

Water Quality Information

Identify all surface waters that receive stormwater discharges from storm sewers within the MS4 urbanized area and provide the requested information ([see instructions](#)).

Water Name	Ch.93 Class	Impaired?	Impairment(s)	TMDL?	WLA?
Chiques Creek	WWF-MF	Yes	Nutrients,Siltation	No	No
Shawnee Run	WWF-MF	Yes	Metals,Other,Siltation	No	No
Strickler Run	WWF-MF	Yes	Cause Unknown,Siltation	No	No
West Branch Little Conestoga	TSF	Yes	Nutrients,Siltation	No	No
Swarr Run	CWF-MF	Yes	Cause Unknown,Nutrients,Siltation	No	No
Susquehanna River	WWF-MF	No		No	No
Little Conestoga Creek	WWF-MF	Yes	Cause Unknown,Nutrients,Siltation	No	No

Chiques Creek

Impairments: Nutrients,Siltation
wla: None

Shawnee Run

Impairments: Metals,Other,Siltation
wla: None

Strickler Run

Impairments: Cause Unknown,Siltation
wla: None

West Branch Little Conestoga

Impairments: Nutrients,Siltation
wla: None

Swarr Run

Impairments: Cause Unknown,Nutrients,Siltation
wla: None

Susquehanna River

Impairments: None
wla: None

Little Conestoga Creek

Impairments: Cause Unknown,Nutrients,Siltation
wla: None

MCM 1: Public Education and Outreach on Storm Water Impacts

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

1. Date of latest annual review of PEOP:
2019-08-01

Were updates made?
Yes
2. What were the plans and goals for public education and outreach for the reporting period?
Continue to develop and distribute educational materials so that residents take action to reduce stormwater pollution, enhance availability of materials through the township office.
3. Did the MS4 achieve its goal(s) for the PEOP during the reporting period?
Yes
4. Identify specific plans and goals for public education and outreach for the upcoming year.
Continue to publish and distribute educational materials to target audience groups. Work with partnering organizations to promote regional and watershed-based educational publications and activities. Insert storm water educational materials into building and zoning permit packages.

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

1. Date of latest annual review of target audience lists:
2019-07-24

Were updates made?
No

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

1. Date of latest annual review of educational materials:
2019-07-31

Were updates made?
Yes
2. Do you have a municipal website?
Yes

URL
<http://westhempfield.org/>

If yes, what MS4-related material does it contain?
Home Page: Quick Links to Report a Concern and Stormwater/MS4 Information Stormwater/MS4 Information Page: Chiques Creek Watershed Alliance information; Draft copy of the Pollutant Reduction Plan; Link to report an illicit discharge; Narrative on Stormwater Management and the NPDES and MS4 Programs; Links to previous Annual Reports; Links to Chiques Creek Watershed Alliance, Alliance for the Chesapeake Bay; Little Conestoga Watershed Alliance; Lancaster County Watersheds; Chesapeake Bay Foundation; and Lancaster County Conservation District About Page: Links to Newsletters with stormwater information articles
3. Describe any other method(s) used during the reporting period to provide information on stormwater to the public.
MS4 Presentation to the Crime Watch Group on April 23, 2019; Streamside Care Workday during Lancaster Water Week on June 1, 2019; Newsletters; Building permit attachments; and permanent displays at the municipal offices including Fact Sheets, bookmarks and educational flyers.
4. Identify specific plans for the publication of stormwater materials for the upcoming year.
Work with partnering organizations to publish and distribute educational storm water materials.

BMP #4: Distribute stormwater educational materials to the target audiences.

1. Identify the two additional methods of distributing stormwater educational materials during the previous year (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).

Stormwater materials are included with all building/zoning permits; Storm water brochures and fact sheets are available in the township office lobby; to presentation to the Crime Watch Group, and Streamside Care Workday

Comments on MCM1

1. Enter any comments you have regarding this MCM

West Hempfield Township staff continues to expand the stormwater management program and educate the community on stormwater issues. A key component of this effort is to promote actions each person can take that will improve water quality.

