MS4 Annual Report Cover Page
MCC form for period ending March 9, 2014

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

NY State Canal Corporation

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

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

SPDES ID

NYR20A

SPDES ID

NYR20A

SPDES ID

NYR20A

SPDES ID

NYR20A

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

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</table>
Each MS4 must submit an MCC form.

**Section 1 - MCC Identification Page**

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:  

```

```
**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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<thead>
<tr>
<th>First Name</th>
<th>MI</th>
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<tr>
<td>Michael</td>
<td>A</td>
<td>Shamma, PE</td>
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<tr>
<th>Title</th>
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<tr>
<td>Chief Engineer</td>
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<table>
<thead>
<tr>
<th>Address</th>
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<tbody>
<tr>
<td>200 Southern Boulevard</td>
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<tr>
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<tr>
<td>(518) 436-3910</td>
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**Important Instructions - Please Read**

- Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)

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.
MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2014

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

<table>
<thead>
<tr>
<th>First Name</th>
<th>MI</th>
<th>Last Name</th>
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<tr>
<td>Michael</td>
<td></td>
<td>Monahan</td>
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</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>Transportation Analyst</th>
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<tbody>
<tr>
<td><a href="mailto:mike_monahan@thruway.ny.gov">mike_monahan@thruway.ny.gov</a></td>
<td>(518) 471-5942</td>
</tr>
</tbody>
</table>

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).
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).
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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

First Name: Nadine
MI: R
Last Name: Medina
Title: Project Engineer
Address: 10 Airline Drive, Suite 200
City: Albany
State: NY
Zip: 12205
Phone: (518) 218-1801
eMail: nmedina@bartonandloguidice.com

Name of MS4: New York State Canal Corporation
SPDES ID: NYR20A025
## MS4 Municipal Compliance Certification (MCC) Form

### MCC form for period ending March 9, 2014

**Name of MS4**: New York State Canal Corporation

<table>
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### 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

<table>
<thead>
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<th>Parks and Trails New York</th>
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<tr>
<th>Partner/Coalition Name (con’t.)</th>
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<tr>
<th>Address</th>
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| 29 Elk Street                  |

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<th>City</th>
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| Albany                         |

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<tr>
<th>State Zip</th>
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| NY 12207 -                     |

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<tr>
<th>eMail</th>
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| canalsweep@ptny.org            |

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<tr>
<th>Phone</th>
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| (518) 434 - 1583               |

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: Co-sponsor Canal Clean Sweep
- [ ] 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.
**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.

<table>
<thead>
<tr>
<th>Partner/Coalition Name</th>
<th>SPDES Partner ID - If applicable</th>
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<tbody>
<tr>
<td>625 Broadway</td>
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<tr>
<th>Phone</th>
<th>Legally Binding Agreement in accordance with GP-0-08-002 Part IV.G?</th>
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</thead>
</table>
| (518) 402-6954 | [ ] Yes  
- [ ] No |

What tasks/responsibilities are shared with this partner (e.g. MM1 School Programs or Multiple Tasks)?

- [ ] MM1
- [X] 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.
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.

Name of MS4: New York State Canal Corporation

First Name: Michael
MI: A
Last Name: Shammas, PE
Title: 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, 2014.
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

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   ○ 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.

URL

URL

URL

URL

URL

Water Quality Trends Page 1 of 1
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2014.

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
- [x] 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:

   Nutrients

   Other

2. Specific audiences targeted during this reporting period:

- [ ] Public Employees
- [ ] Contractors
- [ ] Residential
- [ ] Developers
- [ ] Businesses
- [ ] General Public
- [ ] Restaurants
- [ ] Industries
- [ ] Other:

   Includes public Canal users

   Other
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2014.

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

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<thead>
<tr>
<th>Name of MS4/Coalition</th>
<th>New York State Canal Corporation</th>
<th>SPDES ID</th>
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<td>NYR20A025</td>
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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
- 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
    - Tugboat Urgery
    - State Fair
  - Other:
  - Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

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<th># Trained</th>
<th># Mailings</th>
<th># Locations</th>
<th># In List</th>
<th># Days Run</th>
<th># Attendees</th>
<th># Days Run</th>
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<td>Total # Distributed</td>
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URL

http://www.canals.ny.gov/corporation/environmental awareness/environmental-add.html

URL

www.thruway.ny.gov/environmental/drops/index.html
MS4 Annual Report Form
This report is being submitted for the reporting period ending March 9, 2014.

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

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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.

