

MS4 Annual Report Cover PageMCC form for period ending March 9,

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

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MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9,

Name of MS4

SPDES ID

Section 2 - Contact Information

Important Instructions - Please Read

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

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

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

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

For each contact, select all that apply:

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

First Name MI Last Name

Title

Address

City State Zip -

eMail

Phone () - County

MS4 Municipal Compliance Certification(MCC) Form

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

Name of MS4

SPDES ID									
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- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

First Name MI Last Name

Title

Address

City State Zip -

eMail

Phone County

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9,

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Name of MS4

New York State Thruway Authority

SPDES ID

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Section 2 - Contact Information

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4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
5. Report Preparer (Consultants may provide company name in the space provided).

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

For each contact, select all that apply:

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

First Name

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 Last Name

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Title

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 State

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 Zip

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eMail

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Phone

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 County

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MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9,

Name of MS4 SPDES ID

Section 3 - Partner Information

Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period? Yes No

If Yes, complete information below.

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

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name

Partner/Coalition Name (con't.) SPDES Partner ID - If applicable

Address

City State Zip -

eMail

Phone () -

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

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

- MM1
- MM2
- MM3
- MM4
- MM5
- MM6

Additional tasks/responsibilities

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

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9,

Name of MS4

SPDES ID


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

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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.

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

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

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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).

MS4 Annual Report Form

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

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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.

Training was provided to 107 Thruway employees during this reporting period. Fifty employees received NYDEC 4-Hour Erosion and Sediment Control training. Fifty-seven maintenance employees received training on Stormwater.

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

Erosion and Sediment Control training is required for individuals to conduct the regular inspection of E&S controls on a construction site. This inspection identifies E&S issues which may need to be brought to the attention of the engineer. Both of these increase awareness of water quality considerations and implementation of BMPs.

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

	1	0	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).

Training on new topics will be offered as warranted.

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 were accessible to NYSTA Section Supervisors and appropriate staff. These maps are used to identify areas of special concern or interest while planning NYSTA operations.

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

Map layers include 303(d) impaired waters listed in the GP-0-15-003 permit, TMDL watersheds, Rare Species and Natural Communities, National Register Sites, and E & F soils in AA or AA-s watersheds. One printed map book is provided to each Thruway Division (Albany, Buffalo, New York, and Syracuse) and in the Bureau of Environmental Services office in the Albany Headquarters. The maps are also available electronically.

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

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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 necessary and will continue to be made available.

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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.

Environmental Reminder Cards were made available to NYSTA staff. These cards are a convenient reference for best management practices most pertinent to their specific responsibilities. They are updated as necessary and replenished as stocks diminish.

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

Environmental Reminder Cards cover such topics as vehicle washing, ditch cleaning, stream protection, and more. Thirty (30) Reminder Card booklets were sent to the Buffalo Division in this reporting period.

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

30

*(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 update or add to these cards as necessary based on changing permit requirements or Authority practices. They will remain readily available to employees.

MS4 Annual Report Form

This report is being submitted for the reporting period ending **March 9, 2019**

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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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.

A poster describing "Good Housekeeping Practices" was displayed at restaurants in the 27 travel plazas along the Thruway. This poster educates restaurant employees on grease traps, dumpsters, and waste disposal.

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

This poster ensures important best management practice information is readily available to travel plaza restaurant employees. It is displayed at all 27 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).

This poster will continue to be displayed throughout the next reporting period. Replacement of posters in poor condition will occur as necessary.

MS4 Annual Report Form

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

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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 websites listed in this report were hosted throughout the year. Educational materials were available to the public on these sites. The 2017-2018 annual report was uploaded to the website and thus made available for public view. Internally, NYSTA posts stormwater education materials (maintenance directives for employees) on the Thruway intranet.

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

The publicly available downloadable materials are suitable for all ages, with some materials specifically targeted for children. From March 2018-March 2019 there were a total of 247 page views. Of these, 167 were unique visitors.

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

	2	4	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).

This annual report will be uploaded to the website along with any new materials which are suitable for the public. Website views will continue to be counted.

MS4 Annual Report Form

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Name of MS4/Coalition

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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 developed an educational stormwater video which airs at the 27 travel plazas throughout the thruway system. It discusses the connections between an individual's actions and stormwater quality. The video was aired for 364 days this reporting period. This video and its script were also available on the NYSTA website.

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

The video has the potential to reach a wide audience, as approximately 20 million visitors utilize the 27 travel plazas each year.

