# MS4 Annual Report Cover Page

MCC form for period ending March 9, 2013

This cover page must be completed by the report preparer. Joint reports require only one cover page.

Choose one:

- **This report is being submitted on behalf of an individual MS4.**
  
  Fill in SPDES ID in upper right hand corner.
  
  **Name of MS4**

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OR

- **This report is being submitted on behalf of a Single Entity**

  (Per Part II.E of GP-0-10-002)

  **Name of Single Entity**

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OR

- **This is a joint report being submitted on behalf of a coalition.**

  Provide SPDES ID of each permitted MS4 included in this report. Use page 2 if needed.

  **Name of Coalition**

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Cover Page 1 of 2
Provide SPDES ID of each permitted MS4 included in this report.

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Indicate whether this MCC form is being submitted to certify endorsement or acceptance of:

- An Annual Report for a single MS4
- A Single Entity (Per Part II.E of GP-0-10-002)
- A Joint Report

Joint reports may be submitted by permittees with legally binding agreements.

If Joint Report, enter coalition name:

Each MS4 must submit an MCC form.

**Section 1 - MCC Identification Page**

MCC form for period ending March 9, 2013

Name of MS4: New York State Canal Corporation

SPDES ID: NYR20A025

MS4 Municipal Compliance Certification (MCC) Form

MCC Page 1
**MS4 Municipal Compliance Certification (MCC) Form**

MCC form for period ending March 9, 2013

Name of MS4: New York State Canal Corporation

SPDES ID: NYR20A025

**Section 2 - Contact Information**

Important Instructions - Please Read

Contact information must be provided for **each** of the following positions as indicated below:

1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)
3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c).
4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
5. Report Preparer (Consultants may provide company name in the space provided).

A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual.

If a new Duly Authorized Representative is signing this report, their contact information must be provided and a signature authorization form, signed by the Principal Executive Officer or Chief Elected Official must be attached.

For each contact, select all that apply:

- Principal Executive Officer/Chief Elected Official
- Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

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<tr>
<th>First Name</th>
<th>MI</th>
<th>Last Name</th>
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<tr>
<td>Michael</td>
<td>A</td>
<td>Shamma, PE</td>
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<tr>
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<tr>
<td>Acting Chief Engineer</td>
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MCC Page 2
Section 2 - Contact Information

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For each contact, select all that apply:

- Principal Executive Officer/Chief Elected Official
- Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

Name of MS4: New York State Canal Corporation

SPDES ID: NYR201025

First Name: Michael
MI: M
Last Name: Monahan

Title: Transportation Analyst

Address: 200 Southern Boulevard

City: Albany
State: NY
Zip: 12209

eMail: mike_monahan@thruway.ny.gov

Phone: (518) 471-5942
County: Albany

MCC Page 2
Section 2 - Contact Information

Important Instructions - Please Read

Contact information must be provided for each of the following positions as indicated below:

1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
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For each contact, select all that apply:

- Principal Executive Officer/Chief Elected Official
- Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

Name of MS4: New York State Canal Corporation

SPDES ID: NYR20A025

First Name: Nadine
MI: R
Last Name: Medina
Title: Project Engineer
Address: 10 Airline Drive, Suite 200
City: Albany
State: NY
Zip: 12205
Email: nmedina@bartonandloguidice.com
Phone: (518) 218-1801
County: Albany
MS4 Municipal Compliance Certification (MCC) Form
MCC form for period ending March 9, 2013

Name of MS4: New York State Canal Corporation
SPDES ID: NY20A025

Section 3 - Partner Information
Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period?
○ Yes  ● No

If Yes, complete information below.
Submit a separate sheet for each partner. Information provided in other formats will not be accepted. If your MS4 cooperated with a coalition, submit one sheet with the name of the coalition. It is not necessary to include a separate sheet for each MS4 in the coalition.

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name

Partner/Coalition Name (con’t.)

SPDES Partner ID - If applicable

Address

City          State          Zip

Phone

Legally Binding Agreement in accordance with GP-0-08-002 Part IV.G?
○ Yes  ○ No

What tasks/responsibilities are shared with this partner (e.g. MM1 School Programs or Multiple Tasks)?
○ MM1
○ MM2
○ MM3
○ MM4
○ MM5
○ MM6

Additional tasks/responsibilities
○ Watershed Improvement Strategy Best Management Practices required for MS4s in impaired watersheds included in GP-0-08-002 Part IX.
MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2013

Name of MS4: New York State Canal Corporation

Section 4 - Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

This form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in GP-0-08-002 Part VI.J.

