

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2012

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

SPDES ID
N Y R 2 0 A

MS4 Municipal Compliance Certification(MCC) Form

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

Name of MS4

SPDES ID
N Y R 2 0 A 0 2 4

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 Last Name

Title (Clearly print title of individual signing report)

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,

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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 Thruway Authority

SPDES ID

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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
- On behalf of a coalition

How many MS4s contributed to this report?

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1. Targeted Public Education and Outreach Best Management Practices

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

- | | |
|---|---|
| <input checked="" type="radio"/> Construction Sites | <input checked="" type="radio"/> Pesticide and Fertilizer Application |
| <input checked="" type="radio"/> General Stormwater Management Information | <input checked="" type="radio"/> Pet Waste Management |
| <input type="radio"/> Household Hazardous Waste Disposal | <input type="radio"/> Recycling |
| <input checked="" type="radio"/> Illicit Discharge Detection and Elimination | <input type="radio"/> Riparian Corridor Protection/Restoration |
| <input type="radio"/> Infrastructure Maintenance | <input type="radio"/> Trash Management |
| <input type="radio"/> Smart Growth | <input checked="" type="radio"/> Vehicle Washing |
| <input checked="" type="radio"/> Storm Drain Marking | <input type="radio"/> Water Conservation |
| <input checked="" type="radio"/> Green Infrastructure/Better Site Design/Low Impact Development | <input type="radio"/> Wetland Protection |
| <input checked="" type="radio"/> Other: | <input type="radio"/> None |

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Other

2. Specific audiences targeted during this reporting period:

- | | |
|---|---|
| <input checked="" type="radio"/> Public Employees | <input type="radio"/> Contractors |
| <input type="radio"/> Residential | <input type="radio"/> Developers |
| <input type="radio"/> Businesses | <input checked="" type="radio"/> General Public |
| <input checked="" type="radio"/> Restaurants | <input type="radio"/> Industries |
| <input checked="" type="radio"/> Other: | <input type="radio"/> Agricultural |

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Other

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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.

Phosphorus and Nitrogen, Stormwater Pollution Prevention "What You Can do to Help", and Homeowner's Guide to Rain Gardens pamphlets were provided at travel plazas, the State Fair, and other venues. Pamphlets and manuals were handed out at staff trainings. Stormwater Brochures were provided for NYS Higher Education Go Green Day and Connect the Drops brochures were provided for the North Presbyterian Church Water Fair in Williamsville, NY.

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

Brochures were ordered during the reporting year to restock those that had been distributed or picked up at a travel plaza kiosk. Brochures educates recipients on the effects of household products, residential activities, and pet waste on our stormwater system and surface water pollution (focusing on Phosphorus and Nitrogen), how and why to construct rain gardens, how to identify and report illicit discharges, and many other stormwater management and pollution prevention issues.

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

3	7	1	2
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(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).

Continue to provide stormwater brochures at the State Fair in July of 2012 and at other venues as requested, and continue restocking brochures at division travel plazas.

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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.

NYSTA continued to host the stormwater web pages 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. NYSTA 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 NYSTA 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. From March 2011-March 2012 there was a total of 924 page views (hits). Of these, 589 were unique page views (total number of unique people who viewed the pages).

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

	9	2	4
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(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.

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

NYSTA continued to host the interactive stormwater exhibit at the Children's Museum of Science and Technology (CMOST) located in Troy, NY. Staff at CMOST offer educational stormwater lessons and distribute a Hudson River watershed model fact sheet and a children's pollution prevention activity booklet.

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

This exhibit provides an interactive experience for visitors to learn about the importance of watersheds, the role of pollution, and pollution prevention. On an annual basis, the museum continues to have attendance of approximately 60,000 visitors.

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

9	9	9	9
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(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).

This interactive watershed exhibit, and associated lessons and hand-outs, will continue to be hosted at CMOST.

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4. Evaluating Progress Toward Measurable Goals MCM 1

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

A poster describing "Good Cleaning Practices" as they pertain to grease traps, dumpsters, and waste disposal, was displayed for the restaurants located at the 27 Travel Plazas along the Thruway.

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

This poster serves as a reminder to food service employees to employ best management practices in their service operations. They are displayed at 27 Travel Plazas.

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

		2	7
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(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).

Posters that are no longer in good conditions will be replaced during the 2012-2013 reporting year.

