharge Detection and Elimination (IDD&E)	Dover Township	Laurel Oswalt & Michael H. Fleming	7172923634
#4 Construction Site Storm Water Runoff Control	York Co. Conservation District	Thomas L. Smith	7178407430
#5 Post-Construction Storm Water Management in New Development and Redevelopment	Dover Township	Michael H. Fleming	7172923634
#6 Pollution Prevention / Good Housekeeping	Dover Township	Michael H. Fleming	7172923634

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: 2/17/2021 Were updates made? ☐ Yes ☒ No

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

We continue to use social media to provide educational information to employees, residents, and business owners. As time permits, we are still updating/revising job descriptions and annual evaluations to include MS4 concepts. We continue to provide our schools & residents a quarterly printed newsletter delivered to their home. We did hold two public joint presentations directed towards Dover, West Manchester, and Manchester Townships residents on stormwater topics. We continue to update our website and front lobby handouts on current stormwater issues. The HOA list was last updated in May 2022 with new contact information. Businesses are still receiving our newsletters and are given the opportunity to advertise within the quarterly publication.

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:

Attempt to increase public participation at outreach events.

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: 5/18/2022 Were updates made? ☒ Yes ☐ No

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

1. For new permittees only, were stormwater educational and informational items produced and published in print and/or on the Internet within the first year of permit coverage?
☐ Yes ☐ No
2. Date of latest annual review of educational materials: 9/14/2021 Were updates made? ☒ Yes ☐ No
3. Do you have a municipal website? ☒ Yes ☐ No (URL:
www.dovertownship.org)

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

New - Stormwater Management Ordinance, DEP Stormwater BMP Manual, DEP Homeowners Guide to Stormwater BMP Maintenance, an interactive map for residents to find out if they are within our MS4 urbanized area, our stormwater map with inlets, BMPs, etc., video titled Stormwater, You , and Your Community, links to DEP, EPA and Watershed Alliance of York websites, EPA "After the Storm" brochures in English & Spanish, Dover Township BMP Inspections article (new) Dover Twp. "Disconnecting Sump Pumps", DEP "Guidelines for Maintaining Streams in Your Community", Dover Twp. "Living Streamside" pamphlet, Penn State Extension " Managing Stormwater: It Starts at Home", Chesapeake Bay Foundation "Rain Barrel Maintenance", MS4 Partners "The Spring Creek Stormwater Activity Book", DEP "When It Rains It Drains", EPA "Green Scaping", DEP FACEBOOK page "Let's Be Stormwater Smart, PA", Dover Township "Maintaining Detention Ponds", MARC "Oil and Water Don't Mix", Dover Township "Stormwater Management Small Project Guide", Avalon Borough "Tyler & Alex" YOUTUBE video, explanation of all six MCMs, Current Dover Twp. "NPDES Notice of Intent ", Current "York Co. Regional Chesapeake Bay Pollutant Reduction Plan", Dover Twp. "Annual MS4 Presentation", Chesapeake Stormwater Network "Homeowner Guide to Make Your Property Bay Friendly", C.S. Davidson "Preparing for the Storm", Penn State Extension "Creating a Rain Garden", eco struction "The Why's & How's of Riparian Buffers", EPA "Stormwater Pollution" doorhanger, Dover Twp. "Stormwater O & M Agreement ", DEP "Report an Incident" webpage, Dover Twp. "On-Lot Septic ordinance", 2021 Earth Day Tire Cleanup Video with Dover Doug, Stormwater PA "Low Impact Development" Case Study video, York Co. Coalition for Clean Waters "The Re-Cap" bi-monthly newsletter, announcements on current MS4 education seminar being cancelled due to COVID19, announcement on current Conservation Excellence Grant Programs, and Dover Twp. announcements on employee rain garden planting.

4. Describe any other method(s) used during the reporting period to provide information on stormwater to the public:
Quarterly township newsletters, updates to township website, and updates to pamphlets in Township lobby.

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

We continue to monitor Federal, Pennsylvania DEP, PennState Extension, York County and Chesapeake Bay Foundation organizations to share their new publications with our employees, residents, schools, businesses, and developers.

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).

We perform a monthly inventory of 19 various pamphlets and or brochures that are available in our Township vestibule for people to help themselves to (these pieces of literature were updated September 14, 2021, and October 27, 2021, - DEP 3800-FS-DEP 4251 7/2013 Swimming Pool Water Discharge Guidelines). All Township Board of Supervisors meeting we discuss current MS4 programs and every monthly staff and safety meeting MS4 concerns are discussed.

MCM #1 Comments:

Future updates include utilizing more of the new PennState Extension articles on our website.

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: 2/17/2021

Were updates made?

☐ Yes ☒ No

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

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

The Revised Stormwater Management Ordinance was discussed at public Board of Supervisors meeting on May 23, 2022, June 27, 2022, and July 25, 2022. It was included in meeting agendas and meeting minutes which are located on the township website. It was advertised in the York Daily Record and York Dispatch newspapers on June 24, 2022.

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

Ordinance / SOP / Plan Name	Date of Public Notice	Date of Public Hearing	Date Enacted or Submitted to DEP
Ordinance 2022-01 Revised Stormwater Management Ordinance	6/24/2022	6/27/2022	6/27/2022

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

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

☒ Yes ☐ No

If Yes, Date of Meeting or Event: All Township Board of Supervisor and monthly Staff Safety Committee meeting agendas include discussion on MS4 Updates or questions.

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.

Adopt a Roadway Cleanup events were conducted on 9/18/2021, along Emig Mill and Fox Run Roads, on 10/11/2021, again along Emig Mill and Fox Run Roads, and on 5/13/2022, along Fish & Game and Celine Drive.

3. Report activities in which members of the public assisted or participated in the meetings and in the implementation of the SWMP, including education activities or efforts such as cleanups, monitoring, storm drain stenciling, or others.

