

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2 0 0 9

Provide SPDES ID of each permitted MS4 included in this report.

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Required Forms

- > Municipal Compliance Certification
- > Water Quality Trends
- > Minimum Measure 1
- > Minimum Measure 2
- > Minimum Measure 3
- > Minimum Measure 4
- > Minimum Measure 4 and 5
- > Minimum Measure 5
- > Minimum Measure 6
- > MS4s in impaired watersheds included in GP-0-08-002 Part IX must also complete the form *Additional Watershed Improvement Strategy Best Management Practices*.

Reporting Requirements

- * **Permittees submitting an annual report for an individual MS4 must complete and submit all required forms.**
- * **Joint reports may be submitted by permittees with legally binding agreements as follows:**
 - > *Each* MS4 contributing to a joint report must submit a Municipal Compliance Certification (MCC) form with an original signature. The MCC forms must be attached to the report.
 - > A coalition may submit information on behalf of its members as follows:
 1. Submit one form for each of the Minimum Measures (and if required, Additional Watershed Improvement Strategy Best Management Practices) on behalf of all the MS4s in the coalition, or
 2. Complete some of the required forms on behalf of all the MS4's in the coalition and for other Minimum Measures, attach completed forms from each of the MS4s.

For example, a joint report for a coalition including four permitted MS4s may contain one form for *each* of the Minimum Measures 1-5, representing the combined work of all four participating MS4s, and *in addition*, include four separate Minimum Measure 6 forms and four separate *Additional Watershed Improvement Strategy Best Management Practices* forms provided by each of the participating permittees.

The Department will *not* accept a report form from a participating MS4 *in addition to* a combined report form submitted for the same Minimum Measure.

Instructions for completing forms

These forms may be completed on a computer or by hand. If completing the forms by hand, fill in circles completely and print clearly.

MS4 Annual Report Form

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

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| NEW YORK STATE CANAL CORPORATION |
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3. What strategies did your MS4/Coalition use to achieve education and outreach goals during this reporting period? Check all that apply:

- Construction Site Operators Trained # Trained

| | | | | |
|--|--|--|---|---|
| | | | 4 | 7 |
|--|--|--|---|---|
- Direct Mailings # Mailings

| | | | | |
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| | | | | |
|--|--|--|--|--|
- Kiosks or Other Displays # Locations

| | | | | |
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| | | | | |
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- List-Serves # In List

| | | | | |
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| | | | | |
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- Mailing List # In List

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- Newspaper Ads or Articles # Days Run

| | | | | |
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| | | | | |
|--|--|--|--|--|
- Public Events/Presentations # Attendees

| | | | | |
|--|--|--|---|---|
| | | | 4 | 8 |
|--|--|--|---|---|
- School Program # Attendees

| | | | | |
|--|---|---|---|---|
| | 2 | 2 | 6 | 3 |
|--|---|---|---|---|
- TV Spot/Program # Days Run

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|
- Printed Materials: Total # Distributed

| | | | | |
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| 1 | 1 | 0 | 0 | 0 |
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Locations (e.g. libraries, town offices, kiosks)

| | | | | | | | | | | | | | | | | | | | |
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Other:

Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

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| NEW YORK STATE CANAL CORPORATION | | | | | | | | | |
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4. Evaluating/Measuring Progress MCM 1

What indicators do you use to evaluate the overall effectiveness of your Education and Outreach Program, how long have you been tracking them and at what frequency?

Example*:

Indicator:

Public phone survey

Began Tracking:

2005

(year)

Frequency:

Annual

(ex.: annual, monthly, biweekly)

#

1000

(ex.: samples/participants/events)

Results:

Increased awareness of issues related to use of fertilizers

** This indicator is provided as an example only.*

Indicator:

Distributed "Stormwater Pollution Prevention" brochures

Began Tracking:

2005

(year)

Frequency:

Annually

(ex.: annual, monthly, biweekly)

#

33,500 brochures

(ex.: samples/participants/events)

Results:

Educates the public about pollution prevention. Brochure is very popular at NYSCC locks, NYSTA Service Areas, and the State Fair.