200 "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. 200 "What is a Watershed" handouts were also provided.

C. How many times was this observation measured or evaluated in this reporting period? 400

(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.
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2014.

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. 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. Fifty sets were distributed during the reporting period.

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

50

(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.
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 Urges 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. 3665 students from 51 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 | 6 | 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 Urges 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.

Measure distribution of "Help Keep the Canal Clean" and the "What is a Watershed" brochures and fact sheets 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 2013 State Fair.

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

300

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, 2014.

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. 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 maintained at 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 available on the intranet.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2014.

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. 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. 400 stormwater fact sheets and watershed information sheets were distributed as part of the program.

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

400

(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.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2014.

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 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 2012-2013 annual report. NYSCC also posts stormwater educational materials (maintenance directives (MD) for employees) on the intranet.

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

Materials made available on the NYSCC stormwater web pages are downloadable and suitable for all age groups, with some downloads most appropriate for children. From March 2013-Jan 2014 there was a total of 123 page views (hits). Of these, 95 were unique page views (total number of unique people who viewed the pages). In January, the pages were consolidated to one main webpage that received 93 hits (49 unique view) from Jan-March 2014.

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

2 1 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).

Additional documents will be posted to the web pages, and will include this Annual Report. Number of views will continue to be assessed.
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2014.

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

**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

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- [ ] # Events  
- [ ] # Comments

- [ ] Community Meetings  
- [ ] Plantings  
- [ ] Storm Drain Markings  
- [ ] Stakeholder Meetings  
- [ ] Volunteer Monitoring  
- [ ] Other:

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

   - [ ] Yes  
   - [ ] No

- [ ] List-Serve  
- [ ] Newspaper Advertising  
- [ ] TV/Radio Notices

- [ ] 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, 2014.

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 notice(s) can be accessed - not home page.

URL
www.nyshruway.gov/environmental
/ms4s.html

URL

URL

URL

URL

MCM 2 Page 2 of 6
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2014.

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: NY20A025

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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, 2014.

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: NY R 2 0 A 0 2 5

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
  - Environmental Services Bureau
  - Address: 200 Southern Boulevard
  - City: Albany
  - Zip: NY 12209
  - Phone: (518) 436-3190

- 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: ms4archcanals@canals.ny.gov

- Comments
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2014.

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.
   Yes / No

4.b. For how many days was/will this report be posted?
   Yes / No

5.a. Was an Annual Report public meeting held in this reporting period?
   Yes / No

5.b. Was an Annual Report public meeting held for all MS4s contributing to this report during this reporting period?
   Yes / No

6. 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.
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. 3665 students from 51 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 6 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, 2014.

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.

The NYS Canal Corporation, in partnership with Parks & Trails New York, planned the 2013 Canal Clean Sweep in recognition of Earth Day. As in previous years, the NYS Environmental Facilities Corporation also sponsored the event.

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. 95 Clean Sweep events were held, and more than 300 volunteers participated.

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

300 (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 promote the annual Clean Sweep events.
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 the State Fair. This includes photos depicting illicit discharges, tips on proper vessel operation and maintenance, and pollutant sources and impacts to surface waters. "What is a Watershed" sheets were also distributed at the State Fair. Stormwater Pollution Prevention pamphlets were provided to Canal Welcome Centers, educating the public on illegal dumping, littering, car washing, boat washing, pet waste, etc.

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

(Ex.: samples/participants/events)

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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.
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2014.

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

**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)? [ ] [ ] 0

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

- Auto Recyclers
- Landscaping (Irrigation)
- Building Maintenance
- Marinas
- Churches
- Metal Plateing Operations
- Commercial Carwashes
- Outdoor Fluid Storage
- Commercial Laundry/Dry Cleaners
- Parking Lot Maintenance
- Construction Vehicle Washouts
- Printing
- Cross-Connections
- Residential Carwashing
- Distribution Centers
- Restaurants
- Food Processing Facilities
- Schools and Universities
- Garbage Truck Washouts
- Septic Maintenance
- Hospitals
- Swimming Pools
- Improper RV Waste Disposal
- Vehicle Fueling
- Industrial Process Water
- Vehicle Maint./Repair Shops
- Other:
  - None
  - Dry Docks

- Sewersheds:
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: None

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?
   - Yes
   - No

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

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

   If Yes, provide URL(s):

   Please provide specific address of page where map(s) can be accessed - not home page.
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2014.

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

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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.
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, **2014**

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. Fifty sets were distributed during the reporting period.