There were two public gatherings; September 14, 2021, Dover Twp. in cooperation with Manchester & West Manchester Township's, hosted an event at Dover Township on Riparian Forest Buffers, instructed by Ryan Davis, Alliance for the Chesapeake Bay, April 20, 2022; Manchester Township hosted an event on Managing Stormwater: At Home & In Municipalities, instructed by Jodi Sulpizio, PennState Extension.

MCM #2 Comments:

Educational signs associated with raingardens within Eagle View Park have not been installed due to permit delays for the next phase of construction. We anticipate this work moving forward in 2023.

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: 3/3/2021 Were updates made? ☒ Yes ☐ No

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

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

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

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

2. Date of last update or revision to map(s): 9/07/2022

3. Total No. of Outfalls in MS4: 14 Total No. of Outfalls Mapped: 14

4. Total No. of Observation Points: 205 Total No. of Observation Points Mapped: 205

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): 9/07/2022

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

For new permittees, all identified outfalls (and if applicable observation points) must be screened during dry weather at least twice within the 5-year period following permit coverage. For existing permittees, all identified outfalls (and if applicable observation points) must be screen during dry weather at least once within the 5-year period following permit coverage and, for areas where past problems have been reported or known sources of dry weather flows occur on a continual basis, outfalls must be screened annually during each year of permit coverage.

1. How many unique outfalls (and if applicable observation points) were screened during the reporting period? 5
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: 7%
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: 7/26/2022
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? Our quarterly Township newsletters included various MS4 articles on illegal dumping along public roads, adopt a road/park program, water conservation, recycling, proper disposal of grass clippings, brush collection, leaf collection, bulk item pick up, MS4 semi-annual education sessions, utility upgrade projects, and hydrant flushing. Our Township website has a link within the MS4 page under MCM #3, <https://www.dovertownship.org/departments/public-works/ms4/> that allows anyone access to "Report a Pollution Event" to PA DEP Emergency Response Program. Employees, business owners, and residents also can utilize the York County 911 system to report an incident.

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:

In addition to inspecting/screening our outfalls and observation points Township staff has inspected 115 storm water inlets during our current permit cycle. We have a total of 1,963 inlets within our Urbanized Area and at the time of this report we have inspected 66% of them.

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: 7/26/2022

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

3. If Yes to #2 and the ordinance or SOP has not been submitted previously, attach a copy of the ordinance or SOP.

BMP #4: Review Erosion and Sediment (E&S) control plans to ensure that such plans adequately consider water quality impacts and meet regulatory requirements.

Specify the number of E&S Plans you reviewed during the reporting period:

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

Specify the number of E&S inspections you completed during the reporting period:

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

Specify the number of enforcement actions you took during the reporting period for improper E&S:

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

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

BMP #8: Develop and implement procedures for the receipt and consideration of public inquiries, concerns, and information submitted by the public to the permittee regarding local construction activities.

1. A tracking system has been established for receipt of public inquiries and complaints. ☐ Yes ☐ No

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

MCM #4 Comments:

MOU with York County Conservation District Board of Directors - 9/9/2010.

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: 7/26/2022
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: 7/26/2022
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.

BMP 081 – Royal Farms – Email sent to Store Leader with inspection report. **BMP 020** - Glen Hollow Detention Pond – Emails and site visits with contractor regarding repairing discharge pipe. Work completed in Fall of 2021. **BMP 009** - Eagle View Park - seeding and rip rap repairs needed because of 9/1/2022 storms. Work was completed by Land Studies. **BMP 040** - WEIS Markets - Emails and site visits to remove sediment and rip rap because of 8/18/2021 & 9/1/2021 flooding events. Work was finally completed 9/8/2022. **BMP 046** – Donwood Phase 2A - Swale 1 and 2A holding water. Developer notified and a meeting occurred with York Co. Conservation District regarding repairs. **BMP 005** – Lehr Park – Sediment removal and outlet structure repair needed at Township Park property. Repairs have been completed. **BMP 001, 002, 003 & 004** – Dover Township Municipal Building – Lawn repairs needed.

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 satisfy PCSM requirements for earth disturbance activities under Chapter 102, and provide the requested information (see instructions)

BMP No.	BMP ID	BMP Name	DA (ac)	Entity Responsible for O&M	Latitude	Longitude	Date Installed	O&M
1	BMP-007.00	Dry Extended Detention Basin E	34.41	Affordable Housing Options INC / MGM Enterprises INC	39°58' 27.3452722 4" N	076°49' 51.2690766 7" W	1/1/2002	
2	BMP-015	Dry Extended Detention Basin 2	18.10	Admire Springs HOA	39°58' 23.3864049 2" N	076°50' 42.9415566 5" W	4/22/2003	Go
3	BMP-025.00	Dry Extended Detention Basin	20.40	Brownstone Manor HOA	39°59' 13.6461583 5" N	076°50' 21.7516275 3" W	1/1/2004	A
4	BMP-025.01	Water Quality Filter SWMH-8 SMH-A008	0.00	Village Road Brownstone Manor Phase 1	39°59' 11.7311520 1" N	076°50' 20.6901595 1" W	1/1/2004	
5	BMP-025.02	Water Quality Filter CB-1A	0.00	Village Road Brownstone Manor Phase 1	39°59' 15.2366884 7" N	076°50' 22.1656197 2" W	1/1/2004	Johr
6	BMP-025.03	Water Quality Filter SWMH-7	0.00	Village Road Brownstone Manor Phase 1	39°59' 06.5902545 3" N	076°50' 22.7993901 4" W	1/1/2004	Johr
7	BMP-025.04	Water Quality Filter CB-64	0.00	Village Road Brownstone Manor Phase 1	39°59' 10.1017218 9" N	076°50' 20.1375349 9" W	1/1/2004	Johr
8	BMP-025.05	Water Quality Filter CB-53	0.00	Village Road Brownstone Manor Phase 1	39°59' 04.4943811 5" N	076°50' 24.1559385 6" W	1/1/2004	Johr
9	BMP-025.06	Vegetated swale PDC-1 (not installed BOS involved 3-9-20)	0.00	Village Road Brownstone Manor Phase 1	39°59' 11.9654277 1" N	076°50' 34.3581627 4" W	1/1/2004	Johr
10	BMP-026.00	Wetlands	0.14	Nittany Drive Salem Run HOA	39°58' 57.0168507 7" N	076°51' 11.3311403 4" W	1/1/2004	PO
11	BMP-026.01	Vegetated Swale PDC-4	0.00	Nittany Drive Salem Run HOA	39°58' 56.4812438 4" N	076°51' 11.1930642 5" W	1/1/2004	PO