Submit additional pages as needed.

MCM 1

What indicators do you use to evaluate the overall effectiveness of your Education and Outreach program, how long have you been tracking them and at what frequency?

Indicator: Stormwater Management Webpage

Began Tracking: 2005 **Frequency:** Annually

Unknown

Results: Provides information to a broad audience. Includes information about NYSTA and NYSCC's programs, the General Permit, and downloadable educational material.

What indicators do you use to evaluate the overall effectiveness of your Education and Outreach program, how long have you been tracking them and at what frequency?

Indicator: Children's Activity Book

Began Tracking: 2007 **Frequency:** Annually

3,263 distributed in 2008

Results: Educates children about pollution prevention. This activity book has been very popular with teachers and students.

What indicators do you use to evaluate the overall effectiveness of your Education and Outreach program, how long have you been tracking them and at what frequency?

Indicator: Tug Urger Program

Began Tracking: 2008 **Frequency:** Annually

2,263 students received activity books and 100 teachers and parents received information sheets

Results: Well received pollution prevention educational lesson presented on a tugboat on the NYS Canal.

What indicators do you use to evaluate the overall effectiveness of your Education and Outreach program, how long have you been tracking them and at what frequency?

Indicator: Developed a "Help Keep the Canal Clean" brochure to educate Canal travelers on pollution prevention.

Began Tracking: 2008 **Frequency:** Annually

1,000 distributed in 2008

Results: These brochures are handed out at Canal events and distributed to Canal travelers as they pass through the locks.

MS4 Annual Report Form

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Name of MS4/Coalition

SPDES ID

2. URL(s) con't.:

Please provide specific address(es) where notice(s) can be accessed - not home page.

URL

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/ M S 4 S . H T M L

URL

W W W . N Y S C A N A L S . G O V / C O R P O R A T I O N / E N
V I R O N A W A R E / I N D E X . H T M L # M S 4

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2009

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Name of MS4/Coalition: NEW YORK STATE CANAL CORPORATION

SPDES ID: NYR20A025

3. Where can the public access copies of the annual report, Stormwater Management Program (SWMP) Plan and submit comments on those documents?

Enter address/contact info and select radio button to indicate which document is available and whether comments may be submitted at that location. Submit additional pages as needed.

MS4/Coalition Office Annual Report SWMP Plan Comments

Department: ENVIRONMENTAL SERVICES BUREAU

Address: 200 SOUTHERN BOULEVARD

City: ALBANY NY Zip: 12209

Phone: () -

Library Annual Report SWMP Plan Comments

Address:

City: Zip:

Phone: () -

Other Annual Report SWMP Plan Comments

Address:

City: Zip:

Phone: () -

Web Page URL: Annual Report SWMP Plan Comments

WWW.NYSTHRUWAY.GOV/ENVIRONMENTAL/MS4S.HTML

Please provide specific address of page where report can be accessed - not home page.

eMail Comments

ms4arcana@s@thruway.state.ny.us

MS4 Annual Report Form

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Name of MS4/Coalition

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| NEW YORK STATE CANAL CORPORATION |
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4. Were comments received during this reporting period?

Yes No

If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.

If submitting a report for single MS4, answer 5.a.. If submitting a joint report, answer 5.b..

5.a. Was an Annual Report public meeting held in this reporting period?

Yes No

If Yes, what was the date of the meeting?

| | |
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If No, is one planned?

Yes No

5.b. Was an Annual Report public meeting held for all MS4s contributing to this report during this reporting period?

Yes No

If No, is one planned for each?

Yes No

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6. Evaluating/Measuring Progress MCM 2

What indicators do you use to evaluate the overall effectiveness of your Public Involvement/Participation Program, how long have you been tracking them and at what frequency?

