

MS4 Municipal Compliance Certification(MCC) Form

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

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

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Name of MS4 Warren County

SPDES ID
N Y R 2 0 A 1 1 5

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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: J a m e s MI: R Last Name: L i e b e r u m

Title: D i s t r i c t M a n a g e r

Address: 3 9 4 S c h r o o n R i v e r R o a d

City: W a r r e n s b u r g State: N Y Zip: 1 2 8 8 5 -

eMail: j i m 9 9 @ n y c a p . r r . c o m

Phone: (5 1 8) 6 2 3 - 3 1 1 9 County: W a r r e n

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Section 3 - Partner Information

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

If Yes, complete information below.

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

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name

Partner/Coalition Name (con't.) SPDES Partner ID - If applicable
N Y R 2 0

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.

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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

Frank E. Thomas

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, 2 0 2 0

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

N	Y	R	2	0	A	1	1	5
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3. What strategies did your MS4/Coalition use to achieve education and outreach goals during this reporting period? Check all that apply:

<input checked="" type="radio"/> Construction Site Operators Trained	# Trained	<table border="1" style="border-collapse: collapse;"><tr><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;">1</td><td style="width: 20px;">3</td><td style="width: 20px;">2</td></tr></table>			1	3	2
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<input checked="" type="radio"/> Kiosks or Other Displays	# Locations	<table border="1" style="border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td>3</td></tr></table>					3
				3			
<input type="radio"/> List-Serves	# In List	<table border="1" style="border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>					
<input checked="" type="radio"/> Mailing List	# In List	<table border="1" style="border-collapse: collapse;"><tr><td> </td><td> </td><td>8</td><td>9</td><td> </td></tr></table>			8	9	
		8	9				
<input checked="" type="radio"/> Newspaper Ads or Articles	# Days Run	<table border="1" style="border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>					
<input checked="" type="radio"/> Public Events/Presentations	# Attendees	<table border="1" style="border-collapse: collapse;"><tr><td> </td><td> </td><td>4</td><td>0</td><td>0</td></tr></table>			4	0	0
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<input checked="" type="radio"/> School Program	# Attendees	<table border="1" style="border-collapse: collapse;"><tr><td> </td><td> </td><td>3</td><td>6</td><td>3</td></tr></table>			3	6	3
		3	6	3			
<input type="radio"/> TV Spot/Program	# Days Run	<table border="1" style="border-collapse: collapse;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>					
<input checked="" type="radio"/> Printed Materials:	Total # Distributed	<table border="1" style="border-collapse: collapse;"><tr><td> </td><td> </td><td>1</td><td>1</td><td>5</td></tr></table>			1	1	5
		1	1	5			

Locations (e.g. libraries, town offices, kiosks)

W	a	r	r	e	n		C	o	u	n	t	y		S	W	C	D		
W	a	r	r	e	n		C	o	u	n	t	y		D	P	W			
W	a	r	r	e	n		C	o	u	n	t	y		C	e	n	t	e	r

Other:

T	r	a	i	n	i	n	g	s		/		P	r	e	s	e	n	t	a	t	i
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Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL

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MS4 Annual Report Form

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

2	0	2	0
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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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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.

Perform five educational events.

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

Held 3 in-county erosion and sediment control trainings for contractors (March 2019, September 2019, Jan 2020). Hosted 2 stream clean ups (Aug 2019), presented the the Warren County Spring Zing (May 2019), Assisted with the 2019 North County Stormwater Tradeshow (Oct. 2019), presented a MS4 IDDE an Spill Prevention Training in Lake George (Feb 2020).

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).

Continuing to host E&S trainings, assist with developing the 16th Annual stormwater tradeshow, host the Warren County Envirothon and other events as determined throughout the year.

MS4 Annual Report Form

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Name of MS4/Coalition

SPDES ID

N	Y	R	2	0	A	1	1	5
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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 (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.