First Name: Michael MI: A Last Name: Shammas, PE

Title: Acting Chief Engineer

Signature

Date

Send completed form and any attachments to the DEC Central Office at:

MS4 Permit Coordinator
Division of Water
4th Floor
625 Broadway
Albany, New York 12233-3505
# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

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## Water Quality Trends

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

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

How many MS4s are contributed to this report? [ ] [ ] [ ]

1. Has this MS4/Coalition produced any reports documenting water quality trends related to stormwater? If not, answer No and proceed to Minimum Control Measure One.

   - [ ] Yes
   - [x] No

If Yes, choose one of the following:

- [ ] Report(s) attached to the annual report
- [ ] Web Page(s) where report(s) is/are provided below

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

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Water Quality Trends Page 1 of 1
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

Minimum Control Measure 1. Public Education and Outreach

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. Targeted Public Education and Outreach Best Management Practices

Check all topics that were included in Education and Outreach during this reporting period:

○ Construction Sites
● General Stormwater Management Information
○ Household Hazardous Waste Disposal
● Illicit Discharge Detection and Elimination
● Infrastructure Maintenance
○ Smart Growth
● Storm Drain Marking
● Green Infrastructure/Better Site Design/Low Impact Development
● Other:

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Other

2. Specific audiences targeted during this reporting period:

● Public Employees  ○ Contractors
○ Residential  ○ Developers
○ Businesses  ● General Public
○ Restaurants  ○ Industries
● Other:  ○ Agricultural

Includes public Canal users

Other
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

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
○ Direct Mailings
○ Kiosks or Other Displays
○ List-Serves
○ Mailing List
○ Newspaper Ads or Articles
○ Public Events/Presentations
○ School Program
○ TV Spot/Program

● Printed Materials:

Locations (e.g. libraries, town offices, kiosks)

- Locks
- Tug Boat Urger
- State Fair
- Other

- Total # Distributed: 2060

# Trained
# Mailings
# Locations: 28
# In List
# Days Run
# Attendees: 1050
# Attendees: 3605
# Days Run

URL: http://www.canals.ny.gov/corporation/environmental-ad/de.html

URL: www.thruway.ny.gov/environmental/drops/index.html

This report is being submitted for the reporting period ending March 9, 2013
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, **2013**

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

Name of MS4/Coalition: New York State Canal Corporation  
SPDES ID: NYR 20 A 0 2 5

3. **Web Page con't.:** Provide specific web addresses - not home page.

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MS4 Annual Report Form

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Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

NYSCC distributed the kid's stormwater educational materials to students participating in the Urger Program.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

100 "Clean Water, Everyone Can Help" Fact Sheets were distributed. This 2-page document is a fun and informational fact sheet aimed at students grade 3-6 to educate them about the things that we all can do to prevent stormwater pollution from entering waterways. 100 "What is a Watershed" handouts were also provided.

C. How many times was this observation measured or evaluated in this reporting period?

200

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?

Yes  No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes  No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

NYSCC will continue to distribute educational materials to youth attending the Urger Program.
4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

NYSCC continued to host the stormwater web pages for the MS4 program as listed in this report, and made educational materials available to the public through the web pages. The annual report web page was also updated with the 2011-2012 annual report.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

All materials made available on NYSCC’s stormwater web pages are downloadable, and do not need to be requested. The stormwater documents are suitable for all age groups, with some downloads most appropriate for children. Therefore, there is a very broad potential audience. From March 2012-March 2013 there was a total of 227 page views (hits). Of these, 132 were unique page views (total number of unique people who viewed the pages).

C. How many times was this observation measured or evaluated in this reporting period? 227 (ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period? Yes ☐ No ☐

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? Yes ☐ No ☐

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Additional documents will be posted to the web pages, and will include this Annual Report. Number of views will continue to be assessed.
4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

NYSCC continued to present a stormwater pollution prevention lesson as part of the NYSCC's Tugboat Urger program. As part of this lesson, Connect the Drops Children's fact sheets and What is a Watershed fact sheets are distributed.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The Tugboat visits communities along the Canal System where students in fourth grade classes at local schools take field trips to the Tug and participate in hands-on educational sessions. 200 fact sheets and information sheets were distributed as part of the program.

C. How many times was this observation measured or evaluated in this reporting period?

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?

Yes ☐ No ☐

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes ☐ No ☐

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

NYSCC will continue to present the stormwater pollution prevention lesson as part of the Tugboat Urger program and will continue to distribute informational and educational pamphlets and booklets.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR 20A 025

4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

The Stormwater General Permit Maps, to be used as a field reference by NYSCC Staff for the identification of areas of concern/interest in planning routine maintenance activities and daily operations, were available to appropriate staff.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Map layers include the 303(d) impaired waters listed in the GP-0-10-002 permit, TMDL watersheds, Rare Species and Natural Communities, National Register Sites and E and F Soils located within AA or AA-s waters. A printed map book was provided to each of the three Divisions: Buffalo, Syracuse, and Albany. Environmental Services also has the three books. The books are available on the intranet to the Designers and Maintenance forces.

