

MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)

Permit No. GP-0-08-002

A. Automatic Continuance of Permit Coverage for Permittees Authorized by GP-02-02 (Continuing Permittees)

1. Impaired Waters Without Watershed Improvement Strategies or Future TMDLs

By January 8, 2013, for non-negligible changes to land areas or practices, ensure no net increased discharge of stormwater POC(s) (Pollutants of Concern) to the impaired waters, assess using department supported modeling of pollutant loading.

2. Watershed Improvement Strategies

Ensure that discharges of the POC to the TMDL waterbody are reduced through these or additional changes to the SWMP so that the waste load allocation is met.

By January 8, 2013, assess reductions using department supported modeling of pollutant loading.

B. Cooperation Between Permittees Encouraged

G. Reliance Upon Third Parties

Provide adequate assurance through certification statement, contract or other agreement that third parties will comply with permit requirements applicable to the work performed by the third party. The certification statement, contract or other agreement must:

- provide adequate assurance that the third party will comply with permit requirements;
- identify the activities that the third party entity will be responsible for and include the name and title of the person providing the signature;
- the name, address and telephone number of the third party entity;
- an identifying description of the location of the work performed; and
- the date the certification statement, contract or other agreement is signed.

Part V. PROGRAM ASSESSMENT, RECORD KEEPING, REPORTING AND CERTIFICATION REQUIREMENTS

C. Annual Reporting

1. Annual Report Submittal

The annual reporting period ends March 9 of each year. The annual report must be received in the Department's Central Office, electronic or hard copy, no later than June 1 of each reporting year. If electronic, submit in accordance with procedures set forth by the department.

2. Shared Annual Reporting and Submittal

Permittees working together may complete a shared annual report.

- providing the details specific to the small MS4(s) to a person(s) who incorporates that information into the group report.
 - providing the details specific to the smallMS4(s) on a separate sheet(s) that will be attached with the one group report.
- a. Provide their individual MCC form (see Part V.D) to be submitted with the shared annual report.
 - b. Present their draft annual report at a combined meeting or on internet.

3. Annual Report Content (March 10 to March 9)

MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)

Permit No. GP-0-08-002

Appropriateness of BMPs, progress towards MEP; and the identified measurable goals for each of the MCMs.

Monitoring data, estimates of pollutant loading and pollutant load reductions.

Summary of the stormwater activities planned.

Change in identified BMPs or measurable goals and justification for those changes.

Notice that a small MS4s is relying on another entity to satisfy some or all of its permit obligations (if applicable).

Summary of the public comments the annual report.

Statement that the final report and, beginning in 2009, the SWMP plan are available for public review and the location where they are available.

Explicit information by MCM as follows:

MCM 1

- i. list education / outreach *activities*
- ii. IDDE education activities planned or completed
- iii. construction site stormwater control training planned or completed,
- iv. employee pollution prevention/good housekeeping training planned or completed
- v. report on effectiveness of program, BMP and measurable goal assessment

MCM 2

- i. annual report presentation information (date, time, attendees) or information about how the annual report was made available for comment;
- ii. comments received and intended responses (as an attachment);
- iii. public involvement I participation activities; and
- iv. effectiveness of program, BMPs and measurable goal assessment.

MCM 3

- i. number and percent of outfalls mapped;
- ii. number of illicit discharges detected and eliminated;
- iii. percent of outfalls for which an outfall reconnaissance inventory has been performed.
- iv. status of system mapping;
- v. activities in and results from informing public employees, businesses, and the general public of hazards associated with illegal discharges and improper disposal of waste;
- vi. regulatory mechanism status - certification that law is equivalent to the State 's model IDDE law (if not already completed and submitted with an earlier annual report); and
- vii. report on effectiveness of program, BMP and measurable goal assessment.

MCM 4

- i. number of SWPPPs reviewed;
- ii. number and type of enforcement actions;
- iii. percent of active construction sites inspected once;
- iv. percent of active construction sites inspected more than once;
- v. number of construction sites authorized for disturbances of one acre or more; and

MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)

Permit No. GP-0-08-002

- vi. report on effectiveness of program, BMP and measurable goal assessment.