12	BMP-026.02	Vegetated Swale PDC-2	0.00	Nittany Drive Salem Run HOA	39°58' 54.4187373 1" N	076°51' 09.9404739 0" W	1/1/2004	PO
13	BMP-026.03	Vegetated Swale E-SW	0.00	Nittany Drive Salem Run HOA	39°58' 55.3106244 4" N	076°51' 06.9392916 5" W	1/1/2004	PO
14	BMP-026.04	Vegetated Swale W-SW	0.00	Nittany Drive Salem Run HOA	39°58' 53.4848893 2" N	076°51' 08.8521286 4" W	1/1/2004	PO
15	BMP-026.05	Vegetated Swale HE-1 - SW	0.00	Nittany Drive Salem Run HOA	39°58' 55.1975165 7" N	076°51' 08.8521286 4" W	1/1/2004	PO
16	BMP-028.00	Dry Extended Detention Basin	8.14	Nittany Drive Salem Run HOA	39°58' 59.2190176 2" N	076°51' 15.7013992 8" W	1/1/2004	PO
17	BMP-028.01	Vegetated Swale PDC-1	0.00	Nittany Drive Salem Run HOA	39°58' 51.8512248 0" N	076°51' 12.4765968 9" W	1/1/2004	PO
18	BMP-028.01	Vegetated Swale PDC-1	0.00	Nittany Drive Salem Run HOA	39°58' 54.8638325 7" N	076°51' 18.3859469 6" W	1/1/2004	PO
19	BMP-028.02	Vegetated Swale PDC-3	0.00	Nittany Drive Salem Run HOA	39°58' 56.3037660 4" N	076°51' 16.0478119 3" W	1/1/2004	PO
20	BMP-036	Dry Extended Detention Basin B	9.33	1702 Ashcombe Drive Ashcombe Farms Dover HOA Phase 1	40°00' 06.9583622 3" N	076°49' 49.1788486 4" W	1/1/2004	
21	BMP-017.00	Dry Extended Detention Basin #1	16.22	Lynn Circle Ashcombe Farms West HOA Phase 1	39°59' 41.8370527 7" N	076°50' 04.4814863 7" W	9/29/2004	
22	BMP-017.01	Rip Rap Swale #1	0.00	Lynn Circle Ashcombe Farms West HOA Phase 1	39°59' 41.3613484 6" N	076°50' 02.5693349 7" W	9/29/2004	
23	BMP-057.00	Dry Extended Detention Basin	27.23	Brooke Drive Shadowtree LP	40°00' 20.3900733 3" N	076°48' 57.8271879 4" W	1/1/2005	PO Assoc

24	BMP-057.01	Vegetated Swale PDC-1	0.00	Brooke Drive Shadowtree LP	40°00' 25.7312677 3" N	076°48' 56.3743491 0" W	1/1/2005	PO Assoc
25	BMP-057.01	Vegetated Swale PDC-1	0.00	Brooke Drive Shadowtree LP	40°00' 24.5811376 2" N	076°48' 55.8694154 2" W	1/1/2005	PO Assoc
26	BMP-057.01	Vegetated Swale PDC-1	0.00	Brooke Drive Shadowtree LP	40°00' 25.1274221 0" N	076°48' 57.9099120 0" W	1/1/2005	PO Assoc
27	BMP-057.02	Vegetated Swale PDC-2	0.00	Brooke Drive Shadowtree LP	40°00' 22.0371131 8" N	076°48' 59.7199001 6" W	1/1/2005	PO Assoc
28	BMP-057.02	Vegetated Swale PDC-2A	0.00	Brooke Drive Shadowtree LP	40°00' 23.7231439 1" N	076°48' 59.5270961 9" W	1/1/2005	PO Assoc
29	BMP-057.02	Vegetated Swale PDC-2	0.00	Brooke Drive Shadowtree LP	40°00' 23.7709940 3" N	076°48' 55.8281116 0" W	1/1/2005	PO Assoc
30	BMP-057.03	Vegetated Swale PDC-3	0.00	Brooke Drive Shadowtree LP	40°00' 20.3714700 7" N	076°49' 02.7698372 1" W	1/1/2005	PO Assoc
31	BMP-057.03	Vegetated Swale PDC-3	0.00	Brooke Drive Shadowtree LP	40°00' 20.7954334 3" N	076°49' 01.6768447 9" W	1/1/2005	PO Assoc
32	BMP-057.05	Vegetated Swale PDC-5	0.00	Brooke Drive Shadowtree LP	40°00' 23.5252756 5" N	076°49' 06.1460783 1" W	1/1/2005	PO Assoc
33	BMP-057.04	Vegetated Swale PDC-4	0.00	Brooke Drive Shadowtree LP	40°00' 26.4742613 8" N	076°48' 53.1023636 0" W	1/1/2005	PO Assoc
34	BMP-043	Bioretention/raingardens - A/B soils, no underdrain	0.10	Fox Run Creek Estates	40°00' 06.2163302 2" N	076°49' 03.7781813 9" W	1/1/2005	
35	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 23.0503728 5" N	076°49' 07.6783587 7" W	1/1/2005	PO Assoc