C. How many times was this observation measured or evaluated in this reporting period?

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?

Yes ☐ No ☐

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes ☐ No ☐

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

These maps will be updated as needed and will continue to be available on the intranet.
**4. Evaluating Progress Toward Measurable Goals MCM 1**

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

**A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.**

Measure distribution of "Help Keep the Canal Clean" and the Nutrient brochures to educate canal travelers on pollution prevention.

**B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.**

This reporting year, these brochures were delivered throughout the Canal system and were distributed at the 2012 State Fair.

**C. How many times was this observation measured or evaluated in this reporting period?**

(Ex.: samples/participants/events)

| 1 | 6 | 4 | 0 |

**D. Has your MS4 made progress toward this Measurable Goal during this reporting period?**

○ Yes ○ No

**E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?**

○ Yes ○ No

**F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).**

Brochures will continue to be delivered to the canal system and State Fair during the next reporting period.
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: N Y R 2 0 A 0 2 5

4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

NYSCC provided additional training for field staff regarding the use of best management practices to reduce the potential for discharging pollutants of concern to 303(d) waters or TMDL watersheds.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

NYSCC provided training to field staff, in all divisions, on green infrastructure practices, their field applications, and required maintenance.

C. How many times was this observation measured or evaluated in this reporting period?

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?  

- Yes  ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?  

- Yes  ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Training will continue to be provided.
4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

NYSCC continued to present a stormwater pollution prevention lesson as part of the NYSCC's Tugboat Urger program. As part of this lesson, Connect the Drops Children's fact sheets and What is a Watershed fact sheets are distributed.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The pollution prevention lesson educates students, teachers and parents. 3605 students from 33 school districts attended. The Tugboat visits communities along the Canal System where students in fourth grade classes at local schools take field trips to the Tugboat and participate in shore side hands-on educational sessions.

C. How many times was this observation measured or evaluated in this reporting period?

3 6 0 5

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?
   ● Yes  ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
   ● Yes  ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

NYSCC will continue to present the stormwater pollution prevention lesson as part of the Tugboat Urger program and will continue to distribute informational and educational pamphlets and booklets.
4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

NYSCC provided access to Environmental Reminder Cards for NYSCC staff. Environmental Reminder Cards are a reference card provided to NYSCC staff to remind them of environmental best management practices and considerations pertaining to their specific responsibilities.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

These include Environmental Awareness Items (self-audit checklist) and different reminder cards pertaining to activities such as Vehicle Washing, Ditch Cleaning, Stream Protection, etc. The collection of reminder cards was updated during the previous reporting period and distributed during this reporting period. The collection contains 41 cards.

C. How many times was this observation measured or evaluated in this reporting period? 41

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period? Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

NYSCC will continue to make these available to staff and will update or add to the list of cards as necessary.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR 20 A 0 2 5

Minimum Control Measure 2. Public Involvement/Participation

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. What opportunities were provided for public participation in implementation, development, evaluation and improvement of the Stormwater Management Program (SWMP) Plan during this reporting period? Check all that apply:

- Cleanup Events
- Comments on SWMP Received
- Community Hotlines
- Community Meetings
- Plantings
- Storm Drain Markings
- Stakeholder Meetings
- Volunteer Monitoring
- Other:

<table>
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<tr>
<th>Opportunity</th>
<th># Events</th>
<th># Comments</th>
<th>Phone #</th>
<th>Phone #</th>
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<td>Comments on SWMP Received</td>
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<td>Volunteer Monitoring</td>
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<td>Other:</td>
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</table>

2. Was public notice of availability of this annual report and Stormwater Management Program (SWMP) Plan provided?

- Yes  ○ No

List-Serve  ○ Yes  ○ No
Newspaper Advertising  ○ Yes  ○ No
TV/Radio Notices  ○ Yes  ○ No
Other: Environmental News Bulletin

Web Page URL: Enter URL(s) on the following two pages.
## MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013. If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

<table>
<thead>
<tr>
<th>Name of MS4/Coalition</th>
<th>New York State Canal Corporation</th>
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</thead>
<tbody>
<tr>
<td>SPDES ID</td>
<td>NYR20A025</td>
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### 2. URL(s) con't.:
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<td></td>
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<tr>
<td>/ms4s.html</td>
<td></td>
</tr>
</tbody>
</table>
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

2. URL(s) con't.:  
Please provide specific address(es) where notices can be accessed - not home page.

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition Office: New York State Canal Corporation

SPDES ID: NYR20A025

3. Where can the public access copies of this 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
  - Department: Environmental Services Bureau
  - Address: 2000 Southern Boulevard
  - City: Albany
  - Zip: NY 12209
  - Phone: (518) 471-5942

- Library
  - Address: 
  - City: 
  - Zip: 
  - Phone: 

- Other
  - Address: 
  - City: 
  - Zip: 
  - Phone: 

Web Page URL: http://www.thruway.ny.gov/about/environmental/ms4/index.html

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

- eMail
  - ms4arcanales@canals.ny.gov

- Comments

MCM 2 Page 4 of 6
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

4.a. If this report was made available on the internet, what date was it posted?
Leave blank if this report was not posted on the internet.