MCM 5

- i. number of SWPPPs reviewed;
- ii. number and type of enforcement actions;
- iii. number and type of post-construction stormwater management practices inventoried;
- iv. number and type of post-construction stormwater management practices inspected;
- v. number and type of post-construction stormwater management practices maintained;
- vi. regulatory mechanism status - certification that regulatory mechanism is equivalent to one of the sample laws.
- vii. report on effectiveness of program, BMP and measurable goal assessment;

MCM 6

- i. indicate the municipal operations and facilities that the pollution prevention and good housekeeping program assessed;
- ii. report
 - acres of parking lot swept;
 - miles of street swept;
 - number of catch basins inspected and, where necessary, cleaned;
 - post-construction control stormwater management practices inspected and, where necessary, cleaned;
 - pounds of phosphorus applied in chemical fertilizer
 - pounds of nitrogen applied in chemical fertilizer; and
 - pounds of pesticides! herbicides applied as pure product.
- iii. staff training events and number of staff trained; and
- iv. report on effectiveness of program, BMP and measurable goal assessment.

Part VI. STANDARD PERMIT CONDITIONS

All NOIs shall be signed by either a principal executive officer or ranking elected official.

Other reports may be signed by duly authorized (in writing) persons e.g. Environmental Directors, Deputy Supervisors, Safety and Environmental Managers, Assistant Directors, and Chief Health and Safety Officers.

Part VII. MINIMUM CONTROL MEASURES - TRADITIONAL LAND USE CONTROL

Newly regulated permittees - 3 years to develop and implement.

Internal coordination required.

IMA allowed

1. Public Education and Outreach

- a. Identify POCs, waterbodies of concern, geographic areas of concern, target audiences;
- b. Develop and implement an ongoing public education and outreach program to describe:
 - i. the impacts of stormwater discharges on waterbodies;
 - ii. POCs and their sources;

- 3 -

Informal 'Cliff Notes' on GP 0-08-002, presented by Angus Eaton to the New York State Association of Regional Councils Water Quality Committee meeting in Syracuse, NY on April 29, 2008

MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)

Permit No. GP-0-08-002

- iii. steps contributors of can take to reduce pollutants in stormwater runoff; and
- iv. steps contributors of non-stormwater discharges can take to reduce pollutants

- c. Develop, record, periodically assess, and modify as needed, measurable goals; and
- d. Select appropriate education and outreach activities and measurable goals to ensure the reduction of all POCs in stormwater discharges to the MEP (Maximum Extent Practicable).

2. Public Involvement / Participation

- a. Comply with the State Open Meetings Law
- b. Identify key interested and affected individuals and groups and input expected and how that input will be solicited.
- c. Name a local point of contact for public concerns.
- d. Present the draft annual report to the public in a meeting or on the internet.
- e. Provide public notice of report availability.
- f. Provide opportunity to comment.
- g. Ensure annual report and, beginning in 2009, SWMP plan are available for inspection.
- h. Develop, record, periodically assess and modify as needed measurable goals to meet MEP.

3. Illicit Discharge Detection and Elimination (IDDE)

- a. Develop, implement and enforce a program to detect and eliminate illicit discharges
- b. Develop and maintain a map of outfalls, preliminary storm sewershed (by March 9, 2010) and system mapping (if funded).
- c. Field verify outfall locations;
- d. Conduct an outfall reconnaissance inventory for all outfalls every five years;
- e. Map new or newly discovered outfalls;
- f. IDDE Law - attorney certified
- g. Develop and implement a program to detect and address non-stormwater discharges, including illegal dumping, to the small MS4.
- h. Inform public employees, businesses, and the general public of the hazards associated with illegal discharges and improper disposal of waste;
- i. Address the categories of non-stormwater discharges or flows listed in Part I.A.2 as necessary;
- j. Develop, record, periodically assess, and modify as needed, measurable goals to meet MEP;

4. Construction Site Stormwater Runoff Control

- a. provides equivalent protection to the construction general permit; 4
- b. addresses stormwater runoff to the small MS4 from construction activities that result in a land disturbance of greater than or equal to one acre.
- c. includes a law, ordinance or other regulatory mechanism documented with GAP Analysis or Attorney Certified.
- d. contains requirements for construction site operators to implement erosion and sediment control management practices;
- e. allows for sanctions to ensure compliance to the extent allowable by State or local law;
- f. contains requirements for construction site operators to control waste such as discarded building materials, concrete truck washout, chemicals, litter, and sanitary waste at the construction site that may cause adverse impacts to water quality;
- g. describes procedures for SWPPP review by trained individuals
- h. "SWPPP Acceptance Form" (9/30/08)
- i. complaint investigation

MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)

Permit No. GP-0-08-002

- j. Inspect all sites by trained individuals
- k. educates construction site owner / operators in municipal procedures
- l. by two years from the date this permit is issued, ensures that construction site operators have received erosion and sediment control training before they do work within the permittees jurisdiction.
- m. establishes and maintains an inventory of active construction sites, including the location of the site, owner / operator contact information;
- n. develop, record, periodically assess and modify as needed BMPs and measurable goals to meet MEP.

5. Post-Construction Stormwater Management

- a. Post Construction Controls Design Manual or Equivalent and / or non-structural management practices LID, BSD and other Green Infrastructure practices, land use regulations
- b. Encourage site level Green Infrastructure practices at a site level
- c. Encourage review and revise codes to minimize pollutant loading (smart growth)
- d. SWPPP review for all sites with post construction controls by or under the supervision of qualified professionals;
- e. By May 1, 2009 inventory of post-construction SMPs
 - installed since March 10, 2003
 - owned by the small M84
 - causing water quality violations
- f. ensures adequate long-term operation and maintenance by trained staff
- g. Adequate resources for a program to inspect development and re-development sites by trained staff and to enforce and penalize violators;
- h. Develop, record, periodically assess and modify post-construction stormwater BMPs to ensure the reduction of all POCs in stormwater discharges to the MEP.

6. Pollution Prevention/Good Housekeeping For Municipal Operations

- a. addresses municipal operations that contribute POCs to the small MS4 system.
- b. every three years, perform a self assessment of all municipal operations to:
 - determine the sources of pollutants; and
 - identify the municipal operations and facilities that will be addressed by the pollution prevention and good housekeeping program, if it is not done already;
- c. determines management practices, policies, procedures to reduce pollutants.
- d. prioritizes efforts and address priorities;
- e. employee training;
- f. third party entities meeting permit requirements;
- g. MSGP facility compliance.
- h. Develop, record, periodically assess and modify pollution prevention and good housekeeping BMPs and measurable goals to ensure the reduction of all POCs in stormwater discharges to the MEP.

Part IX. ADDITIONAL BEST MANAGEMENT PRACTICES FOR ONONDAGA

Within 3 years of the effective date of this permit (unless otherwise noted):

1. Public Education and Outreach on Stormwater Impacts- applicable to traditional land use control, traditional non-land use control and non-traditional MS4s.

- a. Public education and outreach program designed to describe the impacts of phosphorus (the POC) on waterbodies.
- b. Educational Material for:
 - i. understanding the phosphorus issue;

MUNICIPAL SEPARATE STORM SEWER SYSTEMS (MS4s)

Permit No. GP-0-08-002

- ii. septic systems as a source of phosphorus; and
- iii. phosphorus concerns with fertilizer use.

5. Post-Construction Stormwater Management,

- a. By September 30, 2008”Enhanced Phosphorus Removal Design Standards”
- b. Retrofit Program
 - i. establish procedures to identify sites with erosion and/or pollutant loading problems;
 - ii. establish policy and procedures for project selection.
 - iii. establish policy and procedures for project permitting, design, funding, construction and maintenance
 - iv. by March 9, 2011 approvable plans and schedules for completing retrofit projects, including identification of funding sources.

6. Pollution Prevention/Good Housekeeping For Municipal Operations applicable to traditional land use control, traditional non-land use control and non-traditional MS4s.

- a. Only apply Phosphorus after soil testing
- b. Planting of native plant material to lessen the frequency of mowing and the use of chemicals to control vegetation.

TERMS DEFINED AND ITALICIZED IN PERMIT

Qualified Professional - PE, LA or other.

SWMP Plan - documented management practices and *measurable goals*.

Local laws, inter-municipal agreements, staffing and staff development programs and organization charts; budget; policies, procedures, outfall and small MS4 system maps; stormwater management practice selection and measurable goals; O&M schedules; documentation of public outreach efforts and public comments; SWPPPs, review letters, inspection reports.

IMPAIRED STREAM SEGMENTS LISTED IN PERMIT

WATERSHED IMPROVEMENT STRATEGY AREAS MAPPED IN PERMIT