36	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 21.9427598 2" N	076°49' 05.1451463 2" W	1/1/2005	PO Assn
37	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 18.5973982 4" N	076°49' 01.4917214 1" W	1/1/2005	PO Assn
38	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 19.3050126 1" N	076°49' 01.0508843 3" W	1/1/2005	PO Assn
39	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 23.0996003 7" N	076°48' 52.8218553 1" W	1/1/2005	PO Assn
40	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 22.2545344 9" N	076°48' 53.7965794 9" W	1/1/2005	PO Assn
41	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 21.1592242 3" N	076°48' 56.2494545 3" W	1/1/2005	PO Assn
42	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 21.5612488 5" N	076°48' 55.1622637 9" W	1/1/2005	PO Assn
43	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 24.7966171 3" N	076°48' 52.5182987 6" W	1/1/2005	PO Assn
44	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 25.6660536 7" N	076°48' 52.9575803 3" W	1/1/2005	PO Assn
45	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 26.6111096 2" N	076°48' 53.9465370 6" W	1/1/2005	PO Assn
46	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 27.3582224 4" N	076°48' 54.7123910 9" W	1/1/2005	PO Assn
47	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 28.1017437 4" N	076°48' 55.4738954 7" W	1/1/2005	PO Assn

48	BMP-057.06	Infiltration Basin	0.00	Brooke Drive Shadowtree LP	40°00' 26.9928728 3" N	076°48' 57.1809992 2" W	1/1/2005	PO Assoc
49	BMP-079.00	Water Quality Filter Inlet 3	2.07	3180 Carlisle Road Walgreens	39°58' 58.6788288 0" N	076°49' 26.2268194 7" W	1/1/2005	PCS
50	BMP-079.01	Water Quality Filter Inlet 11	0.00	3180 Carlisle Road Walgreens	39°59' 01.1586727 3" N	076°49' 25.1901298 5" W	1/1/2005	PCS
51	BMP-080.00	Dry Extended Detention Basin	1.53	3020 Grenway Road Keith E. Rodgers	39°58' 52.3619030 1" N	076°49' 09.1699563 2" W	1/1/2005	PO
52	BMP-080.01	Water Quality Filter Inlet 1	0.00	3020 Grenway Road Keith E. Rodgers	39°58' 52.0786875 3" N	076°49' 10.2445023 8" W	1/1/2005	PO
53	BMP-080.02	Infiltration Trench	0.00	3020 Grenway Road Keith E. Rodgers	39°58' 50.2610340 9" N	076°49' 10.6655219 1" W	1/1/2005	PO
54	BMP-080.03	Vegetated Swale PDC-1	0.00	3020 Grenway Road Keith E. Rodgers	39°58' 52.0626448 1" N	076°49' 08.5818943 4" W	1/1/2005	PO
55	BMP-090	Infiltration Trench	0.97	2111 Palomino Road Marlowe Properties LLC	39°59' 44.8160332 1" N	076°50' 25.5799533 4" W	1/1/2005	PO
56	BMP-094.00	Infiltration Trench	4.16	4054 Carlisle Road Prime Dover LLC	39°59' 43.5100302 9" N	076°50' 48.5279659 7" W	1/1/2005	PO
57	BMP-094.01	Water Quality Filter	4.16	4054 Carlisle Road Prime Dover LLC	39°59' 44.4408887 6" N	076°50' 46.4415313 4" W	1/1/2005	PO
58	BMP-008.00	Dry Extended Detention Basin D	27.43	Ashley Farms HOA	39°58' 34.9430272 2" N	076°49' 41.1469085 6" W	1/25/2005	Dav
59	BMP-031.00	Dry Extended Detention Basin C	20.50	3164 Jessica Road Ashley Farms Property Owners Association	39°58' 48.2339414 1" N	076°49' 37.8662270 0" W	1/25/2005	Dav

60	BMP-045	Dry Extended Detention Basin #2	13.40	2007 Shaffer Circle Ashcombe Farms West HOA Phases 2 & 3	39°59' 36.2763947 0" N	076°50' 09.3006057 9" W	9/6/2005	
61	BMP-095.00	Dry Extended Detention Basin	1.38	3740 Carlisle Road Davenshire Medical Center	39°59' 18.6365334 4" N	076°50' 19.2904736 2" W	1/1/2006	PCS
62	BMP-095.01	Vegetated Swale A	0.55	3740 Carlisle Road Davenshire Medical Center	39°59' 17.5886961 5" N	076°50' 17.7087139 6" W	1/1/2006	PCS
63	BMP-095.02	Infiltration Bed	0.00	3740 Carlisle Road Davenshire Medical Center	39°59' 18.1633437 7" N	076°50' 15.9323587 3" W	1/1/2006	PCS
64	BMP-074.00	Dry Extended Detention Basin #1	6.12	Chapman Court JG Leasing Co	39°59' 57.3225503 2" N	076°50' 13.9934950 2" W	10/25/2007	Han
65	BMP-074.01	Vegetated Swale #2	0.00	Chapman Court JG Leasing Co	39°59' 56.8232468 2" N	076°50' 13.3705130 2" W	10/25/2007	Han
66	BMP-074.02	Infiltration Trench 13	0.00	Chapman Court JG Leasing Co	39°59' 55.3401227 0" N	076°50' 11.8456156 3" W	10/25/2007	Han
67	BMP-074.02	Infiltration Trench 13	0.00	Chapman Court JG Leasing Co	39°59' 55.9921645 9" N	076°50' 12.8174163 4" W	10/25/2007	Han
68	BMP-074.02	Infiltration Trench 13	0.00	Chapman Court JG Leasing Co	39°59' 54.4211003 7" N	076°50' 13.5278407 2" W	10/25/2007	Han
69	BMP-074.02	Infiltration Trench 13	0.00	Chapman Court JG Leasing Co	39°59' 54.7291517 5" N	076°50' 14.7744256 5" W	10/25/2007	Han
70	BMP-074.02	Infiltration Trench 13	0.00	Chapman Court JG Leasing Co	39°59' 55.8997484 5" N	076°50' 15.9875070 2" W	10/25/2007	Han
71	BMP-074.02	Infiltration Trench 13	0.00	Chapman Court JG Leasing Co	39°59' 53.6612353 3" N	076°50' 15.7395288 8" W	10/25/2007	Han

