Managing our MS4 System

Presented By:

Dominic Cundari, P.E., MS4 Engineer

Alex Swiderski, E.I.T., Senior Engineering Technician, Drone Pilot
MS4 Team Lead

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Permit Requirements

Langhorne Manor Borough is authorized to discharge stormwater to Neshaminy Creek, Mill Creek, Magnolia Lake, and Silver Lake waterways through an MS4 Permit



MCM #1 – PUBLIC EDUCATION & OUTREACH



MCM #2 – PUBLIC INTERACTION & PARTICIPATION



MCM #3 – ILLICIT DISCHARGE DETECTION & ELIMINATION



MCM #4 – CONSTRUCTION SITE RUNOFF CONTROL



MCM #5 – POST CONSTRUCTION STORMWATER MANAGEMENT



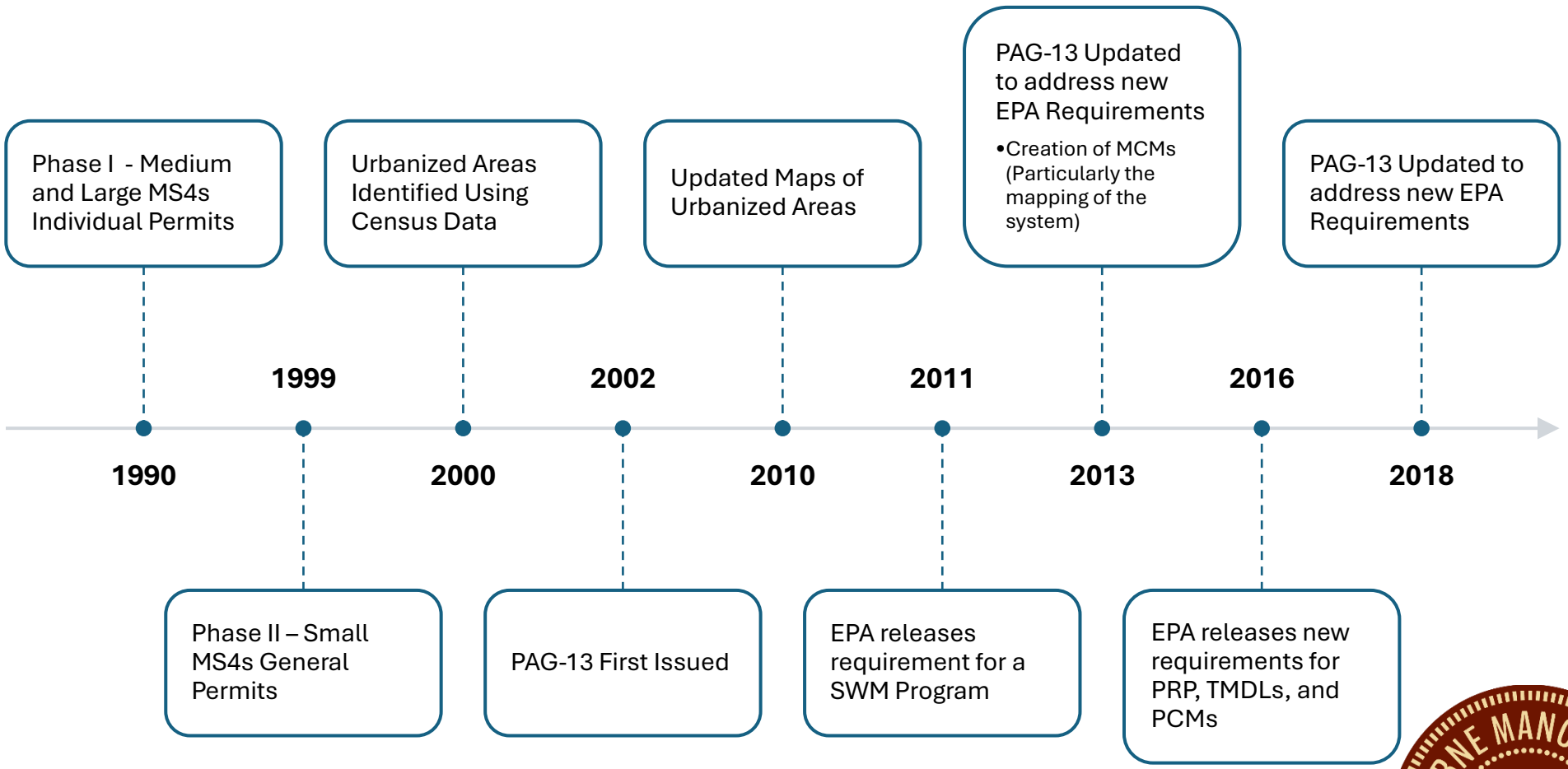
MCM #6 – POLLUTION PREVENTION & GOOD HOUSEKEEPING