Work with media outlets to have articles and information in the Glens Falls Post Star and Chronicle (and other outlets) about stormwater projects, stream cleanups and other water quality issues.

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

There were a total of 32 articles and electronic posts that dealt with stormwater, education and water quality issues (21 Facebook articles/posts, 11 articles in Post Star and other newsletter).

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

		3	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 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).

Continue developing articles in house and with media outlets.

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

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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.

Engage the Glen Lake Association and the Lake Sunnyside Association in regards to stormwater issues. Offer information and presentations to the groups on how impacts may be lessened through mitigation projects.

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

The Glen Lake Association and Lake Sunnyside have partnered with SUNY Adirondack to conduct water quality sampling through the college's program.

Both associations are members of the Warren County Water Quality Strategy Committee.

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

				2
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(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Continue to work with Associations to reduce stormwater impacts on the respective lakes within the County right of way.

Continue to educate WC HWD staff on importance of maintenance activities within the watersheds.

MS4 Annual Report Form

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Name of MS4/Coalition

Warren County

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.

Utilize and disperse brochures and other literature developed by the Regional Planning Board, the SWCD and the DEC regarding stormwater runoff. Get information out to public forums and to youth events as appropriate.

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

Stormwater and erosion control project information disseminated through the SWCD Annual Report. Following info is available at SWCD and DPW offices and is provided at public education events: (1) Car Oil Poster, (2) Lawn Fertilizer poster, (3) Pet Waste Reduction poster, (4) Proper Ditching Brochure, (5) Erosion and Sediment Control, (6) Stormwater Control brochure, (7) Rain Garden Poster (SWCD office only).

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

			2
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(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Continue to disperse information to public at various public locations. Increase literature handouts and add on electronic database to email to schools.

Reach out to alternative/additional locations to improve dissemination of materials.

MS4 Annual Report Form

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4. Evaluating Progress Toward Measurable Goals MCM 1

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

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

Maintain information repository on Warren SWCD website for stormwater information.

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

The MS4 section of the SWCD website continued to be updated during the 2019-2020 MS4 year (www.warrenswcd.org/ms4.html) and includes diversified information on the MS4 program for landowners, agencies and contractors.

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

			2
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(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Continue to add new information, continue to focus on LID and green infrastructure for public education and outreach.

MS4 Annual Report Form

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Name of MS4/Coalition

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2. URL(s) con't.:

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

URL

URL

URL

URL

URL

URL

URL

MS4 Annual Report Form

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Name of MS4/Coalition SPDES ID

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

 Address

 City Zip
 Phone

- Library Annual Report SWMP Plan Comments

Address

 City Zip -
 Phone

- Other Annual Report SWMP Plan Comments

Address

 City Zip
 Phone

- Web Page URL: Annual Report SWMP Plan Comments

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

- eMail Comments

MS4 Annual Report Form

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Warren County

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N	Y	R	2	0	A	1	1	5
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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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3	0
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4.b. For how many days was/will this report be posted?

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

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

Yes No

If Yes, what was the date of the meeting?

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If No, is one planned?

Yes No

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

Yes No

If No, is one planned for each?

Yes No

6. Were comments received during this reporting period?

Yes No

If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.

MS4 Annual Report Form

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

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Name of MS4/Coalition

Warren County

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N	Y	R	2	0	A	1	1	5
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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.

Organize and undertake the Warren County Envirothon: an educational competition for high school students. Glens Falls, Queensbury and Lake George students are attendees.

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

24 students from Glens Falls, Lake George and Queensbury participated in the Warren County Envirothon (May 2019).

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 to encourage participation and increase stormwater awareness opportunities at the event.

MS4 Annual Report Form

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N	Y	R	2	0	A	1	1	5
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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.

Install ten stormdrain markers on county roads within the Ms4 area.

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

A total of 10 storm drain markers were installed this year, placed on Bat Road in the Town of Queensbury. One volunteer assisted SWCD staff.