72	BMP-074.02	Infiltration Trench 13	0.00	Chapman Court JG Leasing Co	39°59' 52.4957611 7" N	076°50' 17.5088794 1" W	10/25/2007	Hand
73	BMP-070	Bioretention/raingardens -North Basin	0.00	3988 Sheppard Drive Charles S. Butler	39°59' 45.9552973 6" N	076°50' 19.1653106 3" W	1/1/2008	PC
74	BMP-071	Bioretention/raingardens -South Basin	0.52	3988 Sheppard Drive Charles S. Butler	39°59' 45.9908541 4" N	076°50' 17.9461268 3" W	1/1/2008	PC
75	BMP-058.00	Infiltration Basin	9.24	3500 Cardinal Lane Cornerstone Bible Church	40°00' 14.7490379 9" N	076°49' 10.7659452 9" W	1/1/2009	F Mirror
76	BMP-058.01	Infiltration Bed	0.00	3500 Cardinal Lane Cornerstone Bible Church	40°00' 19.1688712 5" N	076°49' 05.0800569 1" W	1/1/2009	F Mirror
77	BMP-078.00	Infiltration Bed	2.41	2990 Grenway Road County of York	39°58' 51.0314557 1" N	076°49' 04.7255788 2" W	1/1/2009	Eng
78	BMP-078.01	Vegetated Swale 1 (not installed)	0.00	2990 Grenway Road County of York	39°58' 49.9980048 0" N	076°49' 03.9974486 5" W	1/1/2009	Eng
79	BMP-078.02	Water Quality Filter	0.00	2990 Grenway Road County of York	39°58' 51.1629153 2" N	076°49' 04.9293587 7" W	1/1/2009	Eng
80	BMP-078.03	Water Quality Filter	0.00	2990 Grenway Road County of York	39°58' 50.3857538 4" N	076°49' 04.1016622 1" W	1/1/2009	Eng
81	BMP-081.00	Bioretention Basin	2.81	3120 Carlisle Road Royal Farms	39°58' 56.8612761 7" N	076°49' 18.5756040 9" W	1/1/2009	PCSF
82	BMP-081.01	Infiltration Basin 1	0.00	3120 Carlisle Road Royal Farms	39°58' 59.8745857 8" N	076°49' 19.1256576 3" W	1/1/2009	PCSF
83	BMP-081.02	Infiltration Basin 2	0.00	3120 Carlisle Road Royal Farms	39°58' 57.2890187 4" N	076°49' 17.9980782 7" W	1/1/2009	PCSF

84	BMP-081.03	Water Quality Filter 1 Inlet 1	0.00	3120 Carlisle Road Royal Farms	39°58' 57.6826711 9" N	076°49' 17.8409446 0" W	1/1/2009	PCSN
85	BMP-081.04	Water Quality Filter 2 Inlet 3	0.00	3120 Carlisle Road Royal Farms	39°58' 57.1170822 6" N	076°49' 19.8052658 4" W	1/1/2009	PCSN
86	BMP-081.05	Water Quality Filter 3 Inlet 4	0.00	3120 Carlisle Road Royal Farms	39°58' 59.9350922 1" N	076°49' 18.7581823 6" W	1/1/2009	PCSN
87	BMP-081.06	Water Quality Filter 4 Inlet 6	0.00	3120 Carlisle Road Royal Farms	39°58' 59.5623275 0" N	076°49' 18.8539747 5" W	1/1/2009	PCSN
88	BMP-044.00	Dry Extended Detention Basin SWM 1	3.18	3205 Carlisle Road Dover Area School District	39°59' 11.6154375 8" N	076°49' 28.3856263 2" W	1/1/2010	
89	BMP-044.01	3205 Carlisle Road Dover Area School District	1.93	3205 Carlisle Road Dover Area School District	39°59' 07.9398632 3" N	076°49' 23.8212213 3" W	1/1/2010	
90	BMP-044.02	Porous Pavement SWM 3A	0.25	3205 Carlisle Road Dover Area School District	39°59' 09.8202018 5" N	076°49' 32.1646249 2" W	1/1/2010	
91	BMP-044.03	Water Quality Filter Driveway	0.55	3205 Carlisle Road Dover Area School District	39°59' 08.0425854 8" N	076°49' 26.5273749 2" W	1/1/2010	
92	BMP-044.04	Water Quality Filter Parking Lot	1.00	3205 Carlisle Road Dover Area School District	39°59' 08.3585943 9" N	076°49' 23.9838041 8" W	1/1/2010	
93	BMP-044.05	Vegetated Swale 1	4.14	3205 Carlisle Road Dover Area School District	39°59' 06.9454355 2" N	076°49' 24.0764531 8" W	1/1/2010	
94	BMP-044.06	Vegetated Filter Strip Sub-Surface Detention Facility	0.30	3205 Carlisle Road Dover Area School District	39°59' 09.7661006 1" N	076°49' 31.5291340 5" W	1/1/2010	
95	BMP-060.00	Wet Pond/Retention Basin	25.40	Kings Court Associates LP	39°58' 56.3355362 2" N	076°50' 32.6754687 3" W	1/1/2010	PCSN