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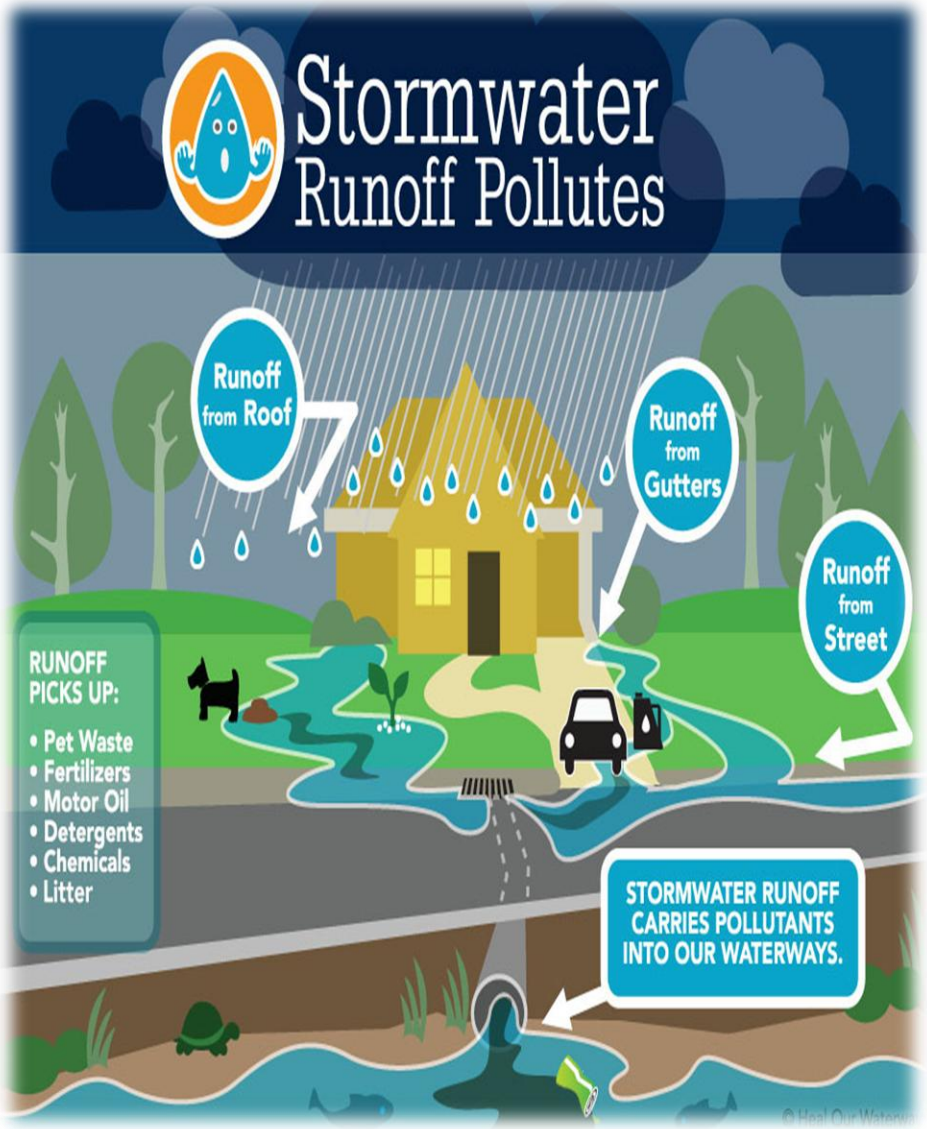
PAG-13 Permit
Pennsylvania General Permit 13

National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges From Small MS4s



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MCM 1 – Public Education & Outreach

- Educate community on impact of common practices
- Provide specific actions that reduce stormwater pollution potential

How do we comply?

- Education pamphlets and papers distributed to Public
- Information on Borough website
- Annual Stormwater Training

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MCM 2 – Public Involvement & Participation



- Provide opportunities for volunteer actions and programs
- Establish groups and teams for watershed review

How do we comply?