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4. Evaluating Progress Toward Measurable Goals MCM 1

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

An educational stormwater video, developed by NYSTA, is aired at the 27 travel plazas across the state. The video is approximately 4 minutes long and informs the public about the connection between personal activities and stormwater pollution prevention. The video and it's script are available on NYSTA's website.

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

This video educates a broad audience, as approximately 20 million users in total visit the 27 travel plaza each year. It is aired daily at each travel plaza.

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

	3	6	5
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(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 video will continue to be available on the website and aired at the 27 travel plazas. In addition, the video will be updated with revised e-mail addresses (which are provided at the end of the video) to reflect recent e-mail extension changes. These will occur during MS4 reporting year 10.

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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.

NYSTA will continue to provide access to Environmental Reminder Cards for NYSTA staff.

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

Environmental Reminder Cards are a reference card provided to NYSTA staff to remind them of environmental best management practices and considerations pertaining to their specific responsibilities. These include Environmental Awareness Items (self-audit checklist) and different reminder cards pertaining to activities such as Vehicle Washing, Ditch Cleaning, Stream Protection, etc. 84 complete Environmental Reminder Books were handed out during training sessions.

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

		8	4
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(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).

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

MS4 Annual Report Form

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Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

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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.

The Stormwater General Permit Maps, to be used as a field reference by NYSTA Section Supervisors 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. There is 1 printed division map (book form) distributed for each Thruway/Canal Division (Albany, New York, Syracuse, and Buffalo) & a complete set of maps available in the Environmental Service Office in Headquarters in Albany. Also available to staff electronically.

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

			5
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(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?
 Yes No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
 Yes No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

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

MS4 Annual Report Form

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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.

Distributed an educational rain garden pamphlet to each Division to place at Service Areas, as well as at the 2011 State Fair.

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

The rain garden pamphlet was completed by a qualified consultant, and reviewed and approved by NYSTA staff. The pamphlet includes information on stormwater pollution and runoff, what a rain garden is and why to plant one, how to install a rain garden, costs of installation, and tips regarding native plants and manual weeding, pesticide use, mulching, and rain barrel use.

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

	9	0	0
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(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 pamphlet will continue to distributed in the next reporting year

MS4 Annual Report Form

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SPDES ID

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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.

NYSTA 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.

NYSTA provided training to field staff on illicit discharge prevention, detection, and elimination as well as spill prevention and reporting, and good housekeeping maintenance directives and job activities with regard to stormwater pollution prevention. 92 employees were trained, and were also provided with copies of the training in addition to other educational materials.

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

		9	2
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(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Training will continue to be provided. Stormwater Management for Linear Projects training is planned for Year 10.

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Name of MS4/Coalition

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

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Name of MS4/Coalition: New York State Thruway Authority

SPDES ID: NYR20A024

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 Annual Report SWMP Plan Comments

Department

Environmental Services Bureau

Address

200 Southern Boulevard

City

Albany

Zip

NY

12209 -

Phone

(518) 471-5942

Library Annual Report SWMP Plan Comments

Address

City

Zip

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Phone

() -

Other Annual Report SWMP Plan Comments

Address

City

Zip

-

Phone

() -

Web Page URL: Annual Report SWMP Plan Comments

http://www.thruway.ny.gov/environmental/

ms4s.html

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

eMail Comments

ms4artwy@thruway.ny.gov

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SPDES ID

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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.

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

3	6	5
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If submitting a report for single MS4, answer 5.a.. If submitting a joint report, answer 5.b..

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

Yes No

If Yes, what was the date of the meeting?

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If No, is one planned?

Yes No

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

Yes No

If No, is one planned for each?

Yes No

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.

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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.

NYSTA continued to provide an interactive stormwater exhibit at the Children's Museum of Science and Technology (CMOST) located in Troy, NY. CMOST staff administer educational lessons, and distribute a Hudson River watershed model fact sheet and a children's pollution prevention activity booklet.

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

The interactive exhibit educates visitors about watersheds, non-point source pollution, and pollution prevention. It is expected that most, if not all, of the museum's 60,000 visitors annually view and/or participate in this hands-on exhibit.

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

9	9	9	9
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(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 interactive exhibit will remain at the CMOST during the next reporting cycle and the museum staff will continue to administer the educational lessons and distribute educational material.