Example:*

Indicator:

| |
|--------------------------------------|
| Number of attendees at public events |
|--------------------------------------|

Began Tracking:

| |
|---------------|
| 2005 |
| <i>(year)</i> |

Frequency:

| |
|---|
| Annual |
| <i>(ex.: annual, monthly, biweekly)</i> |

| |
|---|
| 1000 |
| <i>(ex.: samples/participants/events)</i> |

Results:

| |
|--|
| Attendance at public events has increased 200% since 2005. |
|--|

** This indicator is provided as an example only.*

Indicator:

| |
|---|
| Retained a firm to develop a public outreach campaign |
|---|

Began Tracking:

| |
|---------------|
| 2005 |
| <i>(year)</i> |

Frequency:

| |
|---|
| Annually |
| <i>(ex.: annual, monthly, biweekly)</i> |

| |
|---|
| N/A |
| <i>(ex.: samples/participants/events)</i> |

Results:

| |
|--|
| The success of this program is evaluated by event attendance, quantities of educational materials distributed, and the public's familiarity with NYSCC's "Connecting the Drops" stormwater management program. |
|--|

Submit additional pages as needed.

MCM 2

What indicators do you use to evaluate the overall effectiveness of your Public Involvement/Participation program, how long have you been tracking them and at what frequency?

Indicator: Tugboat Urger stormwater lesson to students, teachers and parents on the NYS Canal (Also listed in MCM 1).

Began Tracking: 2008 **Frequency:** Annually

2,150 students, teachers and parents

Results: Well received pollution prevention educational lesson presented on a tugboat on the Canal.

What indicators do you use to evaluate the overall effectiveness of your Public Involvement/Participation program, how long have you been tracking them and at what frequency?

Indicator: Canal opening and State Fair events

Began Tracking: 2007 **Frequency:** Annually

2 events

Results: Attendance at events and educational materials distributed

What indicators do you use to evaluate the overall effectiveness of your Public Involvement/Participation program, how long have you been tracking them and at what frequency?

Indicator: Postcard mailing to introduce the NYSCC public education campaign and stormwater website

Began Tracking: 2008 **Frequency:** Annually

Approximately 200 postcards were sent to environmental organizations, educational organizations, and adjacent MS4s

Results: Organizations contacted with the postcards have requested NYSTA stormwater educational materials

What indicators do you use to evaluate the overall effectiveness of your Education and Outreach program, how long have you been tracking them and at what frequency?

Indicator: Canal Clean Sweep Events

Began Tracking: 2008 **Frequency:** Annually and as necessary

48 Events

Results: Canal Clean Sweep events are organized in communities along the Canal each year to promote public participation in keeping the Canal trails clean.

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| NEW YORK STATE CANAL CORPORATION | | | | | | | | | |
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12. Evaluating/Measuring Progress MCM 3

What indicators do you use to evaluate the overall effectiveness of your Illicit Discharge Elimination Program, how long have you been tracking them and at what frequency?

Example*:

Indicator:

Number of illicit discharges identified/eliminated

Began Tracking:

2005

(year)

Frequency:

Monthly inspections

(ex.: annual, monthly, biweekly)

#

25 illicit discharges identified/24 eliminated

(ex.: samples/participants/events)

Results:

Since 2005, the number of annual inspections has doubled. We have developed a tracking system and illicit discharges that have been identified are being eliminated, on average, within a week of discovery.

* This indicator is provided as an example only.

Indicator:

Oil Water Separator Poster

Began Tracking:

2008

(year)

Frequency:

Annually

(ex.: annual, monthly, biweekly)

#

1 canal facility has an oil water separator

(ex.: samples/participants/events)

Results:

Provides a daily reminder to staff for proper maintenance and inspection of oil water separators.

Submit additional pages as needed.

MCM 3

What indicators do you use to evaluate the overall effectiveness of your Illicit Discharge Elimination program, how long have you been tracking them and at what frequency?

Indicator: Annual internal environmental audits

Began Tracking: 2003 **Frequency:** Annually

10 canal facilities

Results: This annual inspection is conducted to confirm staff is complying with environmental regulations. Any item or action found not to be in compliance is corrected.