- Borough Environmental Website Pages
- Public Meetings – Public Comments - Presentations

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MCM 3 – Illicit Discharge Detection



- Develop and update storm sewer system map
- Investigate illicit discharges
- Provide ordinance against ID

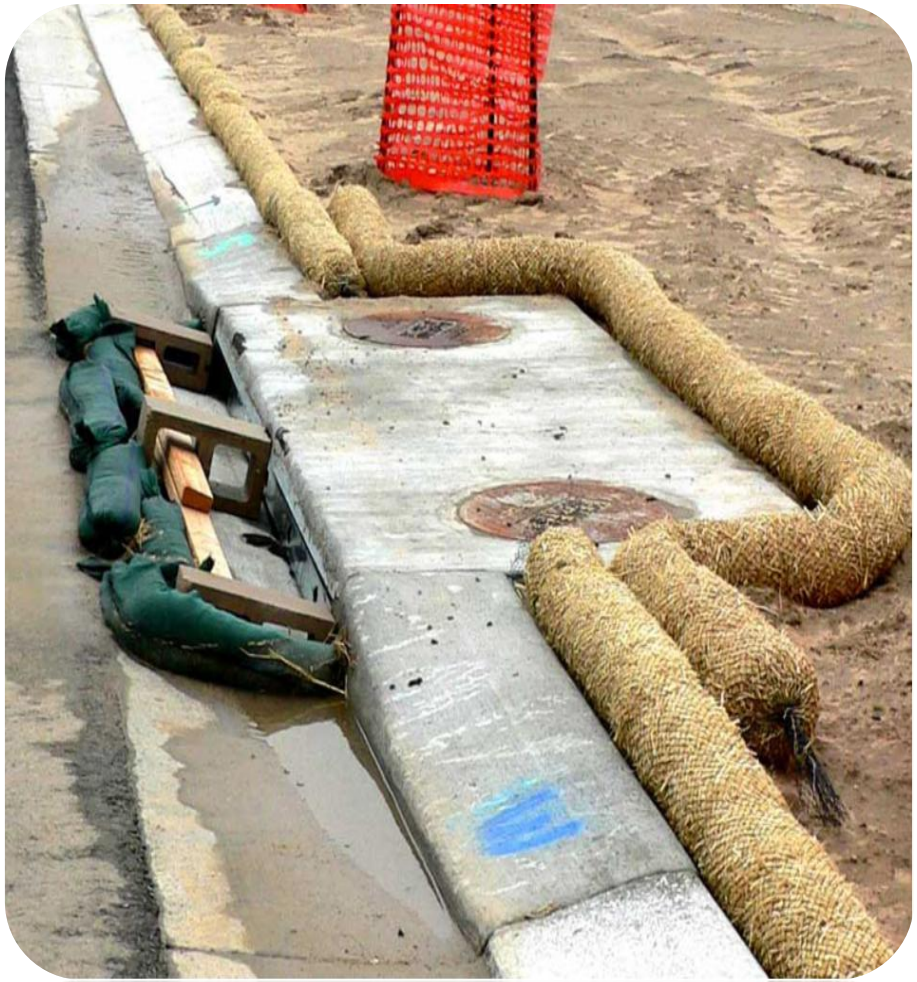
How do we comply?

- Ordinance - Prohibited Discharges
- Upgrading/Updating Storm Sewer Map in GIS
- Outfall Inspections – phased approach throughout permit cycle

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MCM 4 – Construction Site Runoff Control



- Develop procedures for managing construction runoff involving plan review, site inspection, and enforcement for erosion and sediment control measures

How do we comply?

- Routine Construction Inspections
- Notice of E&S Violation Issuance
- Ordinance reviews
- E&S Plan Reviews

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MCM 5 – Post Construction Stormwater Management



- Develop ordinance for controlling development stormwater
- Establish plans for long term operation and maintenance

How do we comply?

