



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION



Office of Water Management

Clean Water Update

Westmoreland County Conservations
District Engineering Workshop
October 16, 2020

Tom Wolf, Governor

Patrick McDonnell, Secretary

Clean Water Update

- Armstrong and Indiana Counties
- Municipal Separate Storm Sewer System
- (MS4) inspection preparation
- PRP's and PCM's
- MS4 annual reports

▶ Armstrong and Indiana Counties

- Effective December 31, 2018, all new and renewal permit applications located in Armstrong or Indiana counties will go to the NWRO
- All reports, notifications etc. also go to the NWRO

What is an MS4

Municipal Separate Storm Sewer System (MS4)

Why is MS4 Important?

http://www.depgis.state.pa.us/MS4/index.html



Municipal Stormwater

MS4 Requirements - Penns...



Tom Wolf, Governor



Patrick McDonnell, Secretary

MS4 Requirements

MS4 Requirements

BACKGROUND

Municipalities and other entities such as universities and prisons that meet certain standards must obtain NPDES permit coverage for discharges of stormwater from their municipal separate storm sewer systems (MS4s).

A municipal separate storm sewer is any conveyance or system of conveyances (including but not limited to streets, ditches, and pipes) that is: owned by a municipality or other public body (created under state law) having jurisdiction over disposal of sewage, industrial wastes, stormwater or other wastes; designed or used for collecting or conveying stormwater; not a combined sewer (i.e., not intended for both sewage and stormwater); AND not part of a publicly owned treatment works (POTW).

Additional information regarding permitting requirements can be found at the [Pennsylvania Municipal Stormwater Homepage](#).

Help is available by clicking the question mark icon in the header.

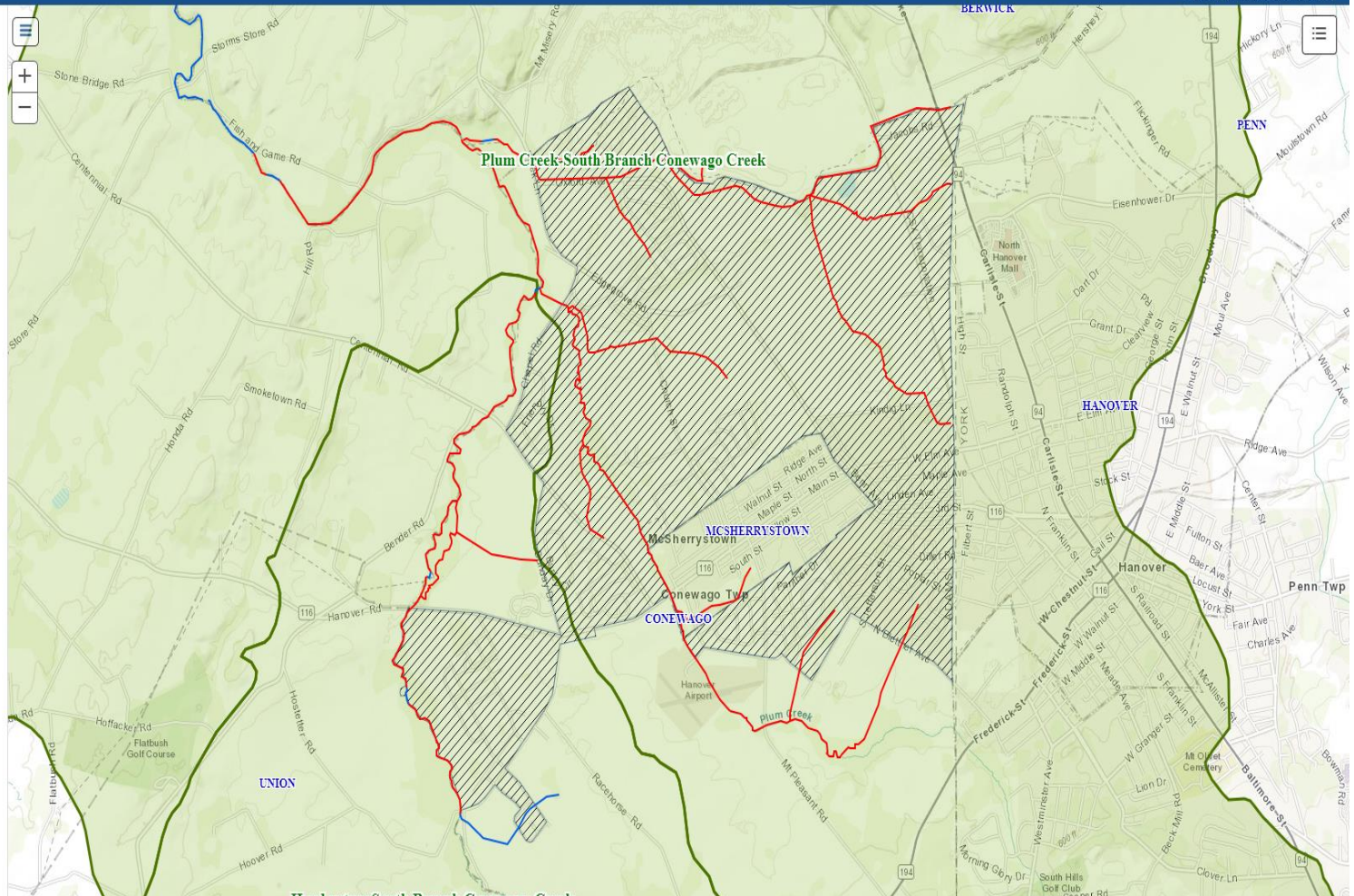
Select a County

ADAMS

Select a Municipality

CONEWAGO TWP

Click to View Features



PA MS4 General Permit Status

- 2013 Permit expired
- March 2018 Permit in effect through 2023

MS4 Permit Status

- There are 319 MS4 Municipalities in the SWRO (includes colleges and other non municipal facilities)
- The submittal dates for all of the new applications and renewal applications has pasted
- As of Oct 5, 2020, the SWRO has issued 303 MS4 permits