MCM 2: Public Involvement/Participation

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

1. Date of latest annual review of PIPP:

2019-08-01

BMP #2: Prior to adoption of any ordinance (municipal permittees) or SOP (non-municipal permittees) required by the permit, provide adequate public notice and opportunities for public review, input, and feedback.

1. Was an MS4-related ordinance, SOP, PRP, or TMDL Plan developed during the reporting period?

No

BMP #3: Regularly solicit public involvement and participation from the target audience groups. This should include an effort to solicit public reporting of suspected illicit discharges. Assist the public in their efforts to help implement your SWMP. Conduct public meetings to discuss the on-going implementation of your SWMP.

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?

No

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.
West Hempfield Township staff participates in the regular meetings and activities of the Chiques Creek Watershed Alliance and the Little Conestoga Watershed Alliance. The current MS4 Coordinator serves as Vice President of the Little Conestoga Watershed Alliance.

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.

Members of the West Hempfield Township Crime Watch Group attended an MS4 presentation. Community members also attended the Chiques Creek Watershed Expo and Streamside Care Workday.

Comments on MCM 2

1. Enter any comments you have regarding this MCM

West Hempfield Township continues to expand the Stormwater Management Program to promote municipal and public participation in environmental activities sponsored by partnering organizations.

MCM 3: Illicit Discharge Detection and Elimination (IDD&E)

BMP #1: You shall develop and implement a written program for the detection, elimination, and prevention of illicit discharges into your regulated MS4s. Your program shall include dry weather field screening of outfalls for non-stormwater flows, and sampling of dry weather discharges for selected chemical and biological parameters. Test results shall be used as indicators of possible discharge sources.

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

2019-08-01

BMP #2: Develop and maintain a map of your regulated small MS4. The map must also show the location of all outfalls and the locations and names of all surface waters of the Commonwealth (e.g., creek, stream, pond, lake, basin, swale, channel) that receive discharges from those outfalls.

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.

none

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

2017-07-31

3. Total No. of Outfalls in MS4:

126

Total No. of Outfalls Mapped:

126

4. Total No. of Observation Points:

26

Total No. of Observation Points Mapped:

26

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

BMP #3: In conjunction with the map(s) created under BMP #2 (either on the same map or on a different map), new permittees shall show, and renewal permittees shall update, the entire storm sewer collection system, including roads, inlets, piping, swales, catch basins, channels, basins, and any other features of the permittee's storm sewer system including municipal boundaries and/or watershed boundaries.

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.

none

If Yes to #1, is the map(s) on the same map(s) as for outfalls and receiving waters?

Yes

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

2019-06-30

BMP #4: Following the IDD&E program created pursuant to BMP #1, the permittee shall conduct outfall field screening, identify the source of any illicit discharges, and remove or correct any illicit discharges using procedures developed under BMP #1.

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

28

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

100

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

25

4. Did any dry weather flows reveal color, turbidity, sheen, odor, floating or submerged solids?

Yes

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.

IDDE Attachment Outfall R323 Inspection.p

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

Yes

BMP #5: Enact a stormwater management ordinance (municipal entities) or develop an SOP (non-municipal entities) 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:

2014-04-01

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?

No

2. Were there any violations of the ordinance or SOP during the reporting period?

No

3. 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

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

What was distributed?

On February 13, 2019, the MS4 Coordinator conducted a training for municipal employees on MS4 issues including illicit discharges. The Spring 2019 Newsletter included an article identifying grass clippings and leaf litter as stormwater pollutants. Illicit discharge fact sheets and brochures are available to the public at the township office.

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

Comments on MCM 3

1. Enter any comments you have regarding this MCM

West Hempfield Township will continue to inspect regulated outfalls according to the 5-year inspection schedule and enforce the Ordinances that prohibit illicit discharges into the MS4. The Township will also continue to educate the community and staff on illicit discharges and promote public reporting. The stormwater system map is continually updated as land development occurs.