- Require an Operation and Maintenance agreement for constructed stormwater facilities (BMPs)
- PCSM BMP Inventory
- Stormwater Management O&M Plan

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MCM 6 – Pollution Prevention & Good Housekeeping



- Develop procedures for managing Township owned stormwater facilities
- Develop procedures for pollutant containment and disposal

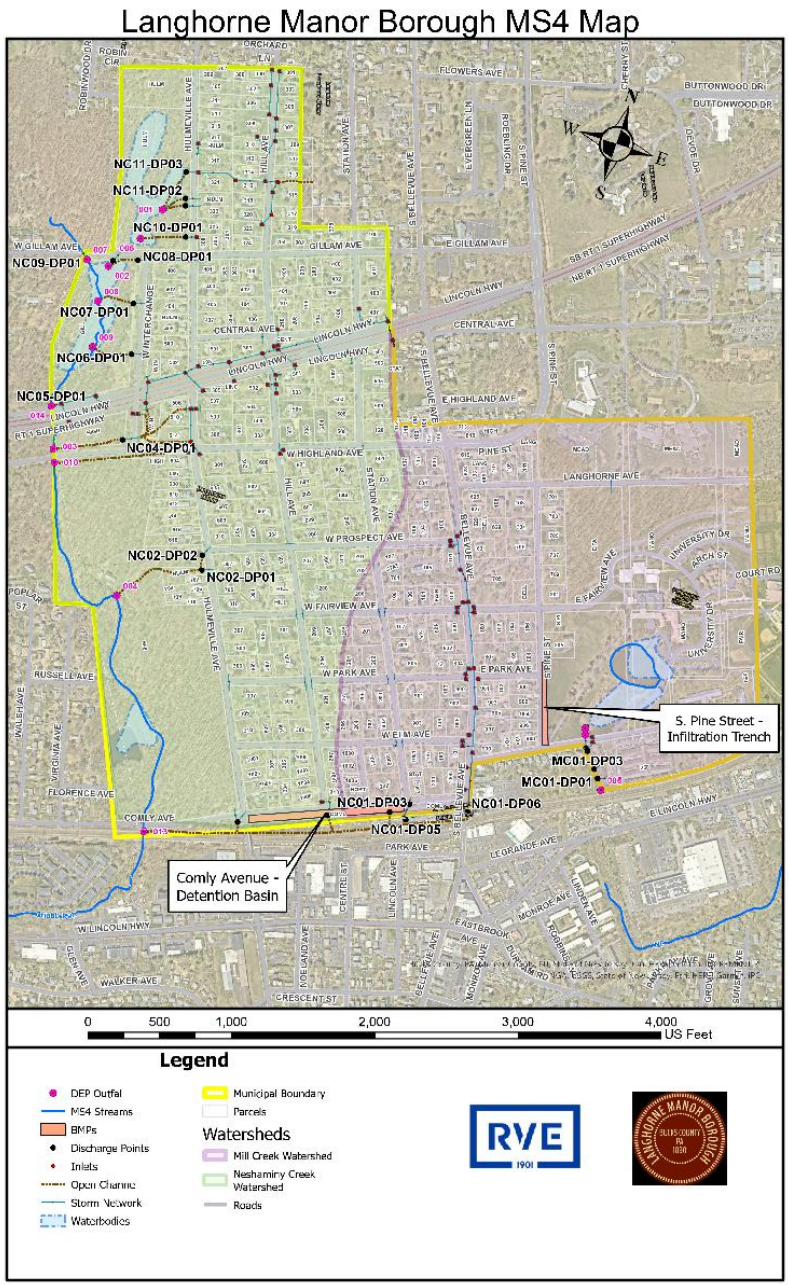
How do we comply?

- Routine inspection and maintenance of BMPs

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Langhorne Manor Watersheds



Goals of the MS4 Program:

- Continue to Improve Borough's Waterways
- Inform the Public about improvements in the Borough
- Reduce Pollution Loads
- Monitor Illicit Discharge and Construction violations
- Manage Stormwater and Drainage Infrastructure

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Langhorne Manors MS4 Projects

- Comly Basin Retrofit



- South Pine Street Infiltration Trench



2025-2026 MS4 Goals

- Outfall Field Verification and Inspections
- Watershed Mapping Updates
- Leverage grant funding to deliver MS4 projects
- Expand Public Education
- Maintain Compliance with PADEP
- Presentations and Annual Training



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Working as a Community

DISCHARGING LINES TO YARD OR STORM SEWER

MINIMIZING USE OF PESTICIDES



CLEANING UP AFTER PETS

COMPOSTING

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Importance of Swale Maintenance

Prevent blockages to allow proper water flow

Reduces soil erosion and property damage

Extends lifespan of the drainage system



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Keeping Our System Clean to Function Properly

CLEAN-UP AFTER LARGE STORM EVENTS

COMMUNITY EFFORT

CLEANER COMMUNITY = CLEANER WATERWAYS



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- Dominic.Cundari@rve.com
- Alexander.Swiderski@rve.com

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