What indicators do you use to evaluate the overall effectiveness of your Illicit Discharge Elimination program, how long have you been tracking them and at what frequency?

Indicator: Revised policies and guidance documents.

Began Tracking: 2003 **Frequency:** As necessary

6

Results: Updated policies ensure that NYSCC staff is following the most up to date management practices which reduce the potential for stormwater pollution.

What indicators do you use to evaluate the overall effectiveness of your Education and Outreach program, how long have you been tracking them and at what frequency?

Indicator: Canal directive for reporting illicit discharges

Began Tracking: 2008 **Frequency:** Annually

Available at 7 canal section and 3 divisions of the canal

Results: Educating staff about illicit discharges, and providing formal procedures for identifying and reporting them, will help to eliminate them.

What indicators do you use to evaluate the overall effectiveness of your Illicit Discharge Elimination program, how long have you been tracking them and at what frequency?

Indicator: Good Housekeeping Pollution Prevention Poster

Began Tracking: 2006 **Frequency:** Annually

10 canal facilities

Results: Provides a daily reminder to staff for pollution prevention best management practices, and for the identification and prevention of illicit discharges.

MS4 Annual Report Form

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Name of MS4/Coalition

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Minimum Control Measures 4 and 5.
Construction Site and Post-Construction Control

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s contributed to this report?

| | | |
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1. Has each Town, City and/or Village contributing to this report adopted a law, ordinance or other regulatory mechanism that provides equal protection to the NYS SPDES General Permit for Stormwater Discharges from Construction Activities? Yes No

If Yes, provide date of equivalent NYS Sample Local Law. 09/2004 03/2006

2. Does your MS4/Coalition have a SWPPP review procedure in place? Yes No

3. How many Construction Stormwater Pollution Prevention Plans (SWPPPs) have been reviewed in this reporting period?

| | | |
|--|--|---|
| | | 0 |
|--|--|---|

4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs? Yes No

If Yes, how many public comments were received during this reporting period?

| | | |
|--|--|---|
| | | 0 |
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5. Does your MS4/Coalition provide education and training for contractors about the local SWPPP process? Yes No

6. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:

- Notices of Violation #

| | | | | |
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 No Authority
- Stop Work Orders #

| | | | | |
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| | | | | 0 |
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 No Authority
- Criminal Actions #

| | | | | |
|--|--|--|--|--|
| | | | | |
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 No Authority
- Termination of Contracts #

| | | | | |
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 No Authority
- Administrative Fines #

| | | | | |
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 No Authority
- Civil Penalties #

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 No Authority
- Administrative Orders #

| | | | | |
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 No Authority
- Other #

| | | | | |
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 No Authority

MS4 Annual Report Form

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Name of MS4/Coalition

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| NEW YORK STATE CANAL CORPORATION |
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Minimum Control Measure 4. Construction Site Stormwater Runoff Control

The information in this section is being reported (check one):

- On behalf of an individual MS4
 On behalf of a coalition

How many MS4s contributed to this report?

| | | |
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| | | |
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1. How many construction projects have been authorized for disturbances of one acre or more during this reporting period?

| | | |
|--|--|---|
| | | 0 |
|--|--|---|
2. How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period?

| | | |
|--|--|---|
| | | 0 |
|--|--|---|
3. What percent of active construction sites were inspected during this reporting period?

| | | |
|---|---|---|
| 1 | 0 | 0 |
|---|---|---|

 %
4. What percent of active construction sites were inspected more than once?

| | | |
|---|---|---|
| 1 | 0 | 0 |
|---|---|---|

 %
5. Do all inspectors working on behalf of the MS4s contributing to this report use the NYS Construction Stormwater Inspection Manual? Yes No
6. Does your MS4/Coalition provide public access to Stormwater Pollution Prevention Plans (SWPPPs) of construction projects that are subject to MS4 review and approval? Yes No

If Yes, use the following page to identify location(s) where SWPPPs can be accessed.

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Name of MS4/Coalition NEW YORK STATE CANAL CORPORATION

SPDES ID
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6. con't.:

Submit additional pages as needed.

