

**City of Saratoga Springs, New York
SPDES ID # NYR20A216**

Stormwater Management Program

**Annual Report – Year 11
(March 2013 – March 2014)**

**SPDES General Permit No. GP-0-10-002 for
Stormwater Discharges From
Municipal Separate Storm Sewer Systems (MS4's)**

May 2014

MS4 Annual Report Cover Page

MCC 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, 2 0 1 4

Name of MS4

SPDES ID
N Y R 2 0 A 2 1 6

Each MS4 must submit an MCC form.

Section 1 - MCC Identification Page

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

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

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

If Joint Report, enter coalition name:

S	a	r	a	t	o	g	a		C	o	u	n	t	y		I	n	t	e	r	m	u	n	i	c	i	p	a	l
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MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 1 4

Name of MS4 City of Saratoga Springs

SPDES ID
N Y R 2 0 A 2 1 6

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
T i m o t h y
MI
W
Last Name
W a l e s P . E .

Title
C i t y E n g i n e e r

Address
4 7 4 B r o a d w a y

City
S a r a t o g a S p r i n g s
State
N Y
Zip
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eMail
t i m . w a l e s @ s a r a t o g a - s p r i n g s . o r g

Phone
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County
S A R A T O G A

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9,

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Name of MS4

City of Saratoga Springs

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- Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

First Name

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MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2014

Name of MS4

City of Saratoga Springs

SPDES ID

NYR20A216

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

Sarato ga County Inter municipal

Partner/Coalition Name (con't.)

Storm water Mgt. Program

SPDES Partner ID - If applicable

NYR20C006

Address

50 West High Street

City

Ballston Spa

State

NY

Zip

12020 -

eMail

brn52cornell.edu

Phone

(518) 885-8995

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 Education & Outreach
- MM2 Material & Technical Support
- 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, 2014

Name of MS4

SPDES ID
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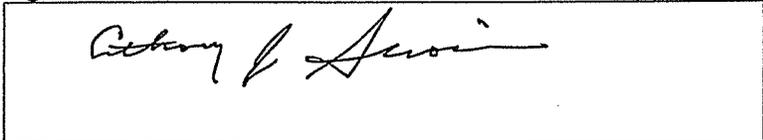
Section 4 - Certification Statement

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

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

First Name MI 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

City of Saratoga Springs

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MS4 Annual Report Form

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Name of MS4/Coalition

City of Saratoga Springs

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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.

Continue participation in the Saratoga County CCE ISWM Program's Stormwater Management Public Education and Outreach.

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

All selected BMPs detailed in the ISWM Program Plan continue to be implemented.

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).

Continue implementation of the Saratoga County I-SWM Program Education/Outreach Program

- Maintain website; ongoing throughout the year
- Maintain "Town Hall" display/kiosks; ongoing throughout the year
- Continue direct education/outreach programming; ongoing throughout the year
- Continue SW Regional Training Center w/John Dunkle; ongoing throughout the year

MS4 Annual Report Form

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

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

Name of MS4/Coalition: City of Saratoga Springs

SPDES ID
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2. URL(s) con't.:

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

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MS4 Annual Report Form

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Name of MS4/Coalition: City of Saratoga Springs

SPDES ID: N Y R 2 0 A 2 1 6

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

D P W E n g i n e e r i n g

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City

S a r a t o g a S p r i n g s

Zip

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Phone

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Library Annual Report SWMP Plan Comments

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City

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Other Annual Report SWMP Plan Comments

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City

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City of Saratoga Springs																			
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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?

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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.

MS4 Annual Report Form

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Name of MS4/Coalition

City of Saratoga Springs																			
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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.

Continue to sponsor and support local stewardship activities.
Continue to participate with the ISWM Program publication of a Combined Saratoga County MS4 Annual Report.

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

The Town/City/Village of _____ MS4 Annual Report was delivered complete and on-time to the ISWM Program Coordinator.

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).

Continue all specified measures detailed in the Town/City/Village of _____ SWMP Plan.
Continue to participate in the ISWM Program publication of a Combined Saratoga County MS4 Annual Report.

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

City of Saratoga Springs

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.

Test samples of stormwater collected from areas of the City which have higher potential to generate polluted stormwater such as the downtown business district, neighborhoods with older infrastructure, and areas with recurring sewer problems or numerous public complaints. Testing parameters shall be based on known Pollutant(s) of Concern or specific findings from field investigations.

