



# Public Complex

## Stormwater Guidance Document

NJPDES General Permit No NJ0141879



New Jersey Department of Environmental Protection  
Division of Water Quality  
Municipal Stormwater Regulation Program

# Public Complex Stormwater Guidance Document

August 2004



State of New Jersey  
Governor James E. McGreevey

New Jersey Department of Environmental  
Protection  
Commissioner Bradley M. Campbell

Municipal Stormwater Regulation Program  
Bureau of Nonpoint Pollution Control  
Division of Water Quality

---

## Acknowledgements

### **Barry Chalofsky, P.P., Chief**

Bureau of Nonpoint Pollution Control

Division of Water Quality

### Municipal Stormwater Regulation Team

The following members of the Department of Environmental Protection Municipal Stormwater Regulation Team, over the last three years, developed the Municipal Stormwater Regulation Program, including amendments to the New Jersey Pollutant Discharge Elimination System Stormwater rules (N.J.A.C. 7:14A), the municipal stormwater general permits, and guidance documents and supporting materials:

Bruce Friedman

William Minervini

Kimberly Maxwell

Janet Jessel

Fred Bowers

Cindy Davis

Matthew Klewin

Tosin Sekoni

Tara Wood

JulieAnn Zoleta

**GIS Work and Mapping** – Linda Coles

### Additional Acknowledgements

The following employees of the Department of Environmental Protection have contributed in the preparation of this guidance document:

Sandra Blick

Kerry Kirk-Pflugh

John Laurita

Elizabeth Semple

### Municipal Stormwater Advisory Group

The following members of the Municipal Stormwater Advisory Group assisted in the development of the Municipal Stormwater Regulation Programs:

Joseph Doyle, NJ Planning Officials

James DeMuro/Frank Scarantino,

NJ Association of Municipal Engineers/ NJ Association of Professional Engineers

Abigail Fair, Association of NJ Environmental Commissions

Andras Fekete, NJ Department of Transportation

Robert Simicsak, Township of Woodbridge

John Winterstella, NJ State League of Municipalities

Nancy Wittenberg, NJ Builders Association

Ray Zabihach, NJ Association of Counties

The program also included input from the New Jersey Department of Transportation's New Jersey Quality Initiative Group, with representatives of most of the State's transportation-related agencies and associations, and from the Best Management Practices Subcommittee composed of representatives from various municipal, county and state public works agencies.

---

---

---

# Table of Contents

Chapter 1 - Introduction.....	1
Chapter 2 - Stormwater Pollution Prevention Plans and Example Forms.....	5
Chapter 3 - Public Notice.....	11
Chapter 4 - Post-Construction Stormwater Management in New Development and Redevelopment .....	13
Overview of the Stormwater Management Rules .....	15
Major Development .....	17
Design and Performance Standards for Major Development .....	17
Operation and Maintenance of BMPs.....	22
Maintenance Requirements - Stormwater Management Rules .....	22
Storm Drain Inlets (New Development and Redevelopment) .....	25
Chapter 5 - Local Public Education.....	28
Local Public Education Program (Colleges, Universities, and Military Bases only).....	28
Storm Drain Inlet Labeling .....	33
Chapter 6 - Improper Disposal of Waste.....	35
Pet Waste.....	35
Litter .....	37
Improper Disposal of Waste.....	38
Wildlife Feeding .....	40
Vegetative Waste.....	42
Illicit Connection Elimination and MS4 Outfall Pipe Mapping.....	44
Procedures for Detecting, Investigating, and Eliminating Illicit Connections .....	47
Chapter 7 - Solids and Floatable Control .....	56
Street Sweeping.....	56
Storm Drain Inlets (Retrofitting) .....	57
Stormwater Facility Maintenance.....	61
Road Erosion Control Maintenance.....	63
Outfall Pipe Stream Scouring Remediation .....	65
Chapter 8 - Maintenance Yard Operations .....	68
De-icing Material and Sand Storage .....	69
Fueling Operations.....	72
Chapter 9 - Employee Training .....	78
Chapter 10 - Additional Measures.....	80
Chapter 11 - Optional Measures.....	81
Wildlife Management.....	81
Fertilizer and Pesticide Management Program.....	85
Retrofit of Existing Stormwater Management Measures .....	86
Road De-icing.....	86
Planting of Native Vegetation in Existing Landscapes .....	88
Chapter 12 - Annual Report and Certification, and Blank Forms.....	89
Annual Report and Certification .....	89
Annual Report and Certification Form.....	90
Stormwater Pollution Prevention Plan Forms.....	90
Illicit Connection Inspection Report Form .....	90
Closeout Investigation Form.....	90
Chapter 13 - Industrial and Construction Activity Operated by the Public Complex.....	91
Chapter 14 - Important Names, Addresses and Contacts.....	92

---