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 to promote education of stormwater impacts at the neighborhood level, increase volunteers and place a minimum of 10 stormdrain markers on county roads within the MS4 area.

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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.

Prepare and present an Annual Report for Public Review. Provide hard copies to public at WC DPW and WC SWCD offices.

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

Public review began on April 29, 2019 and closed May 17, 2019. WC BOS adopted 2018-2019 report on May 17, 2019. Hard copies developed and made available at WC DPW, WC Board of Supervisors Office and WC SWCD after report approval.

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 to have report available for public review electronically and hard copy. Once approved, report will be available electronically at the Warren County website, Warren County SWCD website and hardcopy at WC DPW, WC SWCD and Warren County Board of Supervisor's office. 2018-2019 report stated availability at WC Clerk's office, that was in reference to the Clerk of the Board of Supervisor's.

MS4 Annual Report Form

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N	Y	R	2	0	A	1	1	5
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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.

Periodically asses the Stormwater Management Plan and update every 3 years.

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

Plan was reviewed in 2018 - 2019 by SMO, SWCD and WCDPW .

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).

When the new NYSDEC MS4 permit is issued, the Stormwater Management Plan will be updated.

MS4 Annual Report Form

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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 engage the public in the Adopt-A-Highway program, and work to expand the areas of county road covered by this initiative. This program is a beneficial means of addressing roadside litter while helping to educate the public about environmental issues.

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

The DPW and its 11 partners manages 15.75 highway miles through this program and provides waste collection and disposal 4 times through the year. Previous reports were inaccurate as the number of partners and the millage was indicative of the entire program in the county, not just within the designated Ms4 area.

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

			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).

Continue to promote the program and partnerships through various education events and at the county website/DPW website.

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

Warren County

SPDES ID

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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.

Participate in a Household Hazardous Waste Collection (HHWC) Program.

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

Warren County sponsored one HHWC programs in 2019-2020 aimed at antifreeze, pesticides, oil-based paints, corrosive cleaners & fluorescent bulbs. The county had a total of 76 participants in the program on Saturday June 18 2019.

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 to seek opportunities to participate in a HHWC Program, when available. County anticipates another HHWC day in 2018-2019.

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 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.

Host a stream clean up day once per year.

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

Two stream/watershed cleanups were held on Halfway Brook along Quaker Road and Glenwood Ave. and Route 9 and the Warren County Bike Path/Bay Road, in partnership with the Town of Queensbury. One pickup trucks of debris were removed and disposed of. A total of 15 participants assisted with the cleanup including residents, municipal officials and not-for-profits.

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

			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).

Add another item in concert with the clean up or engage community group to increase participation levels.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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

Name of MS4/Coalition

Warren County

SPDES ID

N Y R 2 0 A 1 1 5

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

Grid for other discharge types

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

0

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

0

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

0

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?

100%

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

Grid for URL

URL

Grid for 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

Warren County

SPDES ID

N	Y	R	2	0	A	1	1	5
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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.

Review and enforce all provisions of the Warren County IDDE law regarding illicit discharges into Warren County drainage infrastructure.

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

County DPW and Warren County SWCD have developed a system for addressing potential illicit discharges. Warren County SWCD will investigate and advise County Highway Superintendent of issues and WC DPW will take official action.

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 to have Warren County DPW and SWCD work together in tandem to identify and remediate any illicit discharges found on county property. Continue to have trainings available for WC DPW staff to become informed on recognizing IDDE occurrence.

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

Warren County

SPDES ID

N	Y	R	2	0	A	1	1	5
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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 GIS map of all county outfalls within the Ms4 area.

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

County outfalls within the Ms4 area have been located, mapped and are available in GIS. In 2017-2018 one new outfall was GPS & GIS mapped in the Halfway Brook Watershed on Bay Road in Queensbury.

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).

Update map as new outfalls are constructed or discovered. Any new or recently discovered outfalls are to be evaluated and added to the GIS database.