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).

The video was updated and reprogrammed in June 2017. The video will be updated regularly to keep current.

MS4 Annual Report Form

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New York State Thruway Authority

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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 staff mark storm drains with the phrase "only rain down the drain". A total of 484 storm drains were stenciled in the last reporting period.

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

Storm drain stenciling is a good visual tool for providing education on the importance of keeping storm drains clean to prevent water quality impacts. The stencils serve as a reminder that whatever goes in the storm drain ultimately makes its way to a waterway.

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

4 8 4

*(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 NYSTA will continue to re-stencil drains as needed.

MS4 Annual Report Form

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Name of MS4/Coalition

SPDES ID

Minimum Control Measure 2. Public Involvement/Participation

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

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

How many MS4s contributed to this report?

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

- Cleanup Events # Events
- Comments on SWMP Received # Comments
- Community Hotlines Phone # () -
Phone # () -
Phone # () -
Phone # () -
Phone # () -
Phone # () -
- Community Meetings # Attendees
- Plantings Sq. Ft.
- Storm Drain Markings # Drains
- Stakeholder Meetings # Attendees
- Volunteer Monitoring # Events
- Other:

2. Was public notice of availability of this annual report and Stormwater Management Program (SWMP) Plan provided? Yes No

- List-Serve # In List
- Newspaper Advertising # Days Run
- TV/Radio Notices # Days Run
- Other:
- Web Page URL: Enter URL(s) on the following two pages.

MS4 Annual Report Form

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

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

Name of MS4/Coalition SPDES ID

4.a. If this report was made available on the internet, what date was it posted?

Leave blank if this report was not posted on the internet.

/ /

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

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?

/ /

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.

MS4 Annual Report Form

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

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Name of MS4/Coalition

SPDES ID

Minimum Control Measure 3. Illicit Discharge Detection and Elimination

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

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

How many MS4s contributed to this report?

1. Enter the number and approx. percent of outfalls mapped: # %

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

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

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

Sewersheds:

MS4 Annual Report Form

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Name of MS4/Coalition

SPDES ID

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

- Broken Lines From Sanitary Sewer
- Industrial Connections
- Cross Connections
- Inflow/Infiltration
- Failing Septic Systems
- Pump Station Failure
- Floor Drains Connected To Storm Sewers
- Sanitary Sewer Overflows
- Illegal Dumping
- Straight Pipe Sewer Discharges
- Other:
- None

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

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

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

7. Has the storm sewershed mapping been completed in this reporting period?

Yes No

If No, approximately what percent was completed in this reporting period?

%

8. Is the above information available in GIS?

Yes No

Is this information available on the web?

Yes No

If Yes, provide URL(s):

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

URL

URL

MS4 Annual Report Form

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

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

Name of MS4/Coalition

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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.

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

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

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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).

MS4 Annual Report Form

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

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Name of MS4/Coalition

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.

Sixteen (16) stencils were provided to NYSTA staff to mark storm drains with the phrase "only rain down the drain". A total of 484 storm drains were stenciled during this reporting period.

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

Storm drain stenciling is a good visual tool for providing education on the importance of keeping storm drains clean to prevent water quality impacts. The stencils serve as a reminder that whatever goes in the storm drain ultimately makes its way to a waterbody.

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

	4	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).

The NYSTA will continue to refresh the stenciling as necessary.

MS4 Annual Report Form

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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 NYSTA continued to provide access to the right-of-way manual. Example sections of this manual are: creation or preservation of natural grassland areas and stream banks, daily right-of-way cleanup procedures, use of herbicide, drainage and stormwater facility maintenance, bridge washing, mowing, and toll lane cleaning.

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

There is one printed map book distributed to each Division (Albany, Buffalo, New York, and Syracuse), and one in the Bureau of Environmental Services office in the Albany headquarters. It is also available electronically via the Thruway intranet.

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).

The manual will continue to be made available and will be updated as necessary to reflect changing requirements and practices.

MS4 Annual Report Form

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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 were available to appropriate NYSTA staff. These maps are used as a reference by Section Supervisors to identify areas of special concern or interest when planning routine activities.

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

Map layers include 303(d) impaired waters listed in the GP-0-15-003 permit, TMDL watersheds, Rare Species and Natural Communities, National Register Sites, and E&F soils in AA or AA-s watersheds. There is a printed map set distributed to each Division (Albany, Buffalo, New York, and Syracuse), and a set in the Bureau of Environmental Services office in the Albany headquarters. These maps are also available 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 continue to be available to appropriate NYSTA staff and will be updated as necessary.

