# MS4 Annual Report Cover Page

MCC form for period ending March 9, 2 0 1 2

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

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#### **Choose one:**

# **D** This report is being submitted on behalf of an individual 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

# $\bigcirc$ 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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# MS4 Annual Report Cover Page

MCC form for period ending March 9, 2 0 1 2

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

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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:

# MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 1

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## Section 2 - Contact Information

Important Instructions - Please Read

Contact information must be provided for <u>each</u> 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
- O Duly Authorized Representative
- $\bigcirc$  Local Stormwater Public Contact
- $\bigcirc$  Stormwater Management Program (SWMP) Coordinator
- $\bigcirc$  Report Preparer

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# MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 1

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

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

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# MS4 Municipal Compliance Certification (MCC) Form

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Name of MS4 New York State Canal Corporation

# Section 3 - Partner Information

Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period?

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.

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 Watershed Improvement Strategy Best Management Practices required for MS4s in impaired watersheds included in GP-0-08-002 Part IX.

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# 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	MI L	ast Name
Donald	R	B e 1 1
Title (Clearly print title of individual <u>signing</u> report)		
	g i n	e e r
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

This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

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# Water Quality Trends

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

- On behalf of an individual MS4
- $\bigcirc$  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

If Yes, choose one of the following

- $\bigcirc$  Report(s) attached to the annual report
- $\bigcirc$  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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No

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

Name of MS4/Coalition New York State Canal Corporation

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# Minimum Control Measure 1. Public Education and Outreach

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

- On behalf of an individual MS4
- $\bigcirc$  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	• Pesticide and Fertilizer Application
• General Stormwater Management Information	• Pet Waste Management
$\bigcirc$ Household Hazardous Waste Disposal	$\bigcirc$ Recycling
Illicit Discharge Detection and Elimination	$\bigcirc$ Riparian Corridor Protection/Restoration
○ Infrastructure Maintenance	• Trash Management
$\bigcirc$ Smart Growth	• Vehicle Washing
Storm Drain Marking	$\bigcirc$ Water Conservation
$\bigcirc$ Green Infrastructure/Better Site Design/Low Impact Development	$\bigcirc$ Wetland Protection
• Other:	○ None
Nutrients; Canal Dire	c t i v e s
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2. Specific audiences targeted during this reporting period:	

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

Name of MS4/Coalition New York State Canal Corporation

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**3.** What strategies did your MS4/Coalition use to achieve education and outreach goals during this reporting period? Check all that apply:

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Name of MS4/Coalition New York State Canal Corporation

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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 nutrient brochure in the Upper Champlain Canal and at locks in the vicinity of Onondaga Lake.

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

The brochure educates recipients on the effects of household products, residential activities, and pet waste on the stormwater system and surface water pollution (focusing on Phosphorus and Nitrogen).

#### 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  $\bigcirc$  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 the nutrient brochure in the Upper Champlain Canal and at locks in the vicinity of Onondaga Lake.

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

#### 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 2010-2011 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 2011-March 2012 there was a total of 924 page views (hits). Of these, 589 were unique page views (total number of people who viewed the pages).

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

924

(ex.: samples/participants/events)

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

• Yes  $\bigcirc$  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.

SPI	DES	ID			-			
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#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

#### 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. The program has lower numbers than previous years due to the impacts of Hurricane Irene, but still welcomed guests from over 16 school districts.

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

2 5 0 0

(ex.: samples/participants/events)

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

• Yes  $\bigcirc$  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.



#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

New York State Canal Corporation Name of MS4/Coalition

#### 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?

(ex.: sam s/events)

6

 $\bigcirc$  No

#### **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

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.



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#### This report is being submitted for the reporting period ending March 9, 2 0 1 1

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

SPDES ID

N Y R 2 0 A 0 2 5

Name of MS4/Coalition New York State Canal Corporation

#### 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" 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 2011 State Fair.

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

		2	3	0	0	
(ex.:	samp	les/	part	tici	pant	s/events)

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

• Yes  $\bigcirc$  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.

#### This report is being submitted for the reporting period ending March 9, 2 0 1 1

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

New York State Canal Corporation Name of MS4/Coalition

#### 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 illicit discharge prevention, detection, and elimination as well as spill prevention and reporting, and good housekeeping Canal Directives with regard to stormwater pollution prevention.