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

Warren County

SPDES ID

N	Y	R	2	0	A	1	1	5
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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?

		0
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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?

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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:

- | | | | | | | | | | |
|--|---|---|--|--|--|--|--|--|---|
| <input type="radio"/> Notices of Violation | # | <table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | | | <input checked="" type="radio"/> No Authority |
| | | | | | | | | | |
| <input type="radio"/> Stop Work Orders | # | <table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | | | <input checked="" type="radio"/> No Authority |
| | | | | | | | | | |
| <input type="radio"/> Criminal Actions | # | <table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | | | <input checked="" type="radio"/> No Authority |
| | | | | | | | | | |
| <input type="radio"/> Termination of Contracts | # | <table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | | | <input checked="" type="radio"/> No Authority |
| | | | | | | | | | |
| <input type="radio"/> Administrative Fines | # | <table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | | | <input checked="" type="radio"/> No Authority |
| | | | | | | | | | |
| <input type="radio"/> Civil Penalties | # | <table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | | | <input checked="" type="radio"/> No Authority |
| | | | | | | | | | |
| <input type="radio"/> Administrative Orders | # | <table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | | | <input checked="" type="radio"/> No Authority |
| | | | | | | | | | |
| <input type="radio"/> Enforcement Actions or Sanctions | # | <table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | | | <input checked="" type="radio"/> No Authority |
| | | | | | | | | | |
| <input type="radio"/> Other | # | <table border="1"><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> | | | | | | | <input checked="" type="radio"/> No Authority |
| | | | | | | | | | |

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2020

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
N Y R 2 0 A 1 1 5

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,

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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

Warren County

SPDES ID

N	Y	R	2	0	A	1	1	5
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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.

Develop a Stormwater Pollution Prevention Plan (SWPPP) that conforms to the NYSPDES General Permit requirements for county projects that disturb one or more acres of land.

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

A SWPPP was developed that includes numerous phases of development for the Warren County Municipal Center Court Expansion Project. A second SWPPP was developed for the Charles R Woods Park property that is jointly owned by Warren County and the Village of Lake George. Both SWPPP's have been closed out and a Notice of Termination was submitted to NYSDEC.

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

			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).

Any future county construction project greater than 1 acre and meeting the provisions of the NYSDEC Construction Permit within the Ms4 area, will result in the need for a SWPPP.

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

N	Y	R	2	0	A	1	1	5
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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.

Ensure all contractors working for the county on projects that utilize a SWPPP have signed a "Contractors Certification Statement".

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

Contractors certifications have been signed.

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 to ensure all contractors have signed the "Contractor's Certification Statement".

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

Warren County

SPDES ID

N	Y	R	2	0	A	1	1	5
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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.

Ensure all subcontractors working on projects that utilize a SWPPP have signed and obtained the 4-Hour contractor Erosion and Sediment Control training and are in possession of ID cards.

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

Contractors working on project have valid certifications.

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 to ensure all contractors have valid 4-Hour Contractors Erosion and Sediment Control 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

Warren County

SPDES ID

N	Y	R	2	0	A	1	1	5
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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 weekly inspection of projects by a Professional Engineer or CPESC utilizing checklist, which will be kept on file at the DPW with the project manager.

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

Weekly inspections at the Charles R Woods Park and the Warren County Municipal Center as the projects are closed out and a Notice of Termination for each project was submitted to the NYSDEC.

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

			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).

Any future county construction project greater than 1 acre and meeting the provisions of the NYSDEC Construction Permit within the Ms4 area, will result in the need for a SWPPP and subsequent inspections.

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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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?