MS4 Annual Report Form

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

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Name of MS4/Coalition

New York State Thruway Authority

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N	Y	R	2	0	A	0	2	4
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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 provided Environmental Reminder Cards to keep them aware of environmental best management practices pertaining to their daily responsibilities. These cards are updated as protocols change.

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

Thirty (30) sets of Environmental Reminder Cards were distributed among NYSTA staff during this reporting period. Some of the topics discussed were vehicle washing, ditch cleaning, and stream protection.

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

		3	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 make these cards accessible to staff. Cards will be updated or added as necessary based on changes to permit requirements or Authority practices.

MS4 Annual Report Form

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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.

NYSTA staff are responsible for driving sections of the 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, oil sheens, odors, and staining.

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

By incorporating illicit discharge detection into everyday activities, it keeps employees aware of the issue. No illicit discharges were identified in this reporting period.

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).

NYSTA will continue to conduct these inspections regularly and utilize the IIIS system as necessary.

MS4 Annual Report Form

This report is being submitted for the reporting period ending **March 9, 2019**

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Name of MS4/Coalition

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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.

Environmental audits are conducted annually at the 21 NYSTA maintenance facilities. A summary of these audits is sent to NYSDEC at part of the State Agency Environmental Audit (SAEA) process.

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

Audits are conducted by each of the four Thruway divisions (Albany, Buffalo, New York, and Syracuse). No significant non-compliance items were identified. All minor issues have been corrected.

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

		2	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).

These audits will continue in the next reporting year and any areas of non-compliance will be identified and addressed.

MS4 Annual Report Form

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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. Twenty-four were inspected in this reporting period.

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 the delegated staff who then notify the appropriate enforcement agency (DEC Region of County DOH). The information is then recorded on form TA-N41127-9 and filed in the NYSTA Division office. No large culvert issues were noted this year.

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

		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).

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, 2 0 1 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.

Posters describing the proper use and maintenance of oil/water separators are displayed at all 21 NYSTA maintenance facilities. These posters keep best management practices readily available to the facility staff.

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

Information on these posters includes guidance on oil dumping, detergents and degreasers, accidental releases, inspections, and maintenance. A diagram of an oil/water separator is also included. Lost or damaged posters are replaced as need. In the last reporting year, 27 posters were replaced.

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

27

*(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 posters will continue to be displayed and replaced as necessary throughout the next reporting period.

MS4 Annual Report Form

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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.

New York Division outfalls were inspected for indicators of illicit discharges.

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

Approximately half of the New York Division outfalls were inspected during this reporting period (238). This represents 20% of the 1,174 total Thruway outfalls. The New York Division was also reviewed to confirm all outfalls have been accounted for.

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

	2	3	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).

Outfalls will continue to be inspected each year by division on a rotating basis. In the next reporting year, the remainder of the New York Division will be inspected.

MS4 Annual Report Form

This report is being submitted for the reporting period ending **March 9, 2019**

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Name of MS4/Coalition

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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 outfall inventory is currently being reviewed to confirm all outfalls have been mapped and are being inspected. The New York Division was targeted this period. Fourteen additional outfalls were identified.

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

Verifying the accuracy of the outfall inventory is crucial to effectively identifying and addressing illicit discharges.

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

		1	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).

Review for new outfalls will continue to occur concurrently with the inspection of existing mapped outfalls. Due to the size of the New York Division, outfall inspection will be completed across two years; 2018 and 2019. Review of the New York Division for new outfalls was completed in 2018, so no review will be conducted in 2019. Review for new outfalls will resume in 2020 in the Buffalo Division.

MS4 Annual Report Form

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

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

Name of MS4/Coalition

SPDES ID

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

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

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

How many MS4s contributed to this report?

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

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

If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law.

09/2004 03/2006 NT

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

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

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

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

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

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

- Notices of Violation #

--	--	--	--	--	--

 No Authority
- Stop Work Orders #

--	--	--	--	--	--

 No Authority
- Criminal Actions #

--	--	--	--	--	--

 No Authority
- Termination of Contracts #

--	--	--	--	--	--

 No Authority
- Administrative Fines #

--	--	--	--	--	--

 No Authority
- Civil Penalties #

--	--	--	--	--	--

 No Authority
- Administrative Orders #

--	--	--	--	--	--

 No Authority
- Enforcement Actions or Sanctions #

--	--	--	--	--	--

 No Authority
- Other #

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 No Authority

MS4 Annual Report Form

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

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

Name of MS4/Coalition

SPDES ID

Minimum Control Measure 4. Construction Site Stormwater Runoff Control

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

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

How many MS4s contributed to this report?