05/31/2013

4.b. For how many days was/will this report be posted?

365

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?

If Yes, what was the date of the meeting?

If No, is one planned?

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

If No, is one planned for each?

6. Were comments received during this reporting period?

If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR 20 A 02 5

7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Continued to present a stormwater pollution prevention lesson as part of the NYSCC's Tugboat Urger program.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The pollution prevention lesson educates students, teachers and parents. 3605 students from 33 school districts attended. The Tugboat visits communities along the Canal System where students in fourth grade classes at local schools take field trips to the Tugboat and participate in shore side hands-on educational sessions.

C. How many times was this observation measured or evaluated in this reporting period? 3 6 0 5 (ex. samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period? ○ Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? ○ Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

NYSCC will continue to present the stormwater pollution prevention lesson as part of the Tugboat Urger program.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Continued to provide educational materials and discuss pollution prevention with the public at Canal events and at the New York State Fair.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

"Connect the Drops - Help Keep the Canal Clean" pamphlets were distributed at Canal events and the State Fair. This includes photos depicting illicit discharges, tips on proper vessel operation and maintenance, and pollutant sources and impacts to surface waters. Stormwater Pollution Prevention pamphlets were provided to Canal Welcome Centers. This brochure educates public on illegal dumping, littering of trash and cigarettes, car washing, boat washing, pet waste, oil dumping, etc.

C. How many times was this observation measured or evaluated in this reporting period? (ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?
   ● Yes  ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
   ● Yes  ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The NYSCC will continue to provide an MS4 program representative and educational materials at events during the next reporting period.
7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Canal Clean Sweep Events are hosted by communities and organizations and are held annually to clean up the shores and trails of the canal. The NYSCC provides garbage bags and promotional materials such as tee shirts, water bottles, and magnets. The stormwater educational brochures and children activity booklets are also provided to the volunteers.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The Canal Clean Sweep events promote public participation in keeping the Canal trails clean. Over 85 Clean Sweet events were held, and more than 1,000 volunteers participated.

C. How many times was this observation measured or evaluated in this reporting period?

1000

D. Has your MS4 made progress toward this measurable goal during this reporting period?

- Yes  - No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

- Yes  - No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The NYSCC will continue to promote the annual Clean Sweep events.
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: N Y R 2 0 A 0 2 5

**Minimum Control Measure 3. Illicit Discharge Detection and Elimination**

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. Enter the number and approx. percent of outfalls mapped: [ ] 39 # 100%

2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)? [ ] 17

3.a. What types of generating sites/sewersheds were targeted for inspection during this reporting period?

- Auto Recyclers
- Building Maintenance
- Churches
- Commercial Carwashes
- Commercial Laundry/Dry Cleaners
- Construction Vehicle Washouts
- Cross-Connections
- Distribution Centers
- Food Processing Facilities
- Garbage Truck Washouts
- Hospitals
- Improper RV Waste Disposal
- Industrial Process Water
- Other:

- Landscaping (Irrigation)
- Marinas
- Metal Plateing Operations
- Outdoor Fluid Storage
- Parking Lot Maintenance
- Printing
- Residential Carwashing
- Restaurants
- Schools and Universities
- Septic Maintenance
- Swimming Pools
- Vehicle Fueling
- Vehicle Maint./Repair Shops
- None

- Dry Docks

- Sewersheds:

MCM 3 Page 1 of 4
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR 20 A 025

3.b. What types of illicit discharges have been found during this reporting period?

- Broken Lines From Sanitary Sewer
- Cross Connections
- Failing Septic Systems
- Floor Drains Connected To Storm Sewers
- Illegal Dumping
- Other: 

4. How many illicit discharges/potential illegal connections have been detected during this reporting period?

5. How many illicit discharges have been confirmed during this reporting period?

6. How many illicit discharges/illegal connections have been eliminated during this reporting period?

7. Has the storm sewershed mapping been completed in this reporting period?
   - No
   - Yes
   - %

8. Is the above information available in GIS?
   - No
   - Yes

   Is this information available on the web?
   - No
   - Yes

   If Yes, provide URL(s):

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

   URL
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

8. URL(s) con’t.: Please provide specific address of page where map(s) can be accessed - not home page

9. Has an IDDE law been adopted for each traditional MS4 and/or have IDDE procedures been approved for all non-traditional MS4s contributing to this report?  ● Yes  ○ No