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

A total of two (2) sampling events were conducted in early June and late August. Targeted outfalls are located at the discharge pipes of seventeen (17) sub-drainage areas where stormwater enters into a major municipal storm water carrier system. Lab tests focused on identifying sanitary pollution (e.g. fecal coliform) as this has been identified as a Pollutant of Concern particularly in the inner city district due to older infrastructure.

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).

Sampling will continue to monitor stormwater discharge. If detected, the contamination will be thoroughly investigated and traced back to its' source followed by remediation and repair of the problem.

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

City of Saratoga Springs, NY

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.

Inventory new (or newly discovered) stormwater outfalls and show their location on the City's Stormwater Outfall Map. Also conduct a thorough field inspection of each outfall, record and maintain data from these inspections. Re-inspect at least 20% of inventoried outfalls per year so that each outfall is re-visited at least once every five years.

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

Nineteen (19) stormwater outfalls were re-inspected. To date, all previously inventoried stormwater outfalls have been inventoried, mapped, and inspected at least once during the past five years. New outfalls constructed over the past report year are scheduled to be inspected this year.

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

		1	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).

As new stormwater outfalls are constructed (or discovered) they will be inventoried, mapped, and inspected. In addition, at least (20%) of previously inventoried outfalls will be re-inspected in the coming report year such that all outfalls are inspected at least once every five years.

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

City of Saratoga Springs, NY																																							
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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.

Update and maintain maps of the municipal sanitary and storm sewer systems to help facilitate the IDDE program as well as infrastructure maintenance and repair. In conjunction with the re-mapping efforts, also conduct inspections of manholes, storm inlets, carrier pipe, and related infrastructure to identify possible sources of stormwater contamination.

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

Since re-mapping efforts began, the municipal sanitary sewer and stormwater sewer systems located within the City's inner district have been updated. This work includes manhole inspections in addition to smoke & dye testing along with video inspection of sewer pipes when needed to help identify illicit discharges as well as evaluate pipe condition.

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).

Sampling will continue to monitor stormwater discharge. If detected, the contamination will be thoroughly investigated and traced back to its' source followed by remediation and repair of the problem.

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

City of Saratoga Springs, NY									
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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.

Illicit dumping and discharge of pollutants poses a significant threat to stormwater quality. These forms of point-source pollution can be minimized through implementation of a comprehensive IDDE program. To be effective, the IDDE program must raise public awareness about various sources of stormwater pollution and the resulting harm on natural water resources and the environment.

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

Continued implementation of the City's IDDE Program has helped to identify and eliminate numerous sources of stormwater pollution since the program began. To increase public awareness, more than (9200) utility bills (4x per year) were mailed to residents containing information and tips on preventing stormwater pollution. "Don't Pollute Stormwater..." storm drain markers are also installed in high foot-traffic areas around the City. Unfortunately, no drain markers were installed

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

9	2	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 City will continue to administer and implement it's IDDE Program. Residents will continue to see educational information regarding stormwater pollution prevention included on their quarterly utility bills. Additional storm drain markers will be installed (or replaced) to make up for the past years inactivity.

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

City of Saratoga Springs									
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SPDES ID

N	Y	R	2	0	A	2	1	6
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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?

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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?

	1	2
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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?

		0
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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 #

					2
--	--	--	--	--	---

 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 #

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 No Authority
- Other #

			1		5
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 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

City of Saratoga Springs									
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SPDES ID

N	Y	R	2	0	A	2	1	6
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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?

		5
--	--	---

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

	1	4
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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

	9	3
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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,

2	0	1	4
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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

City of Saratoga Springs									
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SPDES ID

N	Y	R	2	0	A	2	1	6
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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.

Assign trained and qualified staff to review Stormwater Pollution Prevention Plans, Erosion and Sediment Control Plans, construction drawings, and other project documents to insure they comply with the SPDES General Permit for Construction Activity, NYS Stormwater Management Design Manual, the NYS Standards and Specifications for Erosion and Sediment Control, and local stormwater management laws.

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

A total of twelve (12) Stormwater Pollution Prevention Plans (SWPPP) were reviewed by the City Engineers Office to determine compliance with the SPDES General Permit for Construction Activity, NYS Stormwater Management Design Manual, the NYS Standards and Specifications for Erosion and Sediment Control, and local stormwater management laws.

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

		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).

Construction proposals will be required to submit a Basic or Full SWPPP to the City Engineers Office for review to insure erosion control measures and stormwater management practices are installed in compliance with stormwater design specifications and requirements.

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

City of Saratoga Springs, NY

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 (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.