MS4/Coalition Office

Department

E N V I R O N M E N T A L S E R V I C E S B U R E A U

Address

2 0 0 S O U T H E R N B O U L E V A R D

City

A L B A N Y

Zip

N Y

1 2 2 0 9 -

Phone

(5 1 8) 4 7 1 - 5 9 4 2

Library

Address

City

Zip

-

Phone

() -

Other

Address

City

Zip

-

Phone

() -

Web Page URL(s): Please provide specific address where SWPPPs can be accessed - not home page.

URL

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

| | | | |
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

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| NEW YORK STATE CANAL CORPORATION |
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SPDES ID

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7. Evaluating/Measuring Progress MCM 4

What indicators do you use to evaluate the overall effectiveness of your Construction Site Stormwater Management Program, how long have you been tracking them and at what frequency?

Example:*

Indicator:

| |
|-------------------------|
| Percent SWPPPs reviewed |
|-------------------------|

Began Tracking:

| |
|------|
| 2005 |
|------|

Frequency:

| |
|-----------------|
| Upon submission |
|-----------------|

(year)

(ex.: annual, monthly, biweekly)

| |
|-----------|
| 50 SWPPPs |
|-----------|

(ex.: samples/participants/events)

Results: 100% of SWPPPs were reviewed. 50% of the SWPPPs reviewed were returned with comments. All of these were returned with modifications reflecting NYS Standards.

** This indicator is provided as an example only.*

Indicator:

| |
|--|
| Training employees on new stormwater regulations |
|--|

Began Tracking:

| |
|------|
| 2004 |
|------|

Frequency:

| |
|--------|
| Annual |
|--------|

(year)

(ex.: annual, monthly, biweekly)

| |
|--|
| 29 employees were trained on the new stormwater permit GP-0-08-001 in 2008. Over 200 staff have been trained on GP-02-01 and GP-02-02. |
|--|

(ex.: samples/participants/events)

Results: Increased awareness of the regulations and pollution prevention.

Submit additional pages as needed.

MCM 4

What indicators do you use to evaluate the overall effectiveness of your Construction Site Stormwater Management program, how long have you been tracking them and at what frequency?

Indicator: Annual Construction Meeting

Began Tracking: 2008 **Frequency:** Annually

47 attended

Results: This meeting provides technical sessions on construction site inspections, erosion and sediment control, hydraulics and hydrology, and design of permanent controls. Staff becomes more educated about the requirements of the general permit and how to meet those requirements.

What indicators do you use to evaluate the overall effectiveness of your Construction Site Stormwater Management program, how long have you been tracking them and at what frequency?

Indicator: SWPPP design, review, and oversight process

Began Tracking: 2008 **Frequency:** Project dependant

0

Results: NYSCC's thorough review and oversight process ensures the correct controls are being selected, and properly installed and maintained. NYSCC has not had to issue any stop work orders or terminate contracts due to improper installation or maintenance of controls.

MS4 Annual Report Form

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Name of MS4/Coalition

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4. Evaluating/Measuring Progress MCM 5

What indicators do you use to evaluate the overall effectiveness of your Post-Construction Stormwater Management Program, how long have you been tracking them and at what frequency?

Example:*

Indicator:

Number of reports of flooding during storm events from business district

Began Tracking:

2005

(year)

Frequency:

Annual Summary

(ex.: annual, monthly, biweekly)

18

(ex.: samples/participants/events)

Results:

During this reporting period, we experienced average rainfall, but DPW records show that the number of incidences of flooding in the business district fell 25%. This is attributable to increased inspection and maintenance of post construction BMPs.

** This indicator is provided as an example only.*

Indicator:

Developed a draft Long Term Operations and Maintenance Plan for Post Construction Controls.

Began Tracking:

2008

(year)

Frequency:

Annually

(ex.: annual, monthly, biweekly)

N/A

(ex.: samples/participants/events)

Results:

Provides maintenance personnel guidance on the proper inspection and maintenance for stormwater controls. This manual will help to ensure maintenance practices are inspected and maintained properly.