96	BMP-085	Dry Extended Detention Basin	1.62	4103 Carlisle Road Jerry & Ellen Shaffer	39°59' 52.6177217 3" N	076°50' 42.6826251 8" W	1/1/2010	PC
97	BMP-097.00	Infiltration Bed	1.91	4000 Carlisle Road Members 1st	39°59' 35.0194993 2" N	076°50' 35.5721496 1" W	1/1/2011	PCSV
98	BMP-097.01	Water Quality Filter Snout	0.00	4000 Carlisle Road Members 1st	39°59' 35.8550551 1" N	076°50' 34.2120018 1" W	1/1/2011	PCSV
99	BMP-097.02	Water Quality Filter Snout	0.00	4000 Carlisle Road Members 1st	39°59' 33.8595758 1" N	076°50' 35.6509703 0" W	1/1/2011	PCSV
100	BMP-097.03	Water Quality Filter Snout	0.00	4000 Carlisle Road Members 1st	39°59' 34.5222044 5" N	076°50' 36.5369229 7" W	1/1/2011	PCSV
101	BMP-073.00	Bioretention Area	2.40	3050 Carlisle Road AutoZone	39°58' 56.5356305 0" N	076°49' 07.2707697 7" W	1/1/2012	P B
102	BMP-073.01	Vegetated Swale 1	0.00	3050 Carlisle Road AutoZone	39°58' 57.1798517 5" N	076°49' 07.0728400 1" W	1/1/2012	P
103	BMP-073.02	Vegetated Swale 2	0.00	3050 Carlisle Road AutoZone	39°58' 56.1794705 5" N	076°49' 08.4708830 5" W	1/1/2012	P
104	BMP-073.03	Vegetated Swale 3 - STMH #3 on plan	0.00	3050 Carlisle Road AutoZone	39°58' 57.2890856 4" N	076°49' 09.1139575 0" W	1/1/2012	P
105	BMP-073.04	Water Quality Filter MH #1 Snout	0.00	3050 Carlisle Road AutoZone	39°58' 57.3713220 1" N	076°49' 06.8858894 6" W	1/1/2012	P
106	BMP-082.00	Rain Garden 1	0.58	3160 Carlisle Road Peoples Bank	39°59' 00.9161946 8" N	076°49' 22.6737403 3" W	1/1/2013	PCSV
107	BMP-082.01	Rain Garden 2	0.43	3160 Carlisle Road Peoples Bank	39°58' 59.0614273 6" N	076°49' 24.8544862 0" W	1/1/2013	PCSV

108	BMP-082.02	Rain Garden 3	0.43	3160 Carlisle Road Peoples Bank	39°58' 58.1616640 0" N	076°49' 23.9660789 8" W	1/1/2013	PCS
109	BMP-056.00	Infiltration Bed	1.79	4072 Carlisle Road Spanglers Ace Hardware	39°59' 44.7260358 6" N	076°50' 44.6436930 8" W	1/1/2014	PO
110	BMP-007.01	Infiltration Basin Added	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 28.1499681 5" N	076°49' 49.2301129 8" W	8/5/2014	PO
111	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 26.9453953 7" N	076°49' 52.8794954 6" W	8/5/2014	PO
112	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 27.6033493 8" N	076°49' 52.1190453 4" W	8/5/2014	PO
113	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 28.2519015 8" N	076°49' 51.2482048 5" W	8/5/2014	PO
114	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 28.7406664 7" N	076°49' 50.5613461 6" W	8/5/2014	PO
115	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 29.2200279 0" N	076°49' 49.5923848 4" W	8/5/2014	PO
116	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 29.6711933 7" N	076°49' 48.8809935 2" W	8/5/2014	PO
117	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 30.3949349 1" N	076°49' 47.0657211 1" W	8/5/2014	PO

118	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 30.7145088 0" N	076°49' 46.1212892 0" W	8/5/2014	PO
119	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 28.9474497 0" N	076°49' 53.4314376 2" W	8/5/2014	PO
120	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 29.5208058 0" N	076°49' 54.1305626 3" W	8/5/2014	PO
121	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 37.9047993 0" N	076°49' 53.7748653 5" W	8/5/2014	PO
122	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 37.8672055 4" N	076°49' 57.5893887 3" W	8/5/2014	PO
123	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 39.4274238 4" N	076°49' 57.7978999 2" W	8/5/2014	PO
124	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 36.5231539 4" N	076°49' 52.2539651 1" W	8/5/2014	PO
125	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 35.7618338 6" N	076°49' 52.6709842 7" W	8/5/2014	PO
126	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 35.2636856 2" N	076°49' 53.2351927 4" W	8/5/2014	PO
127	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 34.3143802 3" N	076°49' 52.4502099 9" W	8/5/2014	PO

128	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 32.8481208 1" N	076°49' 53.6644782 1" W	8/5/2014	PO
129	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 32.1149865 9" N	076°49' 53.3578461 9" W	8/5/2014	PO
130	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 30.1599529 7" N	076°49' 51.9350635 4" W	8/5/2014	PO
131	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 36.5983443 6" N	076°49' 50.9170402 0" W	8/5/2014	PO
132	BMP-007.02	Infiltration Bed	0.00	3400 Jodi Lane Ashley Farms Property Owners Association	39°58' 31.6296632 3" N	076°49' 48.4443379 1" W	8/5/2014	PO
133	BMP-008.01	Infiltration Basin Added	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 34.9883732 3" N	076°49' 39.9204581 0" W	8/5/2014	PO
134	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 32.8598179 9" N	076°49' 45.9217715 8" W	8/5/2014	PO
135	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 37.7916041 3" N	076°49' 47.1656626 4" W	8/5/2014	PO
136	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 38.3372709 5" N	076°49' 47.7695773 7" W	8/5/2014	PO
137	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 40.0157111 1" N	076°49' 46.8682117 7" W	8/5/2014	PO

138	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 40.9205442 0" N	076°49' 45.7775542 4" W	8/5/2014	PO
139	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 40.8652867 5" N	076°49' 43.5151191 7" W	8/5/2014	PO
140	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 38.8000521 7" N	076°49' 45.3899639 0" W	8/5/2014	PO
141	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 38.2405706 2" N	076°49' 44.8942113 6" W	8/5/2014	PO
142	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 36.4239772 0" N	076°49' 43.3078045 3" W	8/5/2014	PO
143	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 35.6365491 0" N	076°49' 43.0734477 3" W	8/5/2014	PO
144	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 34.9596385 6" N	076°49' 42.8661330 9" W	8/5/2014	PO
145	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 34.2758169 4" N	076°49' 42.9202141 9" W	8/5/2014	PO
146	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 31.0639053 5" N	076°49' 45.3448957 8" W	8/5/2014	PO
147	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 31.5681436 8" N	076°49' 44.5607053 4" W	8/5/2014	PO