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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 and Prevent Stormwater Pollution posters are displayed at 27 Service Plazas, 23 NYSTA maintenance facilities and 18 wastewater treatment plants. These posters were developed by NYSTA to provide specific examples of best management practices and 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 maintaining cleaning floormats, recycling grease and oil, disposal of mop water, dumpsters, pesticide storage and application, road and salt deicers, 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 posters.

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

		6	8
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(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).

NYSTA will continue to display these 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,

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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 Thruway

SPDES ID

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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 consultant performed inspections on NYSTA outfalls.

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

264 out of the 1,174 identified outfalls were inspected in May-June of 2011. This represents 22% of existing outfalls. Of these, eleven were observed to represent conditions that may indicate the presence of an illicit discharge. Others were identified for maintenance. Inspection results have been added to the existing GIS database and were sent to appropriate NYSTA staff for further investigation.

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

	2	6	4
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(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).

During MS4 reporting Year 10, NYSTA will investigate the eleven identified locations to verify presence of an illicit discharge and will also prepare a plan for those outfall locations that are verified to require maintenance. NYSTA will hire a consultant to perform inspections for an additional 20% of all identified NYSTA outfalls.

MS4 Annual Report Form

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

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Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

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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.

Oil Water Separator (OWS) proper use and maintenance posters are displayed at all 23 NYSTA maintenance facilities. These posters serve 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.

Posters are displayed in pertinent locations and provide information on the purpose of the separators. They also identify 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?

		2	3
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*(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).

NYSTA will continue to display posters during the next reporting cycle. These posters will be updated as needed.

MS4 Annual Report Form

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

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Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

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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 (SWMP), including requirements in Part III.C.1. Submit additional pages as needed.

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

Annual internal environmental audits are conducted at the 23 maintenance facilities to evaluate the NYSTA facilities and operations for environmental compliance. Upon completion, a summary is sent to NYSDEC as part of the annual State Agency Environmental Audit (SAEA) process.

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

This annual inspection is conducted by each of the four divisions (Albany, New York, Syracuse, and Buffalo) 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?

		2	3
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(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 SWMP?

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. These will continue in Year 10.

MS4 Annual Report Form

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

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Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

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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.

NYSTA inspects large diameter culverts for hydraulic and structural condition on a 5-year rotating schedule, as part of the "Large Culvert Inspection Program". The inspection teams have incorporated an illicit discharge detection component to their inspection procedure in order to help identify any potential sources of illicit discharges. The goal is to inspect large diameter culverts for signs of illicit discharges statewide on a 5-year schedule.

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

The Infrastructure, Inventory, and Inspection System (IIIS) modules for Stormwater Infrastructure Reporting and Large Culvert Inspections includes questions relative to illicit discharges. If one is found by the inspectors, it is reported to delegated staff who then notify the appropriate enforcement agency (DEC Region or County DOH). The information is then recorded on form TA-N41127-9 and filed in the NYSTA Division office. No large culvert issues were identified this MS4 year.

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

		9	6
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(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).

NYSTA will continue to inspect large diameter culverts on a 5 year rotating schedule.

MS4 Annual Report Form

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

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New York State Thruway

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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.

NYSTA staff are responsible for driving a discrete section of the New York State Thruway to inspect for problems, such as excessive debris, broken guide rails, and erosion. They also look for indicators of illicit discharges, such as unexpected flow, flooding, or discoloration in flow.

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

The goal is to incorporate illicit discharge detection in every day operations. One illicit discharge, a sanitary sewer overflow, was identified. NYSTA promptly brought it the the Responsible Municipality's attention and it is in the process of being remedied. No legal action or outside agency involvement was required, as the Municipality has been cooperative.

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

			1
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(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).

NYSTA will continue to incorporate illicit discharge detection into the right-of-way inspections. All inspection reporting (including illicit discharge reporting) is, and will continue to be, inputted into NYSTA's IIIS system.

MS4 Annual Report Form

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

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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.

Continue to provide access to Environmental Reminder Cards for NYSTA staff through the intranet.

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

Environmental Reminder Cards are a reference card provided to NYSTA staff to remind them of environmental best management practices and considerations pertaining to their specific responsibilities. There are 22 different reminder cards pertaining to activities such as Vehicle Washing, Ditch Cleaning, Stream Protection, etc.

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

		2	2
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(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).

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

MS4 Annual Report Form

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

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Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

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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.

NYSTA continued to reviewed their existing right-of-way manual to determine what modifications may further enhance best management practices with regard to stormwater management and other environmental issues.