Submit additional pages as needed.

MCM 5

What indicators do you use to evaluate the overall effectiveness of your Post Construction Stormwater Management program, how long have you been tracking them and at what frequency?

Indicator: Permanent stormwater controls review process

Began Tracking: 2008 **Frequency:** As necessary

0 SWPPPs with controls reviewed

Results: The review process ensures that quality designs are prepared for post construction controls.

What indicators do you use to evaluate the overall effectiveness of your Post Construction Stormwater Management program, how long have you been tracking them and at what frequency?

Indicator: Revised policies and guidance documents. (Also listed in MCM 3)

Began Tracking: 2003 **Frequency:** As necessary

6

Results: Updated policies help to ensure that staff is following the most up to date management practices which reduce the potential for stormwater pollution.

MS4 Annual Report Form

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Name of MS4/Coalition

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| NEW YORK STATE CANAL CORPORATION |
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SPDES ID

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Minimum Control Measure 6. Stormwater Management for Municipal Operations

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s contributed to this report?

| | | |
|--|--|--|
| | | |
|--|--|--|

1. Choose/list each municipal operation/facility that contributes or may potentially contribute Pollutants of Concern to the MS4 system. For each operation/facility indicate whether the operation/facility has been addressed in the MS4's/Coalition's Stormwater Management Program(SWMP) Plan and whether a self-assessment has been performed during the reporting period. A self-assessment is performed to: 1) determine the sources of pollutants potentially generated by the permittee's operations and facilities; 2) evaluate the effectiveness of existing programs and 3) identify the municipal operations and facilities that will be addressed by the pollution prevention and good housekeeping program, if it's not done already.

| <u>Operation/Activity/Facility</u> | <u>Addressed in SWMP?</u> | | <u>Self-Assessment Operation/Activity/Facility performed within the past 3 years?</u> | |
|---|--------------------------------------|----------------------------------|---|----------------------------------|
| | <input checked="" type="radio"/> Yes | <input type="radio"/> No | <input checked="" type="radio"/> Yes | <input type="radio"/> No |
| Street Maintenance..... | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Bridge Maintenance..... | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Winter Road Maintenance..... | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Salt Storage..... | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Solid Waste Management..... | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| New Municipal Construction and Land Disturbance.. | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Winter Road Maintenance..... | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Right of Way Maintenance..... | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Marine Operations..... | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Hydrologic Habitat Modification..... | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Parks and Open Space..... | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Municipal Building..... | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Stormwater System Maintenance..... | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> |
| Vehicle and Fleet Maintenance..... | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |
| Other..... | <input checked="" type="radio"/> | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> |

MS4 Annual Report Form

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Name of MS4/Coalition:

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| NEW YORK STATE CANAL CORPORATION |
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SPDES ID

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2. Provide the following information about municipal operations good housekeeping programs:

- Parking Lots Swept # Acres

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|
- Streets Swept # Miles

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|
- Catch Basins Inspected and Cleaned Where Necessary #

| | | | | |
|--------------|--|--|--|--|
| BELOW | | | | |
|--------------|--|--|--|--|
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #

| | | | | |
|--|--|--|--|---|
| | | | | 0 |
|--|--|--|--|---|
- Phosphorus Applied In Chemical Fertilizer # Lbs.

| | | | | |
|--|--|--|--|---|
| | | | | 0 |
|--|--|--|--|---|
- Nitrogen Applied In Chemical Fertilizer # Lbs.

| | | | | |
|--|--|--|--|---|
| | | | | 0 |
|--|--|--|--|---|
- Pesticide/Herbicide Applied As Pure Product # Lbs.

| | | | | |
|--------------|--|--|--|--|
| BELOW | | | | |
|--------------|--|--|--|--|

3. How many stormwater management trainings have been provided to municipal employees during this reporting period?

| | | | | |
|--|--|--|--|---|
| | | | | 4 |
|--|--|--|--|---|

4. What was the date of the last training?

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | / | 0 | 3 | / | 2 | 0 | 0 | 8 |
|---|---|---|---|---|---|---|---|---|---|