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

5 9

(ex.: samples/participants/events)

• Yes

#### **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).

Training will continue to be provided.

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• Yes  $\bigcirc$  No

 $\bigcirc$  No

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

New York State Canal Corporation Name of MS4/Coalition

SPDES ID YR 2 0 A Ν 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

 $\bigcirc$  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		# Events			9	5
• Comments on SWMP Received		#Comments				0
• Community Hotlines	Phone #	<b>(</b> 518 <b>)</b> 436	-	3 1	9	0
Phone # ( )	Phone #		-			
Phone # ( )	Phone #		-			
Phone # ( )	Phone #		-			
Phone # ( )	Phone #		-			
Phone # ( )	Phone #		-			
○ Community Meetings		# Attendees				
○ Plantings		Sq. Ft.				
○ Storm Drain Markings		#Drains				
$\bigcirc$ Stakeholder Meetings		# Attendees				
$\bigcirc$ Volunteer Monitoring		# Events				
O Other:						

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

Program (SWMP) Plan provided?		Yes	○ No
○ List-Serve # In List			
○ Newspaper Advertising # Days Run			
○ TV/Radio Notices # Days Run			
• Other: E n v i r o n m e n t a l N e w s B u l l e t	i 1	n	

• Web Page URL: Enter URL(s) on the following two pages.

# This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

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### 2. URL(s) con't.:

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

URL

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### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

Name of MS4/Coalition

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#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

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# **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.

• MS	4/C	oali	itioı	n O	offic	e											A	nnu	al I	Rep	ort		S	WN	1P 1	Plar	ı	• (	Con	nme	ents
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This report is being submitted for the reporting period ending March 9,	2 0 1 2	2
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Name of MS4/Coalition     New York State Canal Corporation     N     Y     R     2	0 A 0	2 5
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.	/	
4.b. For how many days was/will this report be posted?	3	6 5
If submitting a report for single MS4, answer 5.a If submitting a joint report, ans	wer 5.b	
5.a. Was an Annual Report public meeting held in this reporting period?         If Yes, what was the date of the meeting?	○ Yes ] /	• No
If No, is one planned?	○ Yes	• No
5.b. Was an Annual Report public meeting held for all MS4s contributing to this this reporting period?	report dı ○ Yes	<b>ıring</b> ○No
If No, is one planned for each?	$\bigcirc$ Yes	○ No
6. Were comments received during this reporting period? If Yes, attach comments, responses and changes made to	○ Yes	• No

SWMP in response to comments to this report.

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

SPDES ID

N Y R 2 0 A 0 2 5

Name of MS4/Coalition New York State Canal Corporation

#### 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. 2,500 students from over 16 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. Numbers were lower this year due to Canal flooding associated with Hurricane Irene, and the resulting shorter/restricted Tugboat Urger season.

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

2 5 0 0

(ex.: samples/participants/events)

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

• Yes O No

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

• Yes O 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.

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

SPDES ID

N Y R 2 0 A 0 2 5

Name of MS4/Coalition New York State Canal Corporation

#### 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 and "What is a Watershed" brochures 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.

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 O No

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

• Yes O 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.

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

#### 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.

#### 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  $\bigcirc$  No

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

• Yes O 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.

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This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

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Name of MS4/Coalition New York State Canal Corporation

# 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
- $\bigcirc$  On behalf of a coalition
  - How many MS4s contributed to this report?
- 1. Enter the number and approx. percent of outfalls mapped:
- 2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)?
- **3.a.**What types of generating sites/sewersheds were targeted for inspection during this reporting period?

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

### This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} \begin{vmatrix} 1 & 2 \end{vmatrix}$

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

		SPDES ID
Name of MS4/Coalition New York State Canal Corporation	m	N Y R 2 0 A 0 2 5
3.b.What types of illicit discharges have	been found during this repor	ting period?
$\bigcirc$ Broken Lines From Sanitary Sewer	$\bigcirc$ Industrial Connections	
$\bigcirc$ Cross Connections	$\bigcirc$ Inflow/Infiltration	
○ Failing Septic Systems	$\bigcirc$ Pump Station Failure	
$\bigcirc$ Floor Drains Connected To Storm Sewers	$\bigcirc$ Sanitary Sewer Overflows	
$\bigcirc$ Illegal Dumping	○ Straight Pipe Sewer Discharge	es
• Other:	$\bigcirc$ None	
N e e d s V e r i f i c	a t i o n	
4. How many illicit discharges/potentia reporting period?	l illegal connections have been	n detected during this
5. How many illicit discharges have been	en confirmed during this repo	orting period?

period?