Administer an oversight program to insure required Erosion and Sediment Control measures are in place at construction sites. Developer's are required to have regular inspections performed by a qualified professional and inspection reports filed for review. The program also provides for site inspections by City officials and provides enforcement authority if a construction site fails to comply with the development's Erosion and Sediment Control Plan and/or General SPDES Permit.

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

A total of eighteen (18) construction sites were active during the report period each of which was regularly (once per seven days) inspected by the project owner's designated stormwater professional. Periodic inspections were also conducted by City officials to monitor site conditions and insure compliance with the approved Erosion and Sediment Control Plan and/or General SPDES Permit.

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

		1	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 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).

The City will continue to oversee and conduct an inspection program to insure construction sites are managed in accordance with stormwater regulations and requirements. Projects which fail to comply with these requirements will be subject to enforcement action(s) as set forth in the City's MS4 Permit and Local Law(s).

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

City of Saratoga Springs, NY			
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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.

Provide information and SWMP updates to developers, engineers, and contractors to assist them in meeting pre- and post-construction stormwater management requirements. This includes working closely with project owners and engineers during the planning and design stages, and requiring they attend a pre-construction meeting with the City Engineer to insure they understand the stormwater requirements.

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

The City Engineer's Office requires the project owner, engineer, and general contractor to attend a pre-construction meeting at which time stormwater requirements are discussed so parties are well informed. A total of (8) pre-construction meetings took place during this report period. The City Engineers Office also distributed information to local design engineers and site contractors via a group e-mail directory.

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

			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).

Pre-construction meetings will remain a prerequisite to obtaining approval from the City Engineer to commence work on construction projects. The City Engineers Office will continue to provide information (e.g. regulation updates, training announcements, general stormwater information) to local design engineers and site contractors to help them meet State and Local stormwater requirements.

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

City of Saratoga Springs									
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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?

		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?

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

Name of MS4/Coalition

City of Saratoga Springs

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.

Record inventory of new SMP's and document their respective project name and address, responsible ownership, type or category of the practice, and any specific maintenance requirements.

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

Stormwater Pollution Prevention Plans, construction drawings, as-built drawings, and field inspections were used to identify and document ten SMP's installed.

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

		1	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 City Engineers Office will continue to inventory and update its database of SMP's that are identified during the project review process, from as-built drawings submitted after project completion, and from field inspections during project construction.

MS4 Annual Report Form

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

2	0	1	4
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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

City of Saratoga Springs, NY

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.

Insure pre- and post-construction stormwater management practices in a project's SWPPP meet the requirements of the New York State Stormwater Management Design Manual, General SPDES Permit for Construction, and applicable Local Laws. Also promote the use of specific stormwater management practices (SMP's) considered by the City Planners Office to enhance their planning and development goals.

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

A total of (12) SWPPP's were reviewed by the City Engineers Office as to their means to minimize erosion, reduce stormwater runoff, and protect water quality in accordance with current regulations and design standards. The City Planner as well as Planning Board also reviews post-construction stormwater management plans in terms of compatibility with the City's land use regulations and long-term planning goals.

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

1	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).

Project proposals which require a SWPPP (Basic or Full) will be reviewed by the City Engineers Office in conjunction with the City Planners Office to insure stormwater management practices meet State and local design standards.

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

City of Saratoga Springs																			
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SPDES ID

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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?

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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 checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Bridge Maintenance.....	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Winter Road Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Salt Storage.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Solid Waste Management.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
New Municipal Construction and Land Disturbance..	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Right of Way Maintenance.....	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Marine Operations.....	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Hydrologic Habitat Modification.....	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Parks and Open Space.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Municipal Building.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Stormwater System Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Vehicle and Fleet Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Other.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

MS4 Annual Report Form

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

2	0	1	4
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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

City of Saratoga Springs									
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SPDES ID

N	Y	R	2	0	A	2	1	6
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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

			1	0
--	--	--	---	---
- Streets Swept (Number of miles X Number of times swept) # Miles

		2	8	1
--	--	---	---	---
- Catch Basins Inspected and Cleaned Where Necessary #

		1	8	4
--	--	---	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #

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

			2	4
--	--	--	---	---
- Nitrogen Applied In Chemical Fertilizer # Lbs.

			9	9
--	--	--	---	---
- Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.) # Acres

		1	6	.	8
--	--	---	---	---	---

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

				0
--	--	--	--	---

4. What was the date of the last training?

0	3
---	---

 /

0	6
---	---

 /

2	0	1	3
---	---	---	---

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

		0
--	--	---

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

	9	0
--	---	---

 %

MS4 Annual Report Form

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

2	0	1	4
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Name of MS4/Coalition

City of Saratoga Springs

SPDES ID

N	Y	R	2	0	A	2	1	6
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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.