148	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 32.1414540 2" N	076°49' 44.0379106 4" W	8/5/2014	PO
149	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 32.7493019 3" N	076°49' 43.4520218 7" W	8/5/2014	PO
150	BMP-008.02	Infiltration Bed	0.00	3300 Jodi Lane Ashley Farms Property Owners Association	39°58' 33.5229207 7" N	076°49' 43.1275288 3" W	8/5/2014	PO
151	BMP-031.01	Infiltration Basin Added	0.00	3164 Jessica Road Ashley Farms Property Owners Association	39°58' 46.6804548 9" N	076°49' 38.3605016 3" W	8/5/2014	PO
152	BMP-031.02	Infiltration Bed	0.00	3164 Jessica Road Ashley Farms Property Owners Association	39°58' 51.1794487 5" N	076°49' 35.5836542 2" W	8/5/2014	PO
153	BMP-031.02	Infiltration Bed	0.00	3164 Jessica Road Ashley Farms Property Owners Association	39°58' 50.8515355 9" N	076°49' 38.3256301 1" W	8/5/2014	PO
154	BMP-031.02	Infiltration Bed	0.00	3164 Jessica Road Ashley Farms Property Owners Association	39°58' 46.3821711 0" N	076°49' 40.5128729 6" W	8/5/2014	PO
155	BMP-031.02	Infiltration Bed	0.00	3164 Jessica Road Ashley Farms Property Owners Association	39°58' 45.3862684 9" N	076°49' 41.0676092 3" W	8/5/2014	PO
156	BMP-031.02	Infiltration Bed	0.00	3164 Jessica Road Ashley Farms Property Owners Association	39°58' 52.4789472 8" N	076°49' 39.4826512 1" W	8/5/2014	PO
157	BMP-031.02	Infiltration Bed	0.00	3164 Jessica Road Ashley Farms Property Owners Association	39°58' 53.0133189 5" N	076°49' 36.3761332 3" W	8/5/2014	PO

158	BMP-031.02	Infiltration Bed	0.00	3164 Jessica Road Ashley Farms Property Owners Association	39°58' 52.7218425 1" N	076°49' 34.6802253 6" W	8/5/2014	PO
159	BMP-086.00	Dry Extended Detention Basin	0.00	3885 Carlisle Road Thornton Investments LLC	39°59' 27.4973996 7" N	076°50' 16.2383213 2" W	1/1/2016	PO
160	BMP-086.01	Infiltration Basin 1	0.00	3885 Carlisle Road Thornton Investments LLC	39°59' 25.7617442 8" N	076°50' 17.8590660 7" W	1/1/2016	PO
161	BMP-086.02	Infiltration Basin 2	0.00	3885 Carlisle Road Thornton Investments LLC	39°59' 28.8715685 7" N	076°50' 15.4469968 2" W	1/1/2016	PO
162	BMP-072.00	Infiltration Bed	1.61	2727 Grandview Avenue B.J. Patel - DUNKIN	39°58' 50.7919685 9" N	076°48' 35.9591673 2" W	1/1/2019	PO
163	BMP-072.01	Water Quality Filter - Inlet 5	0.00	2727 Grandview Avenue B.J. Patel - DUNKIN	39°58' 51.6913822 4" N	076°48' 37.1005685 2" W	1/1/2019	PO
164	BMP-072.01	Water Quality Filter - Inlet 4	0.00	2727 Grandview Avenue B.J. Patel - DUNKIN	39°58' 51.4927311 9" N	076°48' 36.0544261 1" W	1/1/2019	PO
165	BMP-072.01	Water Quality Filter - Inlet 3	0.00	2727 Grandview Avenue B.J. Patel - DUNKIN	39°58' 50.9935591 6" N	076°48' 35.4139776 2" W	1/1/2019	PO
166	BMP-072.01	Water Quality Filter - Inlet 2	0.00	2727 Grandview Avenue B.J. Patel - DUNKIN	39°58' 50.8216827 1" N	076°48' 35.5274887 4" W	1/1/2019	PO
167	BMP-072.01	Water Quality Filter - Inlet 1	0.00	2727 Grandview Avenue B.J. Patel - DUNKIN	39°58' 50.5512223 9" N	076°48' 35.5889238 0" W	1/1/2019	PO
168	BMP-072.01	Water Quality Filter - Inlet 7	0.00	2727 Grandview Avenue B.J. Patel - DUNKIN	39°58' 50.4481013 0" N	076°48' 37.6091274 4" W	1/1/2019	PO
169	BMP-072.01	Water Quality Filter - Inlet 6	0.00	2727 Grandview Avenue B.J. Patel - DUNKIN	39°58' 50.2064948 8" N	076°48' 36.3131603 2" W	1/1/2019	PO

170	BMP-072.01	Water Quality Filter - Inlet 8	0.00	2727 Grandview Avenue B.J. Patel - DUNKIN	39°58' 50.4822189 4" N	076°48' 35.7820026 6" W	1/1/2019	PO
171	BMP-098.00	Infiltration Bed 1	0.28	3630 Carlisle Road Thermal Logistics	39°59' 14.6875875 1" N	076°50' 06.9504761 0" W	1/1/2019	PO
172	BMP-098.01	Infiltration Bed 2	1.05	3630 Carlisle Road Thermal Logistics	39°59' 13.5852018 6" N	076°50' 09.2339673 2" W	1/1/2019	PO

PCSM BMP INVENTORY

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

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

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

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

MCM #5 Comments:

MCM #6 – POLLUTION PREVENTION / GOOD HOUSEKEEPING

BMP #1: Identify and document all operations that are owned or operated by the permittee and have the potential for generating pollution in stormwater runoff to the MS4. This includes activities conducted by contractors for the permittee.