10. If Yes, has every traditional MS4 contributing to this report certified that this law is equivalent to the NYS Model IDDE Law?  ○ Yes  ○ No  ● NT

11. What percent of staff in relevant positions and departments has received IDDE training?  

0 %
12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Good Housekeeping Pollution Prevention posters are displayed at all 10 NYSCC maintenance facilities. These posters were developed by NYSCC to provide specific examples of best management practices that should be used by NYSCC staff during their daily operations and some typical examples of illicit discharges to watch for during their daily operations.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The posters include practices for vessel operation and maintenance, dry dock operations, hazardous waste storage, waste product storage and disposal, vehicle and equipment wash water, chemical and vehicle fluid spills and leaks, and illicit discharge reporting. Photos of proper and improper practices, as well as example illicit discharges are also provided on the poster.

C. How many times was this observation measured or evaluated in this reporting period? [ ] 10

D. Has your MS4 made progress toward this measurable goal during this reporting period? ○ Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? ○ Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

NYSCC will continue to display the pollution prevention posters and make them available as needed. They will be updated if practices change.
12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

In October 2012, a stormwater consultant performed another round of inspections on NYSCC outfalls.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Inspections were performed for 17 out of the 39 outfalls. This represents 43% of existing outfalls. Of these, none were observed to represent conditions that potentially indicate the presence of an illicit discharge. Inspection results have been added to the existing GIS database.

C. How many times was this observation measured or evaluated in this reporting period? 17

D. Has your MS4 made progress toward this measurable goal during this reporting period? Yes

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? Yes

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

During MS4 reporting Year 11, NYSCC will hire a consultant to perform inspections on additional NYSCC outfalls.
**12. Evaluating Progress Toward Measurable Goals MCM 3**

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

**A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.**

An Oil Water Separator (OWS) proper use and maintenance poster is displayed at the one (1) location that utilizes an OWS. The poster serves to remind staff, on a daily basis, of the proper protocols for maintenance and inspection of oil water separators.

**B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.**

The poster is displayed in a pertinent location and provides information on the purpose of the separator. It also identifies practices related to oil dumping (do not dump into OWS), detergents and degreasers, accidental product release into an OWS, and inspections and maintenance. Additionally, the poster includes a diagram of an OWS for reference.

**C. How many times was this observation measured or evaluated in this reporting period?**

1

(ex: samples/participants/events)

**D. Has your MS4 made progress toward this measurable goal during this reporting period?**

- Yes
- No

**E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?**

- Yes
- No

**F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).**

NYSCC will continue to display the poster during the next reporting cycle. The poster will be updated as needed.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Annual internal environmental audits are conducted at the 10 Canal facilities to evaluate the NYSCC facilities and operations for environmental compliance.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

This annual inspection is conducted to confirm that facilities and staff are in compliance with environmental regulations. Any item or action found not to be in compliance is corrected.

C. How many times was this observation measured or evaluated in this reporting period?

10

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes  No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes  No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Internal environmental audits are conducted annually and will continue in MS4 reporting Year 10.

MCM 3 Page 4 of 4
12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

The Stormwater General Permit Maps, to be used as a field reference by NYSCC staff for the identification of areas of concern/interest in planning routine maintenance activities and daily operations, were available to appropriate staff.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Map layers include the 303(d) impaired waters listed in the GP-0-10-002 permit, TMDL watersheds, Rare Species and Natural Communities, National Register Sites and E and F Soils located within AA or AA-s waters. A printed map book was distributed to each of the three Divisions: Buffalo, Syracuse, and Albany. Environmental Services also has the three books. The books are also available on the intranet to the Designers and Maintenance forces.

C. How many times was this observation measured or evaluated in this reporting period?

D. Has your MS4 made progress toward this measurable goal during this reporting period?

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

These maps will be updated as needed and will continue to be made available.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

NYSCC provided access to Environmental Reminder Cards for NYSCC staff. Environmental Reminder Cards are a reference card provided to NYSCC staff to remind them of environmental best management practices and considerations pertaining to their specific responsibilities.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

These include Environmental Awareness Items (self-audit checklist) and different reminder cards pertaining to activities such as Vehicle Washing, Ditch Cleaning, Stream Protection, etc. The collection of reminder cards was updated during the reporting period. The collection contains 41 cards.

C. How many times was this observation measured or evaluated in this reporting period?

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes  No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes  No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

NYSCC will continue to make these available to staff and will update or add to the list of cards as necessary.

MCM 3 Page 4 of 4
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

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? [ ] [ ] [ ]

1a. Has each MS4 contributing to this report adopted a law, ordinance or other regulatory
mechanism that provides equivalent protection to the NYS SPDES General Permit for
Stormwater Discharges from Construction Activities?
 ○ Yes ○ No

1b. Has each Town, City and/or Village contributing to this report documented that the law is
equivalent to a NYSDEC Sample Local Law for Stormwater Management and Erosion and
Sediment Control through either an attorney certification or using the NYSDEC Gap
Analysis Workbook?
 ○ Yes ○ No ○ NT

If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law.
 ○ 09/2004 ○ 03/2006 ○ NT

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?