The Basic MS4 Program



**Can you list the six
Minimum Control
Measures?**

Inspections: What to expect

Office Inspection

- Permit
- Annual Status Report
- Stormwater Management Plan
- PRP/TMDL Plan(s)
- Pollution Control Measure paperwork
- All supporting documentation

Field Inspection

- Municipal Operations
- Outfalls
- PRP/TMDL BMPs
- PCSM BMPs

Inspections : How to prepare

- Know your permit
- Ask your inspector/permit engineer questions
- Have all permit required documentation organized and accessible
- Ensure responsible parties are properly operating and maintaining municipal operations/MS4 system/BMPs

Inspections : How to prepare

MCM #1: Public Education and Outreach on Stormwater Impacts

- Has Public Education and Outreach Program (PEOP) been developed
- List of target audience groups including residents, businesses, developers, schools, municipal
- Annual newsletter, pamphlet or website
- Distribute SW educational materials/info using method in addition to newsletter/website

Inspections : How to prepare

MCM#2: Public Involvement/Participation

- Develop, implement and maintain written Public Involvement and Participation Program (PIPP)
- Public notice of ordinances
- Solicit public involvement

Inspections : How to prepare

MCM#3: Illicit Discharge Detection and Elimination

- Written program for detection, elimination, prevent of illicit discharges
- Develop and maintain map of MS4
- Map of stormwater collection system
- Outfall Field Screening
- Enact stormwater ordinance
- Educational outreach regarding detection and elimination of illicit discharges

Inspections : How to prepare

MCM#4: Construction Site Stormwater Runoff Control

- Develop program for construction stormwater permitting, inspections, enforcement
- Stormwater management ordinance
- Requirements for Construction site operators to control waste
- Receipt and consideration of public inquires, concerns, etc.

Inspections : How to prepare

MCM#5: Post-Construction Stormwater Management (PCSM)

- Written procedure to address PCSM
- Structural and Non-Structural BMPs to minimize water quality impacts and maintain pre-development runoff conditions
- Controls installed to prevent or minimize water quality impacts
- Enact, implement or enforce ordinance to address PCSM stormwater runoff
- Develop and implement encouragement of LID in new and redevelopment
- Ensure adequate operation and maintenance of all PCSM BMPs

Inspections : How to prepare

MCM#6: Pollution Prevention/Good Housekeeping for Municipal Operations

- Identify and document all facilities and activities owned/operated by permittee
- Written O&M Procedure
- Employee Training Program

New Permit Obligations

- Pollutant Reduction Plans (PRPs)
- Pollutant Control Measures (PCMs)

PRP's Obligations

- Below is a link to what constitutes a qualifying MS4 stream restoration
- [http://files.dep.state.pa.us/Water/BPNPSM/StormwaterManagement/MunicipalStormwater/PRP TMDL Plans/Stream%20Restoration%20Eligibility%20for%20MS4%205.11.2018.pdf](http://files.dep.state.pa.us/Water/BPNPSM/StormwaterManagement/MunicipalStormwater/PRP_TMDL_Plans/Stream%20Restoration%20Eligibility%20for%20MS4%205.11.2018.pdf)



PRP changes

- Changing your approved PRP

Annual Reports

- Look at your permit for what is due each year,
- Annual reports are Due by September 30th each year during this permit cycle
- The final PRP implementation Report for Appendix E is due the fifth year of the General Permit. A progress report of the PRP is due each year

Annual Reports

- Storm water ordinance that satisfies the 2022 Model Ordinance is due Sept 30, 2020 for existing permittees and for new permittees it is due Sept 30 following the fourth year of the permit

Annual Reports

- For PCM's
 - Year one Mapping (A , B and C)
 - Year two Source inventory (A, B and C)
 - Year four: Investigation Report (A, B and C)
 - PCM ordinance for Appendix B by Sept 30, 2020

Annual Reports

- Mapping of the storm water system for MCM 3 for new applicants is due Sept 30, 2020 or by Sept 30 following the fourth year of the permits, whichever is the later

Annual Reports

- Below is a link to the Annual Report
- <http://www.depgreenport.state.pa.us/eLibrary/GetFolder?FolderID=2703>

Annual Reports submittals

Signed digital reports are acceptable.

The link to the Upload page is as follows:

<https://www.dep.pa.gov/DataandTools/Pages/Application-Form-Upload.aspx>

Below is the form name you would choose from the drop down list for MS4 reports:

02 ANNUAL MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) STATUS REPORT FORM 3800-FM-BCW0491

MS4 Update

- Remember that you might need other Department permits for your proposed BMP's and that some of them can take some time to get.
- Below is the DEP Website for MS4 information:
 - <http://www.dep.pa.gov/Business/Water/CleanWater/StormwaterMgmt/Stormwater/Pages/default.aspx>



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Questions?

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