1. Are you relying on PA's statewide program for stormwater associated with construction activities including post-construction stormwater management?

Yes

MCM 4: Construction Site Storm Water Runoff Control

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.

1. 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

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.

1. 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

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:

2014-04-01

If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)?

No

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

Not required. Participating in statewide program.

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

Not required. Participating in statewide program.

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

Not required. Participating in statewide program.

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

Not required. Participating in statewide program.

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

Not required. Participating in statewide program.

Comments on MCM 4

1. Enter any comments you have regarding this MCM

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

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

2014-04-01

If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)?

No

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

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

2015-04-01

If Yes to #1, is the ordinance or SOP consistent with DEP's 2022 Model Stormwater Management Ordinance (3800-PM-BCW0100j)?

No

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

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.

BMP ID	BMP Name	BMP Extent/DA (ac)	Entity Responsible for O&M	Latitude	Longitude	Date Installed	O & M Requirement	NPDES Permit No.
1925	Bioretention/ - A/B soils, underdrain		DDP Enterprises Inc	40°2'56.0	-76°30'4.0			PAG2003604
1926	Dry Extended Detention Ponds		PAUL A & PAMELA L GIMESON	40°3'3.0	-76°26'59.0			PAG2003603
1927	Dry Extended Detention Ponds		KEITH A & BARBARA J SHEFFER	40°3'3.0	-76°27'2.0			PAG2003603
1928	Dry Extended Detention Ponds		Raymond and Tracy L Tsui	40°2'50.0	-76°24'55.0			PAR10-O- 520

1929	Dry Extended Detention Ponds		MRS Developers LLC	40°2'22.0	-76°26'54.0		PAG2003604
1930	Dry Extended Detention Ponds		DDP Enterprises Inc	40°3'3.0	-76°30'3.0		PAG2003604
1931	Dry Extended Detention Ponds		SBCC Land Co LP	40°3'57.0	-76°24'43.0		PAR100298-RR
1932	Dry Extended Detention Ponds		Ensco LTD	40°4'1.0	-76°24'46.0		PAR100298-RR
1933	Dry Extended Detention Ponds		SBCC Land Co LP	40°3'50.0	-76°25'17.0		PAR100298-RR
1934	Dry Extended Detention Ponds			40°3'43.0	-76°24'19.0		PAR100298-RR
1935	Dry Extended Detention Ponds		SBCC Land Co LP	40°3'40.0	-76°25'8.0		PAR100298-RR
1936	Filter Strip Stormwater Treatment		Clark Filter Inc.	40°2'36.0	-76°24'35.0		PAG0200361
1937	Forest Buffer		DDP Enterprises Inc	40°3'5.0	-76°30'22.0		PAG2003604
1938	Infiltration Practices w/ Sand, Veg. - A/B soils, no underdrain		Martin F Poer & Co.	40°2'35.0	-76°25'2.0		PAG2003603
1939	Vegetated Open Channels - A/B soils, no underdrain		WEST HEMPFIELD TOWNSHIP/ IN ROW	40°3'2.0	-76°27'7.0		PAG2003603
1940	Vegetated Open Channels - A/B soils, no underdrain		ELISE A GAVROCK	40°2'58.0	-76°27'11.0		PAG2003603
1941	Vegetated Open Channels - A/B soils, no underdrain		MATTHEW AND MEGAN TRANSUE	40°2'58.0	-76°27'10.0		PAG2003603
1942	Vegetated Open Channels - A/B soils, no underdrain		SHAWN & LAURA BAILEY GALLAGHER	40°2'58.0	-76°27'9.0		PAG2003603