[ ] [ ] [ ]

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

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

[ ] [ ] [ ]

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:

<table>
<thead>
<tr>
<th>Type</th>
<th>No Authority</th>
<th>Action Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notices of Violation</td>
<td></td>
<td>#</td>
</tr>
<tr>
<td>Stop Work Orders</td>
<td>●</td>
<td>0</td>
</tr>
<tr>
<td>Criminal Actions</td>
<td>●</td>
<td>0</td>
</tr>
<tr>
<td>Termination of Contracts</td>
<td>●</td>
<td>0</td>
</tr>
<tr>
<td>Administrative Fines</td>
<td>●</td>
<td>0</td>
</tr>
<tr>
<td>Civil Penalties</td>
<td>●</td>
<td>0</td>
</tr>
<tr>
<td>Administrative Orders</td>
<td>●</td>
<td>0</td>
</tr>
<tr>
<td>Enforcement Actions or Sanctions</td>
<td>●</td>
<td>0</td>
</tr>
<tr>
<td>Other</td>
<td>○</td>
<td></td>
</tr>
</tbody>
</table>
**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?

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

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

3. What percent of active construction sites were inspected during this reporting period?  
   - No
   - Yes

4. What percent of active construction sites were inspected more than once?  
   - No
   - Yes

5. Do all inspectors working on behalf of the MS4s contributing to this report use the NYS Construction Stormwater Inspection Manual?  
   - No
   - Yes

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?  
   - No
   - Yes

If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for public review?  
   - No
   - Yes

If Yes, use the following page to identify location(s) where SWPPPs can be accessed.
6. con't.:
Submit additional pages as needed.

- MS4/Coalition Office
  Department
  Environmental Services Bureau
  Address
  200 Southern Boulevard
  City
  Albany
  Zip
  NY 12209
  Phone
  (518) 471-5942

- 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
7. Evaluating Progress Toward Measurable Goals MCM 4

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Maintain a thorough SWPPP design, review, and oversight process. All SWPPP development is coordinated through a licensed professional engineer in the Office of Design. The completed SWPPPs then receive a quality control review by the Environmental Services Bureau. Once approved, the Chief Engineer signs off on the SWPPP.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

NYSCC's thorough review and oversight process ensures the correct controls are being selected and properly maintained. NYSCC has not had to issue any stop work orders or terminate contracts due to improper installation or maintenance of controls. Eight projects were reviewed this reporting year.

C. How many times was this observation measured or evaluated in this reporting period?

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

• Yes  ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

• Yes  ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

NYSCC will continue to implement their thorough review process.
7. Evaluating Progress Toward Measurable Goals MCM 4

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

The Stormwater General Permit Maps, to be used as a field reference by NYSCC staff for the identification of areas of concern/interest in planning routine maintenance activities and daily operations, were available to appropriate staff.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Map layers include the 303(d) impaired waters listed in the GP-0-10-002 permit, TMDL watersheds, Rare Species and Natural Communities, National Register Sites and E and F Soils located within AA or AA-s waters. A printed map book was distributed to each of the three Divisions: Buffalo, Syracuse, and Albany. Environmental Services also has the three books also. The books are also available on the intranet to the Designers and Maintenance forces.

C. How many times was this observation measured or evaluated in this reporting period? 6

D. Has your MS4 made progress toward this measurable goal during this reporting period? Yes No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? Yes No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

These maps will be updated as needed and will continue to be made available.

MCM 4 Page 3 of 3
**Minimum Control Measure 5. Post-Construction Stormwater Management**

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. **How many and what type of post-construction stormwater management practices has your MS4/Coalition inventoried, inspected and maintained in this reporting period?**

<table>
<thead>
<tr>
<th># Inventoried</th>
<th># Inspections</th>
<th># Times Maintained</th>
</tr>
</thead>
<tbody>
<tr>
<td>○ Alternative Practices</td>
<td></td>
<td></td>
</tr>
<tr>
<td>○ Filter Systems</td>
<td></td>
<td></td>
</tr>
<tr>
<td>○ Infiltration Basins</td>
<td></td>
<td></td>
</tr>
<tr>
<td>● Open Channels</td>
<td>1</td>
<td>8</td>
</tr>
<tr>
<td>○ Ponds</td>
<td></td>
<td></td>
</tr>
<tr>
<td>○ Wetlands</td>
<td></td>
<td></td>
</tr>
<tr>
<td>○ Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. **Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance?**  

- Yes  ○ No

3. **What types of non-structural practices have been used to implement Low Impact Development/Better Site Design/Green Infrastructure principles?**

- Building Codes  ○ Municipal Comprehensive Plans  
- Overlay Districts  ○ Open Space Preservation Program  
- Zoning  ○ Local Law or Ordinance  
- None  ○ Land Use Regulation/Zoning  
- Watershed Plans  ○ Other Comprehensive Plan  
- Other: [ ]

This report is being submitted for the reporting period ending March 9, 2013.
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort?