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

| 50 |

(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.
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 maintained at 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? 

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.
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

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).

Internal environmental audits will continue to be conducted annually.
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, 2014.

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

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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?

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>Enforcement Action</th>
<th>Number of Actions</th>
<th>Authority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notices of Violation</td>
<td></td>
<td>No Authority</td>
</tr>
<tr>
<td>Stop Work Orders</td>
<td># 0</td>
<td>No Authority</td>
</tr>
<tr>
<td>Criminal Actions</td>
<td></td>
<td>No Authority</td>
</tr>
<tr>
<td>Termination of Contracts</td>
<td># 0</td>
<td>No Authority</td>
</tr>
<tr>
<td>Administrative Fines</td>
<td></td>
<td>No Authority</td>
</tr>
<tr>
<td>Civil Penalties</td>
<td></td>
<td>No Authority</td>
</tr>
<tr>
<td>Administrative Orders</td>
<td></td>
<td>No Authority</td>
</tr>
<tr>
<td>Enforcement Actions or Sanctions</td>
<td># 0</td>
<td>No Authority</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td>No Authority</td>
</tr>
</tbody>
</table>
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2014
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 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? ● NT 

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

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

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 ● NT

If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for public review?

If Yes, use the following page to identify location(s) where SWPPPs can be accessed.
**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2014

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Name of MS4/Coalition: New York State Canal Corporation

SPDES ID: NYR20A025

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) 436-3190

- **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:
  
  URL:
  
  URL:

MCM 4 Page 2 of 3
7. Evaluating Progress Toward Measurable Goals MCM 4

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. Printed map books were maintained at each of the two divisions. 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?

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, 2014.

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 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>4</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: SWPPP Review Procedures
MS4 Annual Report Form
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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?
   0%
MS4 Annual Report Form

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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.

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.
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. Eight SWPPP's 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.
**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 ○ No</td>
<td>● Yes ○ No</td>
</tr>
<tr>
<td>Bridge Maintenance........................................</td>
<td>○ Yes ● No</td>
<td>○ Yes ● No</td>
</tr>
<tr>
<td>Winter Road Maintenance..................................</td>
<td>● Yes ○ No</td>
<td>● Yes ○ No</td>
</tr>
<tr>
<td>Salt Storage...............................................</td>
<td>● Yes ○ No</td>
<td>● Yes ○ No</td>
</tr>
<tr>
<td>Solid Waste Management...................................</td>
<td>● Yes ○ No</td>
<td>● Yes ○ No</td>
</tr>
<tr>
<td>New Municipal Construction and Land Disturbance......</td>
<td>○ Yes ● No</td>
<td>○ Yes ● No</td>
</tr>
<tr>
<td>Right of Way Maintenance................................</td>
<td>○ Yes ● No</td>
<td>○ Yes ● No</td>
</tr>
<tr>
<td>Marine Operations.........................................</td>
<td>● Yes ○ No</td>
<td>● Yes ○ No</td>
</tr>
<tr>
<td>Hydrologic Habitat Modification........................</td>
<td>○ Yes ● No</td>
<td>○ Yes ● No</td>
</tr>
<tr>
<td>Parks and Open Space......................................</td>
<td>● Yes ○ No</td>
<td>● Yes ○ No</td>
</tr>
<tr>
<td>Municipal Building........................................</td>
<td>○ Yes ● No</td>
<td>○ Yes ● No</td>
</tr>
<tr>
<td>Stormwater System Maintenance...........................</td>
<td>○ Yes ● No</td>
<td>○ Yes ● No</td>
</tr>
<tr>
<td>Vehicle and Fleet Maintenance...........................</td>
<td>● Yes ○ No</td>
<td>● Yes ○ No</td>
</tr>
<tr>
<td>Other..................................................................</td>
<td>○ Yes ○ No</td>
<td>○ Yes ○ No</td>
</tr>
</tbody>
</table>
### MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2014.

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>
</tr>
</thead>
<tbody>
<tr>
<td>SPDES ID</td>
<td>NYR20A025</td>
</tr>
</tbody>
</table>

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.)

<table>
<thead>
<tr>
<th># Acres</th>
<th># Miles</th>
<th>#</th>
<th>#</th>
<th># Lbs.</th>
<th># Lbs.</th>
<th># Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>80</td>
<td>1</td>
<td></td>
<td></td>
<td>0.</td>
</tr>
</tbody>
</table>

3. How many stormwater management trainings have been provided to municipal employees during this reporting period? 0

4. What was the date of the last training? [ ] / [ ] / [ ]

5. How many municipal employees have been trained in this reporting period? 0

6. What percent of municipal employees in relevant positions and departments receive stormwater management training? 0 %
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2014.