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

Examples of sections or portions thereof that have been reviewed, and in some cases revised, include: creation or preservation of natural grassland areas and streambanks. annual spring and daily right-of-way clean-up procedures (litter and debris removal), use of herbicide, drainage and stormwater facility maintenance, bridge washing, mowing (procedures and "mowing limit" signage) and toll-lane cleaning.

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

			1
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(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).

NYSTA will continue to implement best management practices to assure that phosphorus is not being contributed to the Onondaga Lake watershed from Thruway facilities or operations. The final manual release was delayed, but will likely be released during MS4 reporting Year 10.

MS4 Annual Report Form

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

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New York State Thruway Authority

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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 NYSTA Section Supervisors 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. There is 1 printed division map (book form) distributed for each Thruway/Canal Division (Albany, New York, Syracuse, and Buffalo) & a complete set of maps available in the Environmental Service Office in Headquarters in Albany. Also available to staff electronically.

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

			5
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(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?
 Yes No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
 Yes No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

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

MS4 Annual Report Form

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

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Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

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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 included an overview of NYSTA's "Outfall Mapping and IDDE Program Guidance Manual". It also 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 NYSTA is doing to comply with the IDDE requirements. 92 "Outfall Mapping and IDDE Program Guidance Manuals" were distributed.

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

		9	2
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(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).

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

MS4 Annual Report Form

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

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

Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

N	Y	R	2	0	A	0	2	4
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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?

		6
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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:

<input type="radio"/> Notices of Violation	#	<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>							<input checked="" type="radio"/> No Authority
<input checked="" type="radio"/> Stop Work Orders	#	<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>0</td></tr></table>						0	<input type="radio"/> No Authority
					0				
<input type="radio"/> Criminal Actions	#	<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>							<input checked="" type="radio"/> No Authority
<input checked="" type="radio"/> Termination of Contracts	#	<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>0</td></tr></table>						0	<input type="radio"/> No Authority
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<input type="radio"/> Civil Penalties	#	<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>							<input checked="" type="radio"/> No Authority
<input type="radio"/> Administrative Orders	#	<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>							<input checked="" type="radio"/> No Authority
<input checked="" type="radio"/> Enforcement Actions or Sanctions	#	<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td>0</td></tr></table>						0	
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<input type="radio"/> Other	#	<table border="1" style="display: inline-table; width: 60px; height: 20px;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>							<input checked="" type="radio"/> No Authority

MS4 Annual Report Form

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

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

Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

N	Y	R	2	0	A	0	2	4
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Minimum Control Measure 4. Construction Site Stormwater Runoff Control

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

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

How many MS4s contributed to this report?

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

		6
--	--	---

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

	4	1
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3. What percent of active construction sites were inspected during this reporting period? NT

1	0	0
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 %

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

1	0	0
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 %

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? Yes No

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,

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Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

N	Y	R	2	0	A	0	2	4
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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 (Acting) Chief Engineer signs off on the SWPPP.

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

NYSTA's thorough review and oversight process ensures the correct controls are being selected and properly maintained. NYSTA has not had to issue any stop work orders or terminate contracts due to improper installation or maintenance of controls. Staff has been trained on NYSDEC requirements, including Green Infrastructure.

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

			6
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(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).

NYSTA will continue to implement their review process.

MS4 Annual Report Form

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

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Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

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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 NYSTA Section Supervisors 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. There is 1 printed division map (book form) distributed for each Thruway/Canal Division (Albany, New York, Syracuse, and Buffalo) & a complete set of maps available in the Environmental Service Office in Headquarters in Albany. Also available to staff electronically.

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

			5
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*(ex.: samples/participants/events)***D. Has your MS4 made progress toward this measurable goal during this reporting period?**

Yes No

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

Yes No

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

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

MS4 Annual Report Form

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

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Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

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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.

NYSTA continued to implement a process to ensure that each contractor performing earth-disturbing work that requires a NYSDEC General Permit have their erosion and sediment control plan and have at least one person onsite who has received their 4-hour inspector training.

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

Confirming contractors have their erosion and sediment control training will help ensure the contractor is knowledgeable in the purpose and proper installation of erosion and sediment control practices.

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

		4	0
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*(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).

NYSTA will continue to implement this verification.

MS4 Annual Report Form

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

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

Name of MS4/Coalition

New York State Thruway Authority

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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
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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
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 %

MS4 Annual Report Form

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

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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.