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

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

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

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

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

6. Does your MS4/Coalition provide public access to Stormwater Pollution Prevention Plans (SWPPPs) of construction projects that are subject to MS4 review and approval? Yes No NT

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

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

Name of MS4/Coalition

SPDES ID

6. con't.:

Submit additional pages as needed.

MS4/Coalition Office

Department

Address

City

Zip

 -

Phone

() -

Library

Address

City

Zip

 -

Phone

() -

Other

Address

City

Zip

 -

Phone

() -

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

URL

URL

MS4 Annual Report Form

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

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

Name of MS4/Coalition

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.**B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.****C. How many times was this observation measured or evaluated in this reporting period?**

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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).

MS4 Annual Report Form

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

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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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 ensure that erosion and sediment control plans were present when necessary and each work site had at least one person who has received the 4-hour inspector training.

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

Confirming that E&S plans were present and knowledgeable people were on-site helps ensure that best management practices are followed. Fourteen (14) construction projects requiring E&S plans and inspectors were active during this reporting year.

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

		1	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 verify these items at active construction sites where necessary.

MS4 Annual Report Form

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

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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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.

Appropriate staff has access to the General Permit Stormwater Maps. These maps are a useful resource in planning NYSTA activities.

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

The maps display the following layers: 303(d) impaired waters listed in the GP-0-15-003 permit, TMDL watersheds, Rare Species and Natural Communities, National Register Sites, and E&F soils in AA and AA-s watersheds. One printed copy is provided to each Division (Albany, Buffalo, New York, and Syracuse), and one is available at the Bureau of Environmental Services office in the Albany headquarters.

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 continue to be available to appropriate staff and will be updated as necessary.

MS4 Annual Report Form

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

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

Name of MS4/Coalition

SPDES ID

Minimum Control Measure 5. Post-Construction Stormwater Management

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

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

How many MS4s contributed to this report?

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

	# Inventoried	# Inspections	# Times Maintained
<input type="radio"/> Alternative Practices	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Filter Systems	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Infiltration Basins	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Open Channels	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Ponds	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Wetlands	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Other	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

Yes No

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

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

Other:

MS4 Annual Report Form

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

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

Name of MS4/Coalition

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SPDES ID

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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?

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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?

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 %

MS4 Annual Report Form

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

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

Name of MS4/Coalition

SPDES ID

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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.**B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.****C. How many times was this observation measured or evaluated in this reporting period?**

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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).

MS4 Annual Report Form

This report is being submitted for the reporting period ending **March 9, 2019**

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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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.

A GIS map and inventory of post-construction stormwater management features was maintained by the NYSTA.

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

The inventory and GIS map are used to identify and locate post-construction stormwater management controls for maintenance and inspections. Twenty new controls were added to the inventory and map this reporting year.

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

		2	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 inventory and map will continue to be utilized throughout the next reporting year. New post-construction stormwater controls will be added as they are constructed.

MS4 Annual Report Form

This report is being submitted for the reporting period ending **March 9, 2019**

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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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.

A searchable database was created to maintain inventory and inspection data for NYSTA's permanent stormwater controls. This database has since been incorporated into the IIIS system where it is used by NYSTA staff to organize inventory and inspection information, and track any issues.

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

Eleven dry swales, four bio-retention areas, two wet ponds, one level spreader, one area of porous pavement, and one underground stormwater storage system were added to the database this reporting period. Such information maintained includes inspection dates, maintenance dates, inspection forms and notes, locations, feature numbers, year built, dimensions, UTM location, and the site plan/drawing.

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

		2	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 database will continue to be utilized to manage this information throughout the next reporting year.

MS4 Annual Report Form

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

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

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 continued to review permanent stormwater control designs.

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

The review process ensures post-construction controls are in compliance with the General Permit. NYSTA reviewers are trained on verifying design calculations and permit requirements. Three (3) SWPPPs were reviewed during this reporting year.

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

			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).

This review process will continue through the next reporting year.

