

# **Center Township Board of Supervisors**

## **Annual MS4 Update**

**SEPTEMBER 5, 2023**



# MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

- **Agenda:**

- Permit Overview
- Annual MS4 Tasks
  - Stormwater Management Program (Minimum Control Measures)
- PADEP Compliance Evaluation
  - Annual Report
  - DEP Inspection
    - Current cycle of inspections for 2018 Permit is underway
- Pollutant Reduction Plans
- Permit Renewal

# MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

## ● Permit Overview – NPDES Permit for Stormwater Discharges from Small MS4s

- Municipal Separate Storm Sewer System (MS4) - Permit applies to stormwater infrastructure that is:
  - Used for collecting and/or conveying stormwater
  - Owned by a municipality or any other public body
  - Not used as a combined sewer
  - Not part of Publicly Owned Treatment Works (i.e. sewage treatment plant)
- NPDES MS4 Permit authorizes discharge of stormwater from the MS4 to Waters of the Commonwealth
- NPDES MS4 Permit issued by PADEP in Pennsylvania. The program is administered nationally by EPA.
- Primary goal of the permit: Protecting water quality and limiting stormwater pollution

# MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

## ● Annual MS4 Tasks

- Update and Implement Stormwater Management Program (Written Plan) addressing each MCM:
  - MCM #1 - Public Education and Outreach on Stormwater Impacts
  - MCM #2 - Public Involvement/Participation
  - MCM #3 - Illicit Discharge Detection and Elimination
  - MCM #4 - Construction Site Stormwater Runoff Control
  - MCM #5 - Post-Construction Stormwater Management (PCSM) in New and Re-Development Activities
  - MCM #6 - Pollution Prevention/Good Housekeeping
- The Stormwater Management Program must:
  - Reduce the discharge of pollutants from the MS4 to the maximum extent practicable,
  - Protect water quality, and
  - Satisfy appropriate water quality requirements of the Clean Water Act and the Pennsylvania Clean Streams Law

# MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

## ● Annual Reports

- Due September 30 of each year
- Self reporting on progress made for each MCM, along with PRP and PCM progress
- \$500 renewal fee due annually

## ● DEP or EPA Inspections

- DEP Inspects each permittee at least once every 5 years
- Inspections for 2018 Permit are underway (completed in 2021)
  - Office Review - Thorough review of written plans and documentation of compliance with required Minimum Control Measures. Documentation of all MS4 related activities (event flyers, distributed materials, work logs, complaint resolution tracking, outfall screening etc.)
  - Field Review – Evaluation of municipal facilities including Public Works yard, garage, salt storage and other facilities. Field review of BMPs and outfalls

# MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

- **Pollutant Reduction Plans (PRPs) were developed in 2017 and submitted to PADEP to meet the following requirements:**
  - The following reductions must be achieved within 5 years of permit issuance (March 2023 for General Permits):
    - Achieve 10% reduction in pollutant loading of sediment
    - Achieve 5% reduction in pollutant loading of total phosphorus
- **Each Annual Report will include documentation and supporting calculations for reductions achieved through implementation of the Pollutant Reduction Plan.**
- **PRPs approved by PADEP established:**
  - Total pollutant loading required to be addressed in permit term
  - Potential BMPs to be constructed to achieve required pollutant reduction goals.

# MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

- **Structural BMPs – Extended Detention/Infiltration/Filtration Basin – New Construction or Retrofit of existing facilities**
  - Center Commons Stormwater Facility
    - Construction completed in 2023

# MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4)

## ● Permit Renewal

- Current Permit expires March 2025
  - DEP issued Notice - General Permits extended 2 years (previously set to expire March 2023)
    - Township to continue with annual tasks in this 2 years (Outfall Testing, BMP Reviews, Training, etc.)
  - Notice of Intent not required as long as Annual Progress Report is submitted each September unless otherwise directed by DEP
  - Coverage under current Permit will renew unless otherwise notified by DEP
  - DEP has not issued any information regarding future PRP Requirements



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