5. How many municipal employees have been trained in this reporting period?

| | | |
|--|---|---|
| | 2 | 9 |
|--|---|---|

6. What percent of municipal employees in relevant positions and departments receive stormwater management training?

| | | |
|---|---|---|
| 1 | 0 | 0 |
|---|---|---|

 %

Additional Information

#2 Continued - Catchbasins Inspected and Cleaned Where Necessary:
 The NYSCC has approximately 80 catchbasins. NYSCC staff patrol the facilities to confirm the drainage systems are operating properly.

#2 Continued - Pesticide/Herbicide:
 Please refer to the Annual Pesticide Report submitted to DEC prior to February 1 of each year.

#5 Continued - Municipal Employee Training:
 29 NYSCC staff received classroom training. All staff have received some training from supervisors, guidance documents, poster, videos, etc.

MS4 Annual Report Form

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Name of MS4/Coalition

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7. Evaluating/Measuring Progress MCM 6

What indicators do you use to evaluate the overall effectiveness of your Municipal Stormwater Management and Good Housekeeping Program, how long have you been tracking them and at what frequency?

Example*:

Indicator:

| |
|------------------------------------|
| Catch basins inspected and cleaned |
|------------------------------------|

Began Tracking:

| |
|------|
| 2005 |
|------|

(year)

Frequency:

| |
|---------|
| monthly |
|---------|

(ex.: annual, monthly, biweekly)

40 catch basins cleaned

(ex.: samples/participants/events)

Results:

| |
|---|
| In this reporting period scheduled inspections were increased by 50%. Maintenance was performed 50% more often than last year. This resulted in a 40% decrease in deployment of personnel during storm events to perform emergency maintenance. |
|---|

* This indicator is provided as an example only.

Indicator:

| |
|--|
| Revised policies and guidance documents.(Also listed in MCM 3) |
|--|

Began Tracking:

| |
|------|
| 2003 |
|------|

(year)

Frequency:

| |
|--------------|
| As necessary |
|--------------|

(ex.: annual, monthly, biweekly)

6

(ex.: samples/participants/events)

Results:

| |
|---|
| Updated policies help to ensure that staff is following the most up to date management practices which reduce the potential for stormwater pollution. |
|---|

Submit additional pages as needed.

MCM 6

What indicators do you use to evaluate the overall effectiveness of your Illicit Discharge Elimination program, how long have you been tracking them and at what frequency?

Indicator: Annual internal environmental audits (Also listed in MCM 3)

Began Tracking: 2003 **Frequency:** Annually

10 maintenance facilities

Results: This annual inspection is conducted to confirm staff is complying with environmental regulations. Any item or action found not to be in compliance is corrected.

What indicators do you use to evaluate the overall effectiveness of your Municipal Stormwater Management and Good Housekeeping program, how long have you been tracking them and at what frequency?

Indicator: Oil Water Separator Poster (Also listed in MCM 1)

Began Tracking: 2008 **Frequency:** Annually

1 canal facility

Results: Provides a daily reminder to staff for proper maintenance and inspection of oil water separators.

What indicators do you use to evaluate the overall effectiveness of your Municipal Stormwater Management and Good Housekeeping program, how long have you been tracking them and at what frequency?

Indicator: Stenciled all storm drains and maintenance facilities.

Began Tracking: 2007 **Frequency:** As necessary

10

Results: Increase staff and public awareness that catchbasins drain to waterbodies. This will help to reduce mindless dumping of pollutants in the parking lots and catchbasins.

MS4 Annual Report Form

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Name of MS4/Coalition NEW YORK STATE CANAL CORPORATION

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Additional Watershed Improvement Strategy Best Management Practices

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s contributed to this report?