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

0

%

 $\bigcirc$  No

 $\bigcirc$  No

• No

• Yes

○ Yes

- 7. Has the storm sewershed mapping been completed in this reporting period?
   Yes If No, approximately what percent was completed in this reporting period?
- 8. Is the above information available in GIS? Is this information available on the web? If Yes, provide URL(s):

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

-															

### This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} \begin{vmatrix} 1 & 2 \end{vmatrix}$

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

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

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

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

#### 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?

(ex.: samples/participants/events)

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

• Yes  $\bigcirc$  No

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

• Yes O 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.

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#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

#### 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 May and June of 2011, 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 20 out of the 39 outfalls (in addition to the 13 inspected during the previous reporting period). This represents 50% of existing outfalls. Of these, only one was 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?

(ex.: samples/participants/events)

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

• Yes  $\bigcirc$  No

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

• Yes O No

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 10, NYSCC will investigate the potential identified location to verify whether there is an illicit discharge, and will notify the pertinent agencies/municipalities if illicit discharges are confirmed. NYSCC will hire a consultant to perform inspections on additional NYSCC outfalls.

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#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

SPDES ID

N Y R 2 0 A 0 2 5

Name of MS4/Coalition New York State Canal Corporation

#### 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?

(ex.: samples/participants/events)

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

• Yes  $\bigcirc$  No

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

• Yes O 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.

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

#### 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?

(ex.: samples/participants/events)

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

• Yes  $\bigcirc$  No

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

• Yes O 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.



#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

#### 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?

(ex.: samples/participants/events)

б

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

• Yes  $\bigcirc$  No

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

• Yes O 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.

SPE	DES	ID						
Ν	Y	R	2	0	А	0	2	5

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

#### 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.

Provide training and guidance on prevention, identification, and elimination of illicit discharges.

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

IDDE training was provided to employees, which covered NYSDEC MCM 3 Requirements, description of direct and indirect flow types, MD 2008-1 (Detection and Reporting), and how to Identify, Fix, and Prevent as well as what NYSCC is doing to comply with the IDDE requirements.

#### 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  $\bigcirc$  No

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

• Yes O No

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

No specific IDDE training is planned for the next MS4 reporting year.

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Ν	Y	R	2	0	А	0	2	5			

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

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Ν	Y	R	2	0	А	0	2	5			

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# <u>Minimum Control Measures 4 and 5.</u> <u>Construction Site and Post-Construction Control</u>

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

- On behalf of an individual MS4
- $\bigcirc$  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? O 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 cerfification or using the NYSDEC Gap Analysis Workbook? O Yes O No O NT

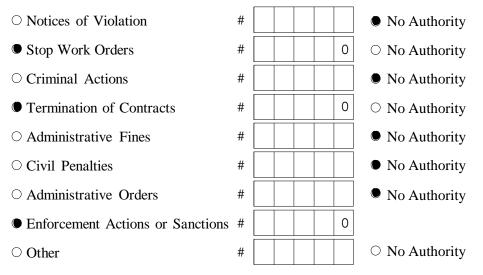
If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law.  $\bigcirc 09/2004 \bigcirc 03/2006$  • NT

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



### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

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Ν	Y	R	2	0	А	0	2	5

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0 0 %

) NT

## 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
- $\bigcirc$  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?  $\bullet$  NT
- 4. What percent of active construction sites were inspected more than once?
- 5. Do all inspectors working on behalf of the MS4s contributing to this report use the NYS Construction Stormwater Inspection Manual?
- 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? • Yes • No

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

### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

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#### 6. con't.:

Submit additional pages as needed.

MS4/Coalition Office

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#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

New York State Canal Corporation Name of MS4/Coalition

#### 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.

#### 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  $\bigcirc$  No

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

• Yes  $\bigcirc$  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.

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#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

#### 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?

(ex.: samples/participants/events)

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

• Yes  $\bigcirc$  No

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

• Yes O 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.