MS4 Annual Report Form

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

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

Name of MS4/Coalition

SPDES ID

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 type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Street Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bridge Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Winter Road Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Salt Storage.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solid Waste Management.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
New Municipal Construction and Land Disturbance..	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Right of Way Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Marine Operations.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrologic Habitat Modification.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Parks and Open Space.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Municipal Building.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stormwater System Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vehicle and Fleet Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MS4 Annual Report Form

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

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

Name of MS4/Coalition

SPDES ID

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
- Catch Basins Inspected and Cleaned Where Necessary #
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #
- Phosphorus Applied In Chemical Fertilizer # Lbs.
- Nitrogen Applied In Chemical Fertilizer # Lbs.
- Pesticide/Herbicide Applied # Acres .
(Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.)

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

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

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

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

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

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.**B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.****C. How many times was this observation measured or evaluated in this reporting period?**

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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).

MS4 Annual Report Form

This report is being submitted for the reporting period ending **March 9, 2019**

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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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.

Living snow fences have been installed parallel to the highway. Rows and clusters of willow trees and evergreens were strategically planted to prevent snow from blowing onto the thruway travel lanes.

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

Blowing and drifting snow can be a safety hazard, but can also affect stormwater quality. Less snow on the roadway allows the Thruway Authority to apply less salt and sand, which improves the quality of the stormwater runoff. Approximately 2,450 willows in the Syracuse Division and 3,000 willows in the Buffalo Division were planted this reporting period.

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

5	4	5	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).

Living snow fences will continue to be installed in high-priority areas throughout the next reporting period.

MS4 Annual Report Form

This report is being submitted for the reporting period ending **March 9, 2019**

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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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.

Stormwater General Permit maps are used as a reference for NYSTA Section Supervisors to identify areas of special concern/interest while planning NYSTA activities.

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

Map layers include 303(d) impaired waters listed in the GP-0-10-002 permit, TMDL watersheds, Rare Species and Natural Communities, National Register Sites, and E&F soils in AA and AA-s watersheds. One map set is provided to each Division (Albany, Buffalo, New York, and Syracuse), and one is available at the Bureau of Environmental Services office in the Albany headquarters. These maps are also available 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 continue to be available throughout the next reporting year. Updates will be made as necessary.

MS4 Annual Report Form

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

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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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.

Posters describing the proper use of oil/water separators are displayed at each of the 21 maintenance facilities. These posters remind staff of the proper use and maintenance 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. The also discuss oil dumping, detergents and degreasers, accidental releases, inspections, and maintenance. A diagram of a separator is included on the poster. 29 replacements were issued this year for lost or damaged posters.

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

		2	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).

The posters will continue to be displayed. Replacements will be available as necessary.

MS4 Annual Report Form

This report is being submitted for the reporting period ending **March 9, 2019**

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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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 Stormwater Pollution Prevention posters are on display at each of the 27 service plazas, 21 maintenance facilities, and 18 water treatment plants. These posters keep best management practices and indicators of illicit discharges in the minds of the NYSTA staff.

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

The posters include practices for cleaning floor mats, recycling oil and grease, disposal of mop water, dumpster use, pesticide storage and application, deicer application, hazardous waste storage, waste product storage and disposal, vehicle washing, chemical and vehicle fluid spills, and illicit discharge reporting. Photos are included on the posters of proper vs. improper practices and indicators of illicit discharges.

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

		6	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).

The posters will continue to be displayed. Updates and replacements will be made as needed.

MS4 Annual Report Form

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

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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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.

Environmental Reminder Cards were provided to NYSTA staff. These cards remind staff of best management practices pertaining to their positions.

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

Topics covered by the Cards include vehicle washing, ditch cleaning, and stream protection best management practices. Thirty (30) sets were distributed among employees last reporting period.

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

3 0

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

These cards will continue to be available to NYSTA staff. Information will be added or updated as necessary.

MS4 Annual Report Form

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New York State Thruway Authority

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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.

"Good Cleaning Practices" posters were displayed at restaurants in the 27 travel plazas along the Thruway. These posters discuss grease traps, dumpsters, and waste disposal.

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

The poster reminds restaurant employees of the best management practices pertaining to their responsibilities.

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 will continue to be displayed at these locations. Those which are in poor condition will be replaced.

MS4 Annual Report Form

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Additional Watershed Improvement Strategy Best Management Practices

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

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

How many MS4s contributed to this report?

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

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

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

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SPDES ID

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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?

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

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 %

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

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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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SPDES ID

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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