

Worcester Township

MS4 Program





Worcester Township's MS4 Program

- ▶ Permit required by EPA & DEP for discharges from Municipal Separate Storm Sewer Systems (MS4)
- ▶ Current permit issued 12/1/2022
- ▶ Permit expires 11/30/2027
- ▶ Includes:
 - ▶ 6 Minimum Control Measures (MCMs)
 - ▶ Pollution Reduction Plans (PRP) for Sediment and Nutrient Reduction
 - ▶ Pollutant Control Measures for Pathogens & Priority Organic Compounds

6 MCMs:

- ▶ Public Education & Outreach
- ▶ Public Participation & Involvement
- ▶ Illicit Discharge Detection & Elimination
- ▶ Construction Site Stormwater Control
- ▶ Post Construction Stormwater Management
- ▶ Pollution Prevention / Good Housekeeping



MCM 1: Public Education & Outreach

- Public Education and Outreach Plan:
 - Raise awareness regarding stormwater and its impacts on local waterways
 - Provide information on ways the public can help reduce pollutants to our streams
 - Use at least 3 methods of distribution
- Distribution Methods use in Worcester Township:
 - Township Website
 - Township Newsletter & E-News
 - Information at Township Building
 - Board of Supervisors Meetings
 - Social Media



MCM #2: Public Participation & Involvement

- ▶ Involvement with the Perkiomen Watershed Conservancy
- ▶ Participation at Public Meetings
- ▶ Advertise Ordinance Revisions and Pollution Reduction Plans for public comment
- ▶ Recycling/Hazardous Waste Collection





MCM 3: Illicit Discharge Detection & Elimination

- ▶ Storm sewer system mapping
- ▶ Dry weather screening of outfalls
 - ▶ 72 mapped outfalls
 - ▶ All outfalls were inspected in 2021
- ▶ Adopt an ordinance consistent with the PADEP's 2022 Model Stormwater Management Ordinance
 - ▶ Update to Ordinance required prior to 9/30/2026
- ▶ Educate public regarding illicit discharges
- ▶ Provide a method to reporting illicit discharges to the Township

MCM 4: Construction Site Stormwater Management

- ▶ No permits or approvals issued without NPDES permit if 1 acre or greater of earth disturbance
- ▶ Implement/enforce ordinance requirements for E&S controls consistent with the PADEP 2022 Model Ordinance



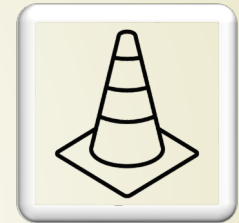
MCM 5: Post Construction Stormwater Management

- Implement/enforce ordinance requiring post construction stormwater management controls consistent with the PADEP 2022 Model Ordinance
- Inventory and track maintenance for Post Construction Stormwater Management facilities
 - Inventory included in Annual Reports



MCM 6: Pollution Prevention / Good Housekeeping

- ▶ Written Operation & Maintenance Program for the Township facilities and activities to reduce pollutant runoff
- ▶ Employee Training Program for officials, staff and consultants on the MS4 program



Pollution Reduction Plan (PRP)

- ▶ PRP was approved as part of the current MS4 Permit
- ▶ Stony Creek - Required to reduce sediment by 10%
- ▶ Skippack Creek – Required to reduce sediment by a least 10% and total phosphorus by 5%
- ▶ Multi-Municipal PRP was prepared for Skippack Creek along with Skippack Township, Lower Providence Township, Hatfield Township and Towamencin Township.



BMPs in Approved PRPs:

Stony Creek:

- Conversion of dry detention basin between Deep Meadow Lane and Crestline Drive
- Conversion of dry detention basin between Stony Creek Road and North Wales Road

Skippack Creek:

- A total of 3,550 LF of stream restoration



Pollution Control Measures

- Impairment for Pathogens – Zacharias Creek
- Impairment for Priority Organic Compounds (PCBs) – Schuylkill River
- Inventory of potential sources required by 9/30/2025
- Investigation of potential sources due by 9/30/2026
- Animal waste ordinance required to be adopted by 9/30/2026