SPE	DES	ID						
Ν	Y	R	2	0	А	0	2	4



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### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

SPE	DES	ID						
Ν	Y	R	2	0	А	0	2	5

## Minimum Control Measure 5. Post-Construction Stormwater Management

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

- On behalf of an individual MS4
- $\bigcirc$  On behalf of a coalition

How many MS4s contributed to this report?

- nis 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?

	# Inventoried	# Inspections	# Times Maintained
○ Alternative Practices			
$\bigcirc$ Filter Systems			
$\bigcirc$ Infiltration Basins			
• Open Channels	1	7	0
$\bigcirc$ Ponds			
$\bigcirc$ Wetlands			
$\bigcirc$ Other			

- 2. Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintanance? • Yes O 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
- $\bigcirc$  Watershed Plans  $\bigcirc$  Other Comprehensive Plan
- Other:

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#### This report is being submitted for the reporting period ending March 9, $2 \mid 0$ 2 1

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

New York State Canal Corporation Name of MS4/Coalition

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

 $\bigcirc$  Yes • No

○ Yes

○ Yes

0

2 5

No

%

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

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? • 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 Impace Development (LID), Better Site Design (BSD) and other Green Infrastructure principles in this reporting period? 0

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

SPDES ID

N Y R 2 0 A 0 2 5

Name of MS4/Coalition New York State Canal Corporation

#### 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?

(ex.: samples/participants/events)

1

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

• Yes  $\bigcirc$  No

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

• Yes O 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.

#### This report is being submitted for the reporting period ending March 9, $2 \mid 0 \mid 1$ 2

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

New York State Canal Corporation Name of MS4/Coalition

#### 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.

#### 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  $\bigcirc$  No

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

• Yes  $\bigcirc$  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.

S	SPE	DES	ID						
	N	Y	R	2	0	А	0	2	5

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#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

S	SPE	DES	ID						
	Ν	Y	R	2	0	А	0	2	5

## 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
- $\bigcirc$  On behalf of a coalition

How many MS4s contributed to this report?

ort?

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.

			Self-Assess	<u>ment</u>
			<b>Operation/Activi</b>	<u>ty/Facility</u>
			performed within	the past 3
<b>Operation/Activity/Facility</b>	Addressed in	n SWMP?	<u>years?</u>	
Street Maintenance	• Yes	○ No	• Yes	$\bigcirc$ No
Bridge Maintenance	O Yes	• No	• Yes	• No
Winter Road Maintenance		○ No	• Yes	$\bigcirc$ No
Salt Storage	• Yes	○ No	• Yes	$\bigcirc$ No
Solid Waste Management	• Yes	○ No	• Yes	$\bigcirc$ No
New Municipal Construction and Land Disturbar	nce $\bigcirc$ Yes	• No	• Yes	No
Right of Way Maintenance	O Yes	• No	• Yes	No
Marine Operations	• Yes	○ No	• Yes	$\bigcirc$ No
Hydrologic Habitat Modification	····· OYes	• No	• Yes	• No
Parks and Open Space	• Yes	○ No	• Yes	$\bigcirc$ No
Municipal Building		• No	• Yes	• No
Stormwater System Maintenance		• No	• Yes	• No
Vehicle and Fleet Maintenance	• Yes	○ No	• Yes	$\bigcirc$ No
Other	O Yes	○ No	○ Yes	$\bigcirc$ No

### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

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

$\bigcirc$ Parking Lots Swept (Number of acres X Number of times swept)	# Acres								
$\bigcirc$ Streets Swept (Number of miles X Number of times swept)	# Miles								
Catch Basins Inspected and Cleaned Where Necessary	#		8	0					
<ul> <li>Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary</li> </ul>	#			1					
O Phosphorus Applied In Chemical Fertilizer	# Lbs.								
○ Nitrogen Applied In Chemical Fertilizer	# Lbs.								
<ul> <li>Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.)</li> <li>Note: Please refer to Annual Pesticide Report submitted to NYSDEC prior to Fe</li> </ul>	# Acres	See No							
3. How many stormwater management trainings have been provided to municipal employees									
during this reporting pariod?	•P*		5,000						
during this reporting period?	• F			2					
	2 / 1 6		0 1	2					
	2 / 1 6								

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

New York State Canal Corporation Name of MS4/Coalition

#### 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  $\bigcirc$  No

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

• Yes  $\bigcirc$  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.