- Yes  [ ]
- No  [ ]

4b. Does the MS4 have a banking and credit system for stormwater management practices?

- Yes  [ ]
- No  [ ]

4c. Do the SWMP Plans for each MS4 contributing to this report include a protocol for evaluation and approval of banking and credit of alternative siting of a stormwater management practice?

- Yes  [ ]
- No  [ ]

4d. How many stormwater management practices have been implemented as part of this system in this reporting period?

[ ] 0

5. What percent of municipal officials/MS4 staff responsible for program implementation attended training on Low Impact Development (LID), Better Site Design (BSD) and other Green Infrastructure principles in this reporting period?

[ ] 20%

MCM 5 Page 2 of 3
6. Evaluating Progress Toward Measurable Goals MCM 5

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

NYSCC kept available its draft Long Term Operations and Maintenance Plan for post construction controls.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

This manual provides maintenance personnel guidance on the proper inspection and maintenance procedures for the stormwater controls owned by NYSCC. This was distributed in the Spring of 2011 to the Utica Canal Section, as it's the only section with permanent stormwater controls.

C. How many times was this observation measured or evaluated in this reporting period?

1
(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

- Yes  ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

- Yes  ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The manual will be updated as needed, and additional copies will be provided to maintenance personnel upon request.
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2013.

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Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

6. Evaluating Progress Toward Measurable Goals MCM 5

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Continued to implement a review process for permanent stormwater controls designs.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The review process ensures that post-construction control designs, whether developed by NYSCC or an outside contractor, are in compliance with the General Permit. Seven SWPPPs were reviewed during this reporting period, however none contained permanent stormwater controls.

C. How many times was this observation measured or evaluated in this reporting period?

0 (ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes ☐ No ☐

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes ☐ No ☐

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

NYSCC will continue to implement this process during the next report cycle.

MCM 5 Page 3 of 3
6. Evaluating Progress Toward Measurable Goals MCM 5

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Recognizing the importance of green infrastructure, and confirming NYSTA's commitment to promote green practices, NYSTA voluntarily hired a consultant to evaluate retrofit opportunities within the Thruway system.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Green infrastructure practices were evaluated for implementation potential at Canal Trails and Welcome Centers. Specific suggestions were provided for each general condition and included, rooftop disconnection, green roofs, permeable pavement, structural grass, rain gardens, tree pits, filter strips and more. In total, 8 suggestions were provided along with descriptions, maintenance needs, and approximate costs.

C. How many times was this observation measured or evaluated in this reporting period?

(ex.: samples/participants/events) 8

D. Has your MS4 made progress toward this measurable goal during this reporting period?

• Yes  ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

• Yes  ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Additional retrofit opportunities will continue to be explored, and will be implemented as determined feasible.
MS4 Annual Report Form
This report is being submitted for the reporting period ending March 9, 2013.
If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: New York State Canal Corporation
SPDES ID: NYR20A025

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.

<table>
<thead>
<tr>
<th>Operation/Activity/Facility</th>
<th>Addressed in SWMP?</th>
<th>Self-Assessment performed within the past 3 years?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Maintenance</td>
<td>● Yes</td>
<td>● Yes</td>
</tr>
<tr>
<td>Bridge Maintenance</td>
<td>○ Yes</td>
<td>○ Yes</td>
</tr>
<tr>
<td>Winter Road Maintenance</td>
<td>● Yes</td>
<td>● Yes</td>
</tr>
<tr>
<td>Salt Storage</td>
<td>● Yes</td>
<td>● Yes</td>
</tr>
<tr>
<td>Solid Waste Management</td>
<td>● Yes</td>
<td>● Yes</td>
</tr>
<tr>
<td>New Municipal Construction and Land Disturbance</td>
<td>○ Yes</td>
<td>○ Yes</td>
</tr>
<tr>
<td>Right of Way Maintenance</td>
<td>○ Yes</td>
<td>○ Yes</td>
</tr>
<tr>
<td>Marine Operations</td>
<td>● Yes</td>
<td>● Yes</td>
</tr>
<tr>
<td>Hydrologic Habitat Modification</td>
<td>○ Yes</td>
<td>○ Yes</td>
</tr>
<tr>
<td>Parks and Open Space</td>
<td>● Yes</td>
<td>● Yes</td>
</tr>
<tr>
<td>Municipal Building</td>
<td>○ Yes</td>
<td>○ Yes</td>
</tr>
<tr>
<td>Stormwater System Maintenance</td>
<td>○ Yes</td>
<td>○ Yes</td>
</tr>
<tr>
<td>Vehicle and Fleet Maintenance</td>
<td>● Yes</td>
<td>● Yes</td>
</tr>
<tr>
<td>Other</td>
<td>○ Yes</td>
<td>○ Yes</td>
</tr>
</tbody>
</table>