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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	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0
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<input type="radio"/> Filter Systems	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0
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<input type="radio"/> Infiltration Basins	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0
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<input type="radio"/> Open Channels	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0
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<input type="radio"/> Ponds	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0
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<input type="radio"/> Wetlands	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>0</td></tr></table>		0
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<input checked="" type="radio"/> Other	<table border="1"><tr><td> </td><td>0</td></tr></table>		0	<table border="1"><tr><td> </td><td>2</td></tr></table>		2	<table border="1"><tr><td> </td><td>0</td></tr></table>		0
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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:

B e a c h R o a d a n d W e s t B r o o k R o a d

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

Warren County

SPDES ID

N	Y	R	2	0	A	1	1	5
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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?

	4	1
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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

N	Y	R	2	0	A	1	1	5
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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.

County land developments exceeding 1 acre of disturbance requires a SWPPP.

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

A SWPPP was developed that includes numerous phases of development for the Warren County Municipal Center Court Expansion Project. A SWPPP was developed for the Charles R. Wood project as part of the Westbrook Conservation Initiative.

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

			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).

A Notice of Termination has been submitted to the NYSDEC to close out the SWPPP and permit coverage of both sites.

MS4 Annual Report Form

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

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

N	Y	R	2	0	A	1	1	5
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Minimum Control Measure 6. Stormwater Management for Municipal Operations

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

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

How many MS4s contributed to this report?

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

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

MS4 Annual Report Form

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

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Name of MS4/Coalition

Warren County

SPDES ID

N Y R 2 0 A 1 1 5

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

- Parking Lots Swept (Number of acres X Number of times swept) # Acres 1
- Streets Swept (Number of miles X Number of times swept) # Miles 9
- Catch Basins Inspected and Cleaned Where Necessary # 1 2
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary # 0
- Phosphorus Applied In Chemical Fertilizer # Lbs. 0
- Nitrogen Applied In Chemical Fertilizer # Lbs. 2 7 0 0
- Pesticide/Herbicide Applied # Acres 1 6 . 2
 (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**4. What was the date of the last training?** 0 2 / 1 9 / 2 0 2 0**5. How many municipal employees have been trained in this reporting period?** 5**6. What percent of municipal employees in relevant positions and departments receive stormwater management training?** 1 9 %

MS4 Annual Report Form

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

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Name of MS4/Coalition

Warren County

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.

Vehicle and Equipment and Maintenance Facilities Procedures: Warren County vehicle maintenance facilities will follow EPA and DEC regulations and guidelines in all vehicle washing and maintenance activities.

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

All vehicle maintenance occurs outside of the urbanized MS4 area (county mechanic shop in Warrensburg) and an oil water separator is installed where oil changes occur (not in urbanized area). An oil recycling/recovery company is contracted to remove waste oil. All vehicles washed with low impact detergents.

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).

Continue with the existing process. (1) Instruct any county individuals that if they are spraying down a vehicle in the urbanized Ms4 area it must be done in a filtering area or in a commercial car wash and not discharge directly to a storm sewer system. (2) Instruct drivers of county owned vehicles to alert County Maintenance shop if vehicle is leaking fluids for immediate repair.

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.

Conduct self-evaluations of facilities and operations every 3 years.

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

Self inspections completed by Buildings and Grounds (Municipal Center), County Parks and Recreation (bike trail) and the WCDPW (South Shop). Copy of reports with recommendations provided to BG, Parks and Recreation and DPW.

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).

1. Review recommendations for improvement with BG, PR and DPW.
2. County Solid Waste Management plan is being finalized in Y2020.

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.

Reduction in stormwater from county maintained facilities and infrastructure.

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

WC DPW completes sweeping of Beach Road parking lot 2 times per year and covers a total of 2 acres. DPW sweeps 9 miles of county roads. The WC Parks Department maintains 2.8 miles of the Warren County Bike Path within the MS4 boundary, with 23 work days. This includes refuse cleanup (23) and mowing (22) and grass clippings are mulched. WC Parks Department collects refuse (9) and mows(9) 1.5 acres (0.22 ac x 9 days) on West Brook Road North. Grass clippings are mulched on site.

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

			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).