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#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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

#### 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?

(ex.: samples/participants/events)

1

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

• Yes  $\bigcirc$  No

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

• Yes O 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.

S	SPE	DES	ID						
	Ν	Y	R	2	0	А	0	2	5

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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Name of MS4/Coalition New York State Canal Corporation

#### 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?

(ex.: samples/participants/events)

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

• Yes  $\bigcirc$  No

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

• Yes  $\bigcirc$  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.

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#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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#### 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 illicit discharge prevention, detection, and elimination as well as spill prevention and reporting, and good housekeeping Canal Directives with regard to stormwater pollution prevention.

#### 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  $\bigcirc$  No

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

• Yes  $\bigcirc$  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.

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#### 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, with the aid of consultants, developed Spill Prevention, Control, and Countermeasure plans to comply with EPA's Oil Pollution Prevention Regulation. It identifies potential spill pathways and volumes, as well as response procedures and preventative measures. It also sets a schedule for maintenance related, programmatic, and/or administrative tasks to be implemented in order to reduce the potential for oil releases or spills at the facility.

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

9 plans were developed, one for each facility subject to SPCC regulations 40 CFR 112.

#### 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  $\bigcirc$  No

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

• Yes O No

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

Facility management will review the SPCC plan annually to determine if the plan is adequate for the facility, and that the plan is being fully implemented. Any changes identified during this review will be incorporated into the plan.

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New York State Canal Corporation Name of MS4/Coalition

## Additional Watershed Improvement Strategy Best Management Practices

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

• On behalf of an individual MS4

 $\bigcirc$  On behalf of a coalition

How many MS4s contributed to this report?

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

MS4 Description	Answer	Check NA	(POC)
NYC EOH Watershed	-	-	-
Traditional Land Use	1,2,3,4,5,6,7a-d,8a,8b,9	10,11,12	Phosphorus
Traditional Non-Land Use	1,2,3,4,7a-d,8a,8b,9	5,10,11,12	Phosphorus
Non-Traditional	1,2,77a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus
Onondaga Lake Watershed	-	-	-
Traditional Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Non-Traditional	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Greenwood Lake Watershed	-	-	-
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Oyster Bay	-	-	-
Traditional Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Non-Traditional	1,4,7a-d,9	2,3,4,5,8a,8b,10,11,12	Pathogens
Peconic Estuary	-	-	-
Traditional Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Traditional Non-Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Non-Traditional	1,4,7a-d,8a,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen
Oscawana Lake Watershed	-	-	-
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
LI 27 Embayments	-	-	-
Traditional Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Non-Traditional	1,2,3,4,7a-d,9	5,6,8a,8b,10,11,12	Pathogens

#### 1. Does your MS4/Coalition have an education program addressing impacts of phosphorus/nitrogen/pathogens on waterbodies? • Yes

#### 2. Has 100% of the MS4/Coalition conveyance system been mapped in GIS?

○ Yes  $\bigcirc$  No

 $\bigcirc$  No

N/A

O 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.



Additional BMPs Page 1 of 3

#### This report is being submitted for the reporting period ending March 9, 2 0 1 2

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Name of MS4/Coalition New York State Canal Corporation

- SPDES ID

   N
   Y
   R
   2
   0
   A
   0
   2
   5
- 3. Does your MS4/Coalition have a Stormwater Conveyance System (infrastructure) Inspection and Maintenance Plan Program? O Yes O No O 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? O Yes No O N/A
- 7b.How many projects have been sited in this reporting period?
- 7c. What percent of the projects included in 7b have been completed in this reporting period?
- 7d.What percent of projects planned in previous years have been completed?

• No Projects Planned

0

0 %

0 %

- 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

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

9. Has your MS4/Coalition developed and implemented a program of native planting? • Yes  $\bigcirc$  No O N/A 10. Has your MS4/Coalition enacted a local law prohibiting pet waste on municipal properties and prohibiting goose feeding? ○ Yes  $\bigcirc$  No • N/A 11. Does your MS4/Coalition have a pet waste bag program?  $\bigcirc$  Yes  $\bigcirc$  No • N/A 12. Does your MS4/Coalition have a program to manage goose  $\bigcirc$  Yes  $\bigcirc$  No populations? • N/A