1943	Vegetated Open Channels - A/B soils, no underdrain		GREGORY D AND BEVERLY A FUNK	40°2'59.0	-76°27'8.0		PAG2003603
1944	Vegetated Open Channels - A/B soils, no underdrain		KARA L DONATUCCI PHAM AND MICHAEL T PHAM	40°2'59.0	-76°27'7.0		PAG2003603
1945	Vegetated Open Channels - A/B soils, no underdrain		ROBERT A & LYNNE E CIEPIELA	40°3'3.0	-76°27'0.0		PAG2003603
1946	Vegetated Open Channels - A/B soils, no underdrain		West Hempfield Township	40°2'53.0	-76°24'54.0		PAR10-O-520
1947	Vegetated Open Channels - A/B soils, no underdrain			40°2'53.0	-76°24'53.0		PAR10-O-520
1948	Vegetated Open Channels - A/B soils, no underdrain		Craig S and Heather P Givens	40°2'57.0	-76°24'59.0		PAR10-O-520
1949	Vegetated Open Channels - A/B soils, no underdrain		Dustin S and Melissa C Koehler	40°2'58.0	-76°25'0.0		PAR10-O-520
1950	Vegetated Open Channels - A/B soils, no underdrain		Jayant and Indu Ramani	40°2'59.0	-76°24'59.0		PAR10-O-520
1951	Vegetated Open Channels - A/B soils, no underdrain		Fred R and Lori A Sites	40°2'60.0	-76°24'58.0		PAR10-O-520
1952	Vegetated Open Channels - A/B soils, no underdrain		Thomas E and Andrea E Rutledge	40°2'60.0	-76°24'57.0		PAR10-O-520
1953	Vegetated Open Channels - A/B soils, no underdrain		Joseph F and Elizabeth R Kury	40°2'60.0	-76°24'56.0		PAR10-O-520

1954	Vegetated Open Channels - A/B soils, no underdrain		Nathan R Oberholtzer	40°3'1.0	-76°24'56.0		PAR10-O-520
1955	Vegetated Open Channels - A/B soils, no underdrain		Ronald K and Gail K Beam	40°2'56.0	-76°24'56.0		PAR10-O-520
1956	Vegetated Open Channels - A/B soils, no underdrain		Joel E and Amanda K Macvaugh	40°2'57.0	-76°24'55.0		PAR10-O-520
1957	Vegetated Open Channels - A/B soils, no underdrain		Eric M and Geraldine L Weaver	40°2'57.0	-76°24'55.0		PAR10-O-520
1958	Vegetated Open Channels - A/B soils, no underdrain		Kenneth Whittington and Karen Youtz	40°2'58.0	-76°24'54.0		PAR10-O-520
1959	Vegetated Open Channels - A/B soils, no underdrain		Christopher C and Alicia A Mitchell	40°2'58.0	-76°24'54.0		PAR10-O-520
1960	Vegetated Open Channels - A/B soils, no underdrain		Charles D and Lois G Rhoads	40°2'58.0	-76°24'54.0		PAR10-O-520
1961	Vegetated Open Channels - A/B soils, no underdrain		Steven T and Tami L Harelson	40°2'57.0	-76°24'55.0		PAR10-O-520
1962	Vegetated Open Channels - A/B soils, no underdrain		Aaron K and Jessica L Zeamer	40°2'57.0	-76°24'55.0		PAR10-O-520
1963	Vegetated Open Channels - A/B soils, no underdrain		Stephen B and Michelle A Zerbe	40°2'54.0	-76°24'57.0		PAR10-O-520
1964	Vegetated Open Channels - A/B soils, no underdrain		Michael G Jr and Lindsay R Gemmill	40°2'53.0	-76°24'57.0		PAR10-O-520