1. Continue to seek opportunities to reduce stormwater and erosion to surface waters where applicable.
2. WC Parks and Recreation Department will be altering their maintenance activity sheet to identify sum totals of their work on the WC bike path to maximize reporting volumes.

MS4 Annual Report Form

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Warren County

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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.

Building maintenance activities - develop a list of activities that may impact stormwater and determine if any improvements are necessary.

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

Buildings and grounds reported that at the municipal center, they have an oil water separator in the shop and an oil recycling contractor removes the waste oil and is inspected semi-annually. Majority of stormwater run off at the Exit 20 facilities is infiltrated into the ground (sandy soils) or runs through vegetation prior to leaving the sites. Any spray down of vehicles goes to the grass or into the oil water separator and the waste is removed one time per year.

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 to develop stormwater activity list to improve stormwater runoff. As part of that initiative the old front public entrance is being evaluated to become a green are, which will chnage a large impervious and unused area from concrete to a grass/garden area.

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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.

Eliminate or reduce phosphorous in all fertilizer mixes.

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

Municipal Center - Material for the initial spring cleanup is removed and mulched on site and the lawn is aerated at that time. Routine seasonal mowing - all grass clippings are left on the lawn and mulched into the turf. No phosphorus is added via chemical fertilizers. 800 pounds of Potash and 2500 pounds of nitrogen were applied. Charles R. Woods Park - Grass clippings are removed. No phosphorus is used. 82 pounds of potassium and 200 pounds of nitrogen were applied.

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

			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).

If the vegetation conditions decline, a composite soil test will be taken and analyzed to determine if the existing application rates are meeting the soil requirements.

MS4 Annual Report Form

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Warren County

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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 (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.

Eliminate or reduce phosphorous in all fertilizer mixes (continued)

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

Additional trees were planted at the municipal center but there was no appreciable change to mowing area.

Future vegetation establishment and planting will consider site conditions for appropriate species to reduce maintenance needs.

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 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).

If the vegetation conditions decline, a composite soil test will be taken and analyzed to determine if the existing application rates are meeting the soil requirements.

MS4 Annual Report Form

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Warren County

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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.

Pesticide use and applications will be evaluated to reduce toxicity levels.

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

No pesticides were used at the Charles R Wood Park in Lake George as the contractor adopted bi-weekly check for weeds and grubs, which proved to be very successful.

48.6 acres (16.2 acres x 3 products) were treated at the Warren County Municipal Center (Dimension 18-0-4, Merit 21-0-4, Momentum FX).

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

			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).

Monitor use of pesticides and improve turf through soil health alterations (aeration, decompaction, site specific plankings, etc.) when possible.

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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.

Create and install "no pets allowed" signage at the Municipal Center to reduce pet waste.

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

No additions to the currently installed and replaced signs.

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).

Buildings and Grounds has not noticed an increase in pet waste on the Municipal Center, but there is no formal monitoring program at this time. Additional signs will be installed with the final phase of construction at the Municipal Center in Y2020-2021.

MS4 Annual Report Form

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Warren County

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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.

Warren County will continue to follow NYSDOT guidelines for snow and ice control.

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

Warren County DPW staff continue to evaluate potential management changes and supplies for improving de-icing agent applications with the goal of maintaining safety and reducing road de-icing material usage. Five WCDPW members attended "Salt Summit" Training held on October 3, 2019. The County is expanding its use of de-icing brine to reduce salt usage in non-MS4 areas, with a hope of expanding into Ms4 area.

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).

The county will utilize information from the training to more effectively manage salt application rates. Warren County DPW is continuing to evaluate the use of new technologies in regards to road maintenance, safety and environmental benefits.

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Name of MS4/Coalition Warren County

SPDES ID

N	Y	R	2	0	A	1	1	5
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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.

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 %

Estimate what percentage was mapped in this reporting period.

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 %

MS4 Annual Report Form

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Name of MS4/Coalition

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? %

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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Name of MS4/Coalition

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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