MCM 6 Page 1 of 3
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation  
SPDES ID: NYR20A025

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

- Parking Lots Swept (Number of acres X Number of times swept)  
- Streets Swept (Number of miles X Number of times swept)  
- Catch Basins Inspected and Cleaned Where Necessary  
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary

- Phosphorus Applied In Chemical Fertilizer
- Nitrogen Applied In Chemical Fertilizer
- Pesticide/Herbicide Applied
  (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.)

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

4. **What was the date of the last training?**  
   02/27/2013

5. **How many municipal employees have been trained in this reporting period?**  
   57

6. **What percent of municipal employees in relevant positions and departments receive stormwater management training?**  
   13%
MS4 Annual Report Form

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Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Annual internal environmental audits are conducted at the 10 Canal facilities to evaluate the NYSCC facilities and operations for environmental compliance. These are conducted by each division.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

This annual inspection is conducted to confirm facilities and staff are in compliance with environmental regulations. Any item or action found not to be in compliance is corrected.

C. How many times was this observation measured or evaluated in this reporting period? (ex.: samples/participants/events)

10

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes  No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes  No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Internal environmental audits are conducted annually to confirm staff is complying with environmental regulations.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

An Oil Water Separator (OWS) proper use and maintenance poster is displayed at the one (1) NYSCC facility that has an OWS. This poster serves to remind staff, on a daily basis, of the proper protocols for maintenance and inspection of oil water separators.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

The posters is displayed in a pertinent location and provides information on the purpose of the separators. It also identifies practices related to oil dumping (do not dump into OWS), detergents and degreasers, accidental product release into an OWS, and inspections and maintenance. Additionally, the poster includes a diagram of an OWS for reference.

C. How many times was this observation measured or evaluated in this reporting period? 1

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period? Yes  ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? Yes  ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

NYSCC will continue to display the poster during the next reporting cycle. The poster will be updated as needed.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR 20A025

7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

The Stormwater General Permit Maps, to be used as a field reference by NYSCC staff for the identification of areas of concern/interest in planning routine maintenance activities and daily operations, were distributed to appropriate staff.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Map layers include the 303(d) impaired waters listed in the GP-0-10-002 permit, TMDL watersheds, Rare Species and Natural Communities, National Register Sites and E and F Soils located within AA or AA-s waters. A printed map book was distributed to each of the three Divisions: Buffalo, Syracuse, and Albany. Environmental Services also has the three books. The books are available on the intranet to the Designers and Maintenance forces.

C. How many times was this observation measured or evaluated in this reporting period?

6

(ex: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

Yes

No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes

No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

These maps will be updated as needed and will continue to be made available.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

NYSCC provided additional training for field staff regarding the use of best management practices to reduce the potential for discharging pollutants of concern to 303(d) waters or TMDL watersheds.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

NYSCC provided training to field staff, in all divisions, on green infrastructure practices, their field applications, and required maintenance.

C. How many times was this observation measured or evaluated in this reporting period?

5 7

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?  ○ Yes  ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?  ○ Yes  ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Training will continue to be provided.
MS4 Annual Report Form
This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

NYSCC provided access to Environmental Reminder Cards for NYSCC staff. Environmental Reminder Cards are a reference card provided to NYSCC staff to remind them of environmental best management practices and considerations pertaining to their specific responsibilities.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

These include Environmental Awareness Items (self-audit checklist) and different reminder cards pertaining to activities such as Vehicle Washing, Ditch Cleaning, Stream Protection, etc. The collection of reminder cards was updated during the reporting period. The collection contains 41 cards.

C. How many times was this observation measured or evaluated in this reporting period?

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

NYSCC will continue to make these available to staff and will update or add to the list of cards as necessary.
# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: N Y R 2 0 A 0 2 5

## 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.

<table>
<thead>
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<td>5,6,8a,8b,10,11,12</td>
<td>Pathogens</td>
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</tbody>
</table>

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.  

%  

%
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2013.

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

Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

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

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 NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001) 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

7a. Does your MS4/Coalition have a retrofitting program to reduce erosion or phosphorus/nitrogen/pathogen loading?
   - Yes
   - No
   - N/A

7b. How many projects have been sited in this reporting period?
   - 0

7c. What percent of the projects included in 7b have been completed in this reporting period?
   - 0%

7d. What percent of projects planned in previous years have been completed?
   - 0%
   - No Projects Planned

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
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013.

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Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR 20 A 025

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