NYSTA maintained their Long Term Operations and Maintenance Plan for Post Construction Controls to maintenance personnel.

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

This manual provides guidance on the proper inspection and maintenance procedures for the stormwater controls owned by NYSTA. One printed copy was distributed at each of the 4 Divisions (Buffalo, Albany, Syracuse, and New York) with a copy for Environmental Services and Headquarters Maintenance. Also, the document is available on the intranet for reference by all Thruway/Canals Maintenance staff.

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

			5
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*(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).

Procedures will be updated as needed, and additional copies will be provided to maintenance personnel upon request. The document will continue to be made available on the intranet.

MS4 Annual Report Form

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

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Name of MS4/Coalition

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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.

Continue 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 NYSTA or an outside contractor, are in compliance with the General Permit. NYSTA reviewers have previously been trained on how to verify that the design calculations meet and address the appropriate criteria. Of the 7 SWPPPs reviewed during this reporting year, 5 included permanent stormwater control measures (dry swales).

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

			5
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(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).

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

MS4 Annual Report Form

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

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New York State Thruway Authority

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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.

Previously, NYSTA created a searchable database to record and maintain inventory and inspection documents for NYSTA's post construction stormwater controls. This has become part of the IIS system and NYSTA staff utilize it to record and manage inventory and inspection information, and to flag and track stormwater management practice maintenance requirements and activities.

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

This database has received 170 inspection entries this MS4 year. Management practices are currently categorized according to "Wet Pond", "Wet Swale", "Dry Swale", and "Wetland". The database maintains inspection dates, maintenance dates, inspection forms and notes, locations, feature numbers (a unique identifier) and the plan/drawing. Can also record year built, dimensions, and UTM location.

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

	1	7	0
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*(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).

NYSTA staff will continue to utilize the database to record and manage the inventory and inspection data, and to flag and track required maintenance activities.

MS4 Annual Report Form

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

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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.

NYSTA maintained the inventory and GIS map of the post-construction stormwater management practices.

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

This inventory and map is used by NYSTA staff to locate post-construction controls for maintenance and inspections. No new stormwater management practices were added to NYSTA's system during this reporting year.

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

			0
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(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).

New post-construction stormwater controls will be added to this inventory as they are constructed.

MS4 Annual Report Form

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

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6. Evaluating Progress Toward Measurable Goals MCM 5

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

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

Recognizing the importance of green infrastructure, and confirming NYSTA's commitment to promote green practices, NYSTA previously voluntarily hired a consultant to design a rain garden and rain barrel retrofit installation at a travel plaza. The rain garden and rain barrel were installed during this reporting year.

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

The rain garden plans include an interpretive sign and educational brochure kiosk, where a custom rain garden brochure will be available. The rain barrel (with overflow and diversion) is used to irrigate existing and proposed landscaping. The rain garden accepts runoff from approximately 1,000 sf of an existing roof.

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

			1
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*(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 retrofit opportunities will be explored.

MS4 Annual Report Form

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

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Minimum Control Measure 6. Stormwater Management for Municipal Operations

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

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

How many MS4s contributed to this report?

--	--	--

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

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

MS4 Annual Report Form

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

2	0	1	2
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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 Thruway Authority

SPDES ID

N	Y	R	2	0	A	0	2	4
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2. Provide the following information about municipal operations good housekeeping programs:

- Parking Lots Swept (Number of acres X Number of times swept) # Acres

--	--	--	--	--
- Streets Swept (Number of miles X Number of times swept) # Miles

		5	7	0
--	--	---	---	---
- Catch Basins Inspected and Cleaned Where Necessary #

1	5	9	9	0
---	---	---	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #

			2	5
--	--	--	---	---
- Phosphorus Applied In Chemical Fertilizer # Lbs.

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

--	--	--	--	--
- Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.) # Acres

--	--	--	--	--

See Note

Note: Please refer to Annual Pesticide Report submitted to NYSDEC prior to February 1 of each year.

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

				5
--	--	--	--	---
- 4. What was the date of the last training?**

0	2
---	---

 /

1	5
---	---

 /

2	0	1	2
---	---	---	---
- 5. How many municipal employees have been trained in this reporting period?**

1	3	2
---	---	---
- 6. What percent of municipal employees in relevant positions and departments receive stormwater management training?**

	1	0
--	---	---

 %

MS4 Annual Report Form

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

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Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

N	Y	R	2	0	A	0	2	4
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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.

