

Generic Permit for Discharge of Stormwater from Phase II Municipal Separate Storm Sewer Systems





Phase 2 MS4 Generic Permit

The PURPOSE:

- ❖ To develop, implement and enforce a *Stormwater Management Program*
- ❖ To reduce discharge of pollutants
- ❖ To protect water quality
- ❖ To satisfy water quality requirements of the Clean Water Act.



MS4

■ What is a MS4?

- Municipal Separate Storm Sewer System
- Municipal – System owned or operated by a public agency
- Separate – Does not connect to the sanitary sewer system and does not lead to a wastewater treatment plant
- Storm Sewer System - A system of publicly owned conveyance(s) and includes roads, curbs, gutters, catch basins, swales, or ditches that discharge to surface waters of the state (outfalls), and is designed or used solely for collecting or conveying stormwater



Minimum Control Measures (MCM)

1. Public Education & Outreach as to Stormwater Impacts
2. Public Involvement/Public Participation
3. Illicit Discharge Detection & Elimination
4. Construction Site Stormwater Runoff Control
5. Post-Construction Stormwater Management in New Development & Re-Development
6. Pollution Prevention/Good Housekeeping for Municipal Operations



Best Management Practices (BMPs)

- **MCM 1 (Public Education & Outreach)**

- *City Stormwater Information Website*

- *City Participation at Local Event*

- *New Homeowner Packets*

- *Utility Inserts*

- *Storm Drain Labels*



Best Management Practices (BMPs)

- **MCM 2 (Public Involvement/Participation)**

- *Public Involvement in Meetings*

- *Beach Clean-Up*



Best Management Practices (BMPs)

- **MCM 3 (Illicit Discharge Detection/Elimination)**

- *Storm Sewer Map*
- *MS4 Structure Inventory*
- *Illicit Discharge Ordinance*
- *Illicit Discharge Inspection*
- *Illicit Discharge Educational Outreach*



Best Management Practices (BMPs)

- **MCM 4 (Construction Site Stormwater Runoff Control)**

- *Erosion & Sediment Control Ordinance*
- *Construction Site Waste Control Ordinance*
- *Site Plan Review*
- *Public Complaint or Inquiries*
- *Construction Site Inspections*



Best Management Practices (BMPs)

- **MCM 5 (Post-Construction Stormwater Management)**

- Qualifying Alternative Program



Best Management Practices (BMPs)

- **MCM 6 (Pollution Prevention/Good Housekeeping)**

- *Pet Waste Collection*
- *Storm Sewer System Vacuuming & Maintenance*
- *Recycling Program*
- *Grate Inlet Skimmer Boxes*
- *City Facility Inspections*



Best Management Practices (BMPs)

- **MCM 6 (Pollution Prevention/Good Housekeeping) (cont.)**

- *Street Sweeping/Vacuuming*
- *Employee Spill Prevention/Hazmat Training*
- *Fleet Maintenance*
- *Erosion & Sediment Control Inspection Training*



Questions/Comments