1965	Vegetated Open Channels - A/B soils, no underdrain		Jeremy and Crystal L Jackson	40°2'52.0	-76°24'57.0		PAR10-O-520
1966	Vegetated Open Channels - A/B soils, no underdrain		John M and Kristen S Hollinger	40°2'52.0	-76°24'58.0		PAR10-O-520
1967	Vegetated Open Channels - A/B soils, no underdrain		Daniel L and Amy M Harbaugh	40°2'52.0	-76°24'58.0		PAR10-O-520
1968	Vegetated Open Channels - A/B soils, no underdrain		Anthony and Melissa B Depietro	40°2'52.0	-76°24'58.0		PAR10-O-520
1969	Vegetated Open Channels - A/B soils, no underdrain		West Hempfield Township	40°2'54.0	-76°24'57.0		PAR10-O-520
1970	Vegetated Open Channels - A/B soils, no underdrain		Daniel L and Amy M Harbaugh	40°2'51.0	-76°24'59.0		PAR10-O-520
1971	Vegetated Open Channels - A/B soils, no underdrain		Anthony and Melissa B Depietro	40°2'51.0	-76°24'59.0		PAR10-O-520
1972	Vegetated Open Channels - A/B soils, no underdrain		Jeffrey and Natalie Jeffrey	40°2'51.0	-76°24'59.0		PAR10-O-520
1973	Vegetated Open Channels - A/B soils, no underdrain		Jesse A and Abby L Myer	40°2'51.0	-76°25'0.0		PAR10-O-520
1974	Vegetated Open Channels - A/B soils, no underdrain		Steven C and Lindy L Cromer	40°2'51.0	-76°25'0.0		PAR10-O-520
1975	Vegetated Open Channels - A/B soils, no underdrain		Jeffrey J and Sandra H Katelan	40°2'51.0	-76°25'2.0		PAR10-O-520

1976	Vegetated Open Channels - A/B soils, no underdrain		Linda M Kosich	40°2'54.0	-76°24'54.0		PAR10-O-520
1977	Vegetated Open Channels - A/B soils, no underdrain		Ronald J and Deborah M Byczko	40°2'52.0	-76°24'54.0		PAR10-O-520
1978	Vegetated Open Channels - A/B soils, no underdrain		LNV Corp	40°2'51.0	-76°24'54.0		PAR10-O-520
1979	Vegetated Open Channels - A/B soils, no underdrain		West Hempfield Township	40°2'51.0	-76°24'54.0		PAR10-O-520
1980	Vegetated Open Channels - A/B soils, no underdrain		DDP Enterprises Inc	40°2'55.0	-76°30'6.0		PAG2003604
1981	Vegetated Open Channels - A/B soils, no underdrain			40°2'40.0	-76°25'4.0		PAR100413-R
1982	Vegetated Open Channels - A/B soils, no underdrain		SBCC Land Co LP	40°4'5.0	-76°24'52.0		PAR100298-RR
1983	Vegetated Open Channels - A/B soils, no underdrain		SBCC Land Co LP	40°4'4.0	-76°24'55.0		PAR100298-RR
1984	Vegetated Open Channels - A/B soils, no underdrain		SBCC Land Co LP	40°3'54.0	-76°25'17.0		PAR100298-RR
1985	Vegetated Open Channels - A/B soils, no underdrain			40°1'54.0	-76°27'47.0		PAR10-O-474

Has proper O&M occurred during the reporting period for all PCSM BMPs?

Unknown

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.

Not required. Participating in statewide program.

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).

Not required. Participating in statewide program.

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

Not required. Participating in statewide program.

Comments on MCM 5

1. Enter any comments you have regarding this MCM

West Hempfield Township continues to inspect post-construction stormwater BMPs to ensure they are functioning as designed.

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

2. When was the inventory last reviewed?

2019-08-01

3. When was it last updated?

2019-04-22

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

Date of last review or update to written O&M program:

2019-04-12

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

Date of last review or update to training program:

2017-09-01

Date of latest training:

2019-06-03

Training topics covered:

The Lancaster County MS4orom included a variety of topics including emerging pollutants, working with private landowners, stream restoration, EPA audits, outfall inspection, agricultural concerns, BMP maintenance, stormwater authorities,and BMP inspection programs. Additional trainings included topics on fueling, storm water pollution prevention plans, spill prevention, designing/building/and maintaining pollutant reduction facilities, and understanding MCM #6.