1. Have you identified all facilities and activities owned and operated by the permittee that have the potential to generate stormwater runoff into the MS4? ☒ Yes ☐ No
2. When was the inventory last reviewed? 6/10/2022 Public Works staff meeting.
3. When was it last updated? Spring 2022

BMP #2: Develop, implement and maintain a written O&M program for all operations that could contribute to the discharge of pollutants from the MS4, as identified under BMP #1. This program shall address stormwater collection or conveyance systems within the regulated MS4.

1. Have you developed a written O&M program for the operations identified in BMP #1? ☒ Yes ☐ No
2. Date of last review or update to written O&M program: Spring 2022

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

1. Have you developed an employee training program? ☒ Yes ☐ No
2. Date of last review or update to training program: Reviewed 6/1/2022 Date of latest training: 5/12/2022

3. Training topics covered:

5/12/2022 Salt Watch Wrap Up - Emily Bialowis, Izaak Walton League of America, MHF. 4/20/2022 Managing Stormwater – Jodi Sulpizio, PennState Extension, MHF & LAO. 2/3/2022 Developing a Prioritized Program of Stormwater Facility Maintenance – Susan Giannantonio, PA LTAP, MHF. 1/11/2022 ADS Products System Installation Overview – Kyle Portner, ADS, MHF. 1/6/2022 Stormwater Facility Inspections – Susan Giannantonio, PA LTAP, MHF. 10/28/2021 Snow & Ice Control Material Application – Minnesota LTAP, MHF. 9/14/2021 Riparian Forest Buffers – Ryan Davis, Alliance for the Chesapeake Bay, MHF & LAO. 7/14/2021 Infiltration Testing Data & Stormwater Design – Century Engineering, MHF.

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

See above.

5. Names of training attendees:

See above initials.

MCM #6 Comments:

Spring 2022 Street sweepings were again tested and disposed of at Republic Services, Modern Landfill, 4400 Mount Pisgah Rd., York, PA 17402.

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:

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 checked="" type="checkbox"/> Chesapeake Bay PRP (Appendix D)	9/15/2017 Revision 12/08/2020	12/15/2020	Chesapeake Bay
<input type="checkbox"/> Impaired Waters PRP (Appendix E)			
<input type="checkbox"/> TMDL Plan (Appendix F)			

<input type="checkbox"/> Combined Chesapeake Bay / Impaired Waters PRP			Chesapeake Bay,
<input type="checkbox"/> Combined PRP / TMDL Plan			
<input checked="" type="checkbox"/> Joint Plan <i>(if checked, list the name of the MS4 group or names of all entities participating in the joint plan below)</i> Joint Plan Participants: York County Stormwater Consortium (27 of the 45 Participants are MS4 Permit Holders)			
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 checked="" type="checkbox"/> Chesapeake Bay PRP (Appendix D)	6,486,667		
<input type="checkbox"/> 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			

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due: 9/30/2026

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

If Yes to #4, was the updated plan(s) submitted to DEP? ☐ Yes ☐ No

If Yes to #4, did you comply with the public participation requirements of the applicable appendix? ☐ Yes ☐ No

If Yes to #4, describe the plan modifications.

5. Summary of progress achieved during reporting period.

Progress made by the York County Stormwater Consortium from 7/01/2021 through 6/30/2022 included completion of 4 projects: 2 stream restoration, 1 tree planting & 1 bioretention. This includes projects completed in Waiver Municipalities. Also notable is additional sediment reduction credit for a stream restoration project previously reported as completed. In total, the resulting sediment reduction credit is 596,622 lbs/yr. An additional 3 projects are under construction: 1 bioretention, 1 bioretention/buffer planting, & 1 infiltration. Design was completed on 2 stream restoration projects that are now seeking permits and 10 projects (7 stream restorations & 3 floodplain restorations) are currently in the design phase.

6. Anticipated activities for next reporting period.

The 3 projects currently under construction (1 bioretention, 1 bioretention/buffer planting & 1 infiltration) will be completed. The stream restoration project currently seeking a permit will move into the construction phase and likely be completed. It is also anticipated that at least 7 of the 10 projects with designs underway will move into the construction phase.

PRP/TMDL Plan Comments:

The York County Stormwater Consortium has approved adding 8 new BMP projects to the Regional CBPRP. These projects are in various stages. However, a Plan amendment, public review process, and submittal to DEP for approval, will be required before any sediment reduction for these projects can be reported in an Annual Status Report.

NEW BMPs FOR PRP/TMDL PLAN IMPLEMENTATION											
Table 2. List all <u>new structural BMPs</u> installed and <u>ongoing non-structural BMPs</u> implemented <u>during the reporting period</u> 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)
						° ' "	° ' "		<input type="checkbox"/>	<input type="checkbox"/>	76
						° ' "	° ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						° ' "	° ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						° ' "	° ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						° ' "	° ' "		<input type="checkbox"/>	<input type="checkbox"/>	
						° ' "	° ' "		<input type="checkbox"/>	<input type="checkbox"/>	
BMP INVENTORY FOR PRP/TMDL PLAN IMPLEMENTATION											
Table 3. List all <u>existing structural BMPs</u> that have been installed in <u>prior reporting periods</u> 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?
76	Danielle/Willipa Drives Stream Restoration			800	feet	39°58'42"	76°49'13"	2/11/2019	62,894	8/12/2020	<input checked="" type="checkbox"/>
50	Eagle View Park Stream Restoration			3,440	feet	39°59'48"	76°51'00"	11/20/2020	154,387	5/12/2022	<input checked="" type="checkbox"/>
						° ' "	° ' "				<input type="checkbox"/>
						° ' "	° ' "				<input type="checkbox"/>
						° ' "	° ' "				<input type="checkbox"/>

						0 1 11	0 1 11				<input type="checkbox"/>
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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).

Michael H. Fleming, Public Works Director

Name of Responsible Official

717-292-3634

Telephone No.

Signature

9/29/2022

Date