MS4s must answer the questions or check NA as indicated in the table below.

| MS4 Description | Answer | Check NA | (POC) |
|---------------------------------|-----------------------|---------------------|------------------------|
| NYC EOH Watershed | | | |
| Traditional Land Use | 1,2,3,4,5,6,7,8a,8b,9 | 10,11,12 | Phosphorus |
| Traditional Non-Land Use | 1,2,3,4,7,8a,8b,9 | 5,10,11,12 | Phosphorus |
| Non-Traditional | 1,2,7,8a,8b,9 | 3,4,5,10,11,12 | Phosphorus |
| Onondaga Lake Watershed | | | |
| Traditional Land Use | 1,4,6,7,8a,9 | 2,3,5,8b,10,11,12 | Phosphorus |
| Traditional Non-Land Use | 1,4,6,7,8a,9 | 2,3,5,8b,10,11,12 | Phosphorus |
| Non-Traditional | 1,6,7,8a,9 | 2,3,4,5,8b,10,11,12 | Phosphorus |
| Greenwood Lake Watershed | | | |
| Traditional Land Use | 1,6,7,8a,9 | 2,3,4,5,8b,10,11,12 | Phosphorus |
| Traditional Non-Land Use | 1,6,7,8a,9 | 2,3,4,5,8b,10,11,12 | Phosphorus |
| Non-Traditional | 1,6,7,8a,9 | 2,3,4,5,8b,10,11,12 | Phosphorus |
| Oyster Bay | | | |
| Traditional Land Use | 1,4,7,8a,9,10,11,12 | 2,3,5,6,8b | Pathogens |
| Traditional Non-Land Use | 1,4,7,8a,9,10,11,12 | 2,3,5,6,8b | Pathogens |
| Non-Traditional | 1,4,7,8a,9 | 2,3,4,5,8b,10,11,12 | Pathogens |
| Peconic Estuary | | | |
| Traditional Land Use | 1,4,7,8a,9,10,11,12 | 2,3,5,6,8b | Pathogens and Nitrogen |
| Traditional Non-Land Use | 1,4,7,8a,9,10,11,12 | 2,3,5,6,8b | Pathogens and Nitrogen |
| Non-Traditional | 1,4,7,8a,9 | 2,3,4,5,8b,10,11,12 | Pathogens and Nitrogen |

1. Does your MS4/Coalition have an education program addressing impacts of phosphorus/nitrogen/pathogens on waterbodies? Yes No N/A

2. Has 100% of the MS4/Coalition conveyance system been mapped in GIS? Yes No N/A

If N/A, go to question 3.

If No, estimate what percentage of the conveyance system has been mapped so far. %

Estimate what percentage was mapped in this reporting period. %

3. Does your MS4/Coalition have a Stormwater Conveyance System(infrastructure) Inspection and Maintenance Plan Program? Yes No N/A

MS4 Annual Report Form

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4. Estimate the percentage of on-site wastewater treatment systems that have been inspected and maintained or rehabilitated as necessary in this reporting period?

| | | |
|--|--|--|
| | | |
|--|--|--|

 %
5. Has your MS4/Coalition developed a program that provides protection equivalent to the NYS DEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP0-08-001) to reduce pollutants in stormwater runoff from construction activities that disturb five thousand square feet or more? Yes No N/A
6. Has your MS4/Coalition developed a program to address post-construction stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre that provides equivalent protection to the NYS DEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001), including the New York State Stormwater Design Manual Enhanced Phosphorus Removal Standards? Yes No N/A
7. Does your MS4/Coalition have a retrofitting program to reduce erosion or phosphorus/nitrogen/pathogen loading? Yes No N/A
- 8a. Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper fertilizer application on municipally owned lands? Yes No N/A
- 8b. Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper disposal of grass clippings and leaves from municipally owned lands? Yes No N/A
9. Has your MS4/Coalition developed and implemented a program of native planting? Yes No N/A
10. Has your MS4/Coalition enacted a local law prohibiting pet waste on municipal properties and prohibiting goose feeding? Yes No N/A
11. Does your MS4/Coalition have a pet waste bag program? Yes No N/A
12. Does your MS4/Coalition have a program to manage goose populations? Yes No N/A