Name(s) of training presenter(s):

Lancaster County Clean Water Consortium; American Public Works Association; and PSATS

Names of training attendees (if more than 10 describe trainee group):

Andrew Stern (Township Manager), Dwayne Steager (MS4 Coordinator),James Burdick, Dale Getz, , Chad Heisey, Rusty Mahosky, Rick Steffy, Troy Myers, Ralph Ernst, Scott Keemer (Public Works)

Comments on MCM 6

1. Enter any comments you have regarding this MCM

Pollutant Control Measures (PCMs)

1. PCM Implementation Status

Task	Date Completed	Attached	Anticipated Completion Date
Storm Sewershed Map(s)	2019-08-15	<input checked="" type="checkbox"/> West Hempfield Appendix B and Appendix C PCM Maps.pdf	
Source Inventory		<input type="checkbox"/>	2020-09-30
Investigation of Suspected Sources		<input type="checkbox"/>	2022-09-30
Ordinance/SOP for		<input type="checkbox"/>	2022-09-30

2. PCM Comments

Pollutant Reduction Plan (PRP) and TMDL Plan Information

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
Chesapeake Bay PRP (Appendix D)	2017-09-12	2019-08-15	Chesapeake Bay
Impaired Waters PRP (Appendix E)	2017-09-12	2019-08-15	Chiques Creek, Shawnee Run, Strickler Run, West Branch Little Conestoga, Swarr Run

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

No

Select Yes if these plans are combined into one document

Yes

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

Type of Plan	TSS Load Reduction (lbs/yr)	TP Load Reduction (lbs/yr)	TN Load Reduction (lbs/yr)
Chesapeake Bay PRP (Appendix D)	137481	91	2419
Impaired Waters PRP (Appendix E)	137481	91	2419

3. Date Final Report Demonstrating Achievement of Pollutant Load Reductions Due:

2024-08-31

4. Have any modifications to the plan(s) occurred since DEP approval?

No

5. Summary of progress achieved during reporting period.

West Hempfield Township received PRP approval on August 15, 2019.

6. Anticipated activities for next reporting period.

Begin work on the design and implementation of at least one proposed Stormwater BMP.

7. PRP and TMDL plan comments:

New BMPs for PRP/TMDL Plan Implementation

List all new structural BMPs installed and ongoing non-structural BMPs implemented during the reporting period that are being used toward achieving load reductions in the permittee's PRP and/or TMDL Plan ([see instructions](#)).

BMP ID	BMP Name	% Imp.	BMP Extent/DA (ac)	Units	Latitude	Longitude	Date Impl.	
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BMP Inventory for PRP/TMDL Plan Implementation

Section not applicable in first reporting year.

Report Attachments

The following is a list of all documents attached to this report. These items are the same attachments referenced in each subsection of the report. This list is provided as a convenience for reviewing all attachments in one place.

MCM 3: Illicit Discharge (IDDE&E)

Previously unsubmitted map(s) for MCM 3, BMP 2 - Outfalls and Receiving Waters Map File:

none

Attachment for MCM3M, BMP3 System Map File:

none

Attachment for MCM3, BMP4 Outfall Field Screening Report:

IDDE Attachment Outfall R323 Inspection.pdf

Attachment for MCM3, BMP4 Own Screening Report Form:

none

Attachment for MCM3, BMP5 Non-stormwater Discharge File:

none

MCM 4: Construction Sites

Attachment for MCM4, BMP3 Ordinance or SOP:

none

MCM 5: Post-Construction

Attachment for MCM5, BMP1 Ordinance or SOP:

none

Attachment for MCM5, BMP2 Ordinance or SOP:

none

PCMs: Pollutant Control Measures

Attachment for PCMs Storm Sewershed Map:

West Hempfield Appendix B and Appendix C PCM Maps.pdf

Attachment for PCMs Ord./SOP Controlling Animal Waste:

none

Attachment for PCMs Source Inventory:

none

Attachment for PCMs Investigation Suspected Sources:

none

General Attachment:

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. By submitting this report I am submitting a notice of intent to remain covered under PAG-13 for the following year.

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).

Dwayne Steager	
Name of Responsible Official	
717285554	9/16/2019 ▼
Telephone No.	Date