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.

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)

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.
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

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.
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. Printed map books were maintained at each of the two divisions. 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]

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period? 〇 Yes 〇 No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? 〇 Yes 〇 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.
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. Fifty sets were distributed during the reporting period.

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

50

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.
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 voluntarily performed a desktop level self-audit on its program, utilizing the USEPA MS4 program audit forms. This included assessing program management, all 6 minimum control measures, MS4 maintenance, spill prevention, and other program components. The self-audit report, totaling 54 pages, was reviewed by several NYSCC staff in the Environmental Services Bureau (ESB), and a final, revised document was created.

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

Staff in the ESB reviewed, and revised where necessary, the audit document. A binder of supporting documentation was prepared, and included approximately 30 document collections (posters, mapping, annual reports, etc). Shortly after this document was created, NYSDEC Region 5 performed an audit of the Canal program. The auditor determined that the program had no deficiencies, was very well run, and that record keeping was strong.

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).

It is not anticipated that this process will be repeated in the near future, as it differs from the required MCM 6 self-assessment.
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 performed a desktop level self-assessment of its program. This includes assessing all MS4 facilities and activities as they may relate to stormwater discharges or potential pollutant sources.

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

Elements assessed include: Bridge Maintenance, Winter Maintenance, Solid Waste Management, New Construction and Land Disturbance, ROW Maintenance, Marine Operations, Stormwater System Maintenance, Vehicle and Fleet Maintenance, Petroleum Spill Response Guidance, and Waste Disposal. Staff, procedures, funding, training, record keeping, equipment, and schedules were assessed for all topics. The assessment will be finalized during the next reporting year.

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

(ex.: samples/participants/events)

1

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 draft self-assessment will be finalized during the next reporting year, and will be performed every three years.
### MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2014

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

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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.

<table>
<thead>
<tr>
<th>MS4 Description</th>
<th>Answer</th>
<th>Check NA</th>
<th>(POC)</th>
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<tr>
<td>NYC EOH Watershed</td>
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<tr>
<td>Traditional Land Use</td>
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<td>10,11,12</td>
<td>Phosphorus</td>
</tr>
<tr>
<td>Traditional Non-Land Use</td>
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<td>5,10,11,12</td>
<td>Phosphorus</td>
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<tr>
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<td>3,4,5,10,11,12</td>
<td>Phosphorus</td>
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<td><strong>Onondaga Lake Watershed</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Traditional Land Use</td>
<td>1,6,7a-d,8a,9</td>
<td>2,3,4,5,8b,10,11,12</td>
<td>Phosphorus</td>
</tr>
<tr>
<td>Traditional Non-Land Use</td>
<td>1,6,7a-d,8a,9</td>
<td>2,3,4,5,8b,10,11,12</td>
<td>Phosphorus</td>
</tr>
<tr>
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<td>Phosphorus</td>
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<td><strong>Greenwood Lake Watershed</strong></td>
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<td>2,3,5,8b,10,11,12</td>
<td>Phosphorus</td>
</tr>
<tr>
<td>Traditional Non-Land Use</td>
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<td>2,3,5,8b,10,11,12</td>
<td>Phosphorus</td>
</tr>
<tr>
<td>Non-Traditional</td>
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<td>Phosphorus</td>
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<td><strong>Oyster Bay</strong></td>
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<td>Pathogens</td>
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<td>Pathogens</td>
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<td>Non-Traditional</td>
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<td>Pathogens</td>
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<td><strong>Oscawana Lake Watershed</strong></td>
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<td>2,3,5,8b,10,11,12</td>
<td>Phosphorus</td>
</tr>
<tr>
<td>Traditional Non-Land Use</td>
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<td>Non-Traditional</td>
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</tr>
<tr>
<td><strong>LI 27 Embayments</strong></td>
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<td>Traditional Land Use</td>
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<td>5,6,8a,8b</td>
<td>Pathogens</td>
</tr>
<tr>
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<td>5,6,8a,8b</td>
<td>Pathogens</td>
</tr>
<tr>
<td>Non-Traditional</td>
<td>1,2,3,4,7a-d,9</td>
<td>5,6,8a,8b,10,11,12</td>
<td>Pathogens</td>
</tr>
</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, 2014.

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

Additional BMPs Page 2 of 3
MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2014.

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: NY 20 025

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