Continue to inform the public and employees with stormwater education.

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

Public Works employees from streets & highways, sewer & water, and buildings & grounds divisions did not attend an in-house training session this year but were provided with an educational handout highlighting Best Management Practices (BMP's) at the workplace. The handout addressed spill prevention tactics, spill response and clean-up procedures, and also included basic information on the DPW Garage SPCC Plan. A total of (94) employees were provide with a copy of the handout.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Education and training are critical components toward the successful implementation of a comprehensive Best management Practice program. Public Works employees will continue to be provided with educational materials and/or additional training. In addition, staff from other departments whose work touches upon stormwater pollution issues will be made aware of and encouraged to attend classes and workshops.

MS4 Annual Report Form

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Name of MS4/Coalition

City of Saratoga Springs, NY

SPDES ID

N	Y	R	2	0	A	2	1	6
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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.

Maintain equipment and vehicles in good working order to prevent fluid leaks and other sources of pollution. Perform maintenance, repairs, and washing indoors to prevent outdoor exposure and polluted runoff . Focus attention on vehicle fueling station and implement Best Management Practices (BMP's) to prevent spills and respond effectively in the event of a spill.

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

Equipment operators inspect machinery and vehicles daily to identify leaks or other problems. Staff mechanics perform regular maintenance and needed repairs. All mechanical work is done indoors at the Public Works garage. Washing with soaps or detergents is limited to indoor wash bays where drains are connected to oil-water separator. Fuel station activity is monitored by dispatcher office and spill clean-up materials are readily available. BMP's practiced on a daily basis.

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

	3	6	5
--	---	---	---

(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Facilities involved in the repair, fueling, or washing of equipment and vehicles are pollutant "hot spots" and as such must be managed and monitored closely. In addition, employees using the facility will receive stormwater pollution prevention training as well as be provided with necessary clean-up materials to remediate a spill.

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.

Perform routine street sweeping to remove dirt and debris from street and road surfaces in order to prevent street-borne pollutants from entering storm drains or discharging to open water bodies. Also perform routine catch basin cleaning to remove sediment and debris accumulating in the sumps of these structures.
--

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

Each street or road within the City was swept at least one time at the end of the winter sand & salt season. Additionally, streets in and around the downtown business district, the Saratoga Horse Tracks, and other business neighborhoods were routinely swept during the Spring, Summer and Fall seasons. A total of (184) catch basins were cleaned using a vacuum and sewer jet unit (Vactor 2100) to remove sediment and debris from the sumps of these structures.
--

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

	1	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).

A similar street sweeping program will be carried out this coming report period using a fleet of (2) Pelican sweepers. The City has purchased (2) new sweepers to be delivered this coming report year to replace the older models. This activity has been effective in removing large amounts of sand, street litter, and other debris from City streets and roadways. Debris that does wash into street drains will be removed as part of the City's catch basin cleaning efforts.
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MS4 Annual Report Form

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N	Y	R	2	0	A	2	1	6
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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.

Improper handling, storage, and disposal of hazardous materials poses a high potential to produce polluted stormwater runoff. Training employees and implementing Best Management Practices (BMP's) such as proper handling and storage of hazardous materials, spill prevention techniques, and an organized clean-up response will help prevent polluted runoff.
--

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

Hazardous materials are stored indoors or undercover on impervious surfaces. Storage tanks and drums have proper spill containment and are regularly inspected. Used motor oil/filters, parts solvent, soiled rags, paints and spirits, and other hazardous materials are collected and disposed of by certified disposal contractors. BMP's are implemented every day at facilities which handle, use, and store hazardous materials or waste products.
--

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

	3	6	5
--	---	---	---

(ex.: samples/participants/events)

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

Hazardous materials will be handled, stored, and disposed of in a manner that reduces the potential for generating polluted stormwater runoff. Employees will be provided with training and informative materials to increase awareness and promote Best Management Practices in the workplace.

MS4 Annual Report Form

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

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Name of MS4/Coalition

City of Saratoga Springs, NY									
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SPDES ID

N	Y	R	2	0	A	2	1	6
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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?

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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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2	0	1	3
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Name of MS4/Coalition

City of Saratoga Springs, NY									
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SPDES ID

N	Y	R	2	0	A	2	1	6
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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?

--	--	--

 %

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?

--	--	--

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

--	--	--

 %

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

--	--	--

 %
 No Projects Planned

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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2	0	1	3
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City of Saratoga Springs, NY									
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SPDES ID

N	Y	R	2	0	A	2	1	6
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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