Annual internal environmental audits are conducted at the 23 maintenance facilities to evaluate the NYSTA facilities and operations for environmental compliance. Upon completion, a summary is sent to NYSDEC as part of the annual State Agency Environmental Audit (SAEA) process.

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

This annual inspection is conducted by each of the four divisions (Albany, New York, Syracuse, and Buffalo) 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?

		2	3
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*(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. These will continue in MS4 Reporting Year 10.

MS4 Annual Report Form

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

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Name of MS4/Coalition

New York State Thruway Authority

SPDES ID

N	Y	R	2	0	A	0	2	4
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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.

A poster describing "Good Cleaning Practices" as they pertain to grease traps, dumpsters, and waste disposal, was displayed for the restaurants located at the 27 Travel Plazas along the Thruway.

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

This poster serves as a reminder to food service employees to employ best management practices in their service operations.

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

		2	7
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(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).

Posters that are no longer in good conditions will be replaced during the 2012-2013 reporting year.

MS4 Annual Report Form

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

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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.

NYSTA will continue to provide access to Environmental Reminder Cards for NYSTA staff.

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

Environmental Reminder Cards are a reference card provided to NYSTA staff to remind them of environmental best management practices and considerations pertaining to their specific responsibilities. These include Environmental Awareness Items (self-audit checklist) and different reminder cards pertaining to activities such as Vehicle Washing, Ditch Cleaning, Stream Protection, etc. 84 complete Environmental Reminder Books were handed out during training sessions.

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

		8	4
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(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).

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

MS4 Annual Report Form

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

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Name of MS4/Coalition

New York State Thruway Authority																																							
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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.

Good Housekeeping Pollution Prevention and Prevent Stormwater Pollution posters are displayed at 27 Service Plazas, 23 NYSTA maintenance facilities and 18 wastewater treatment plants. These posters were developed by NYSTA to provide specific examples of best management practices and 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 maintaining cleaning floormats, recycling grease and oil, disposal of mop water, dumpsters, pesticide storage and application, road and salt deicers, 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 posters.

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

		6	8
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(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).

NYSTA will continue to display these 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,

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New York State Thruway Authority

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N	Y	R	2	0	A	2	4
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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.

Oil Water Separator (OWS) proper use and maintenance posters are displayed at all 23 NYSTA maintenance facilities. These posters serve 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.

Posters are displayed in pertinent locations and provide information on the purpose of the separators. They also identify 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?

		2	3
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(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).

NYSTA will continue to display posters during the next reporting cycle. These posters will be updated as needed.

MS4 Annual Report Form

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

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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.

NYSTA 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.

NYSTA provided training to field staff on illicit discharge prevention, detection, and elimination as well as spill prevention and reporting, and good housekeeping maintenance directives and job activities with regard to stormwater pollution prevention. 92 employees were trained.

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

		9	2
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(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Training will continue to be provided. Stormwater Management for Linear Projects training is planned for Year 10.

MS4 Annual Report Form

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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.

The Stormwater General Permit Maps, to be used as a field reference by NYSTA Section Supervisors 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. One complete map (book form) was available for each of the Thruway/Canal Divisions (Albany, New York, Syracuse, and Buffalo) in addition to a complete set available at the Environmental Service Office in Albany Headquarters. Maps are available to staff electronically.

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

			5
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*(ex.: samples/participants/events)***D. Has your MS4 made progress toward this measurable goal during this reporting period?**

Yes No

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

Yes No

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

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

MS4 Annual Report Form

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New York State Thruway Authority

SPDES ID

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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.

NYSTA, 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.

35 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?

		3	5
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(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).

Plans will be finalized in Year 10. 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.

MS4 Annual Report Form

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 Thruway Authority

SPDES ID
N Y R 2 0 A 0 2 4

Additional Watershed Improvement Strategy Best Management Practices

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

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

How many MS4s contributed to this report?

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

MS4 Description	Answer	Check NA	(POC)
NYC EOH Watershed			
Traditional Land Use	1,2,3,4,5,6,7a-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 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

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New York State Thruway Authority

SPDES ID

N	Y	R	2	0	A	0	2	4
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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?

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 %

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

		0
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 %

7d. What percent of projects planned in previous years have been completed?

1	0	0
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 %

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

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N	Y	R	2	0	A	0	2	4
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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