

Draft 2021-2022 Warren County Municipal Separate Storm Sewer System (MS4) Annual Report

Public comments for this report are accepted through
May 17, 2022 at 4:00PM.

This report is available **electronically** at the Warren County
website at: <https://warrencountyny.gov/swcd/ms4>

and at the Warren County SWCD website:
<https://warrenswcd.org/municipal-separate-storm-sewer-system-ms4/>

Hardcopies of this report are available for review at the
Warren County Board of Supervisor's office, Warren County
Department of Public Works Office and at the Warren County
SWCD office

Comments and questions are accepted at the:

Warren County Department of Public Works Office
3854 Main Street
Warrensburg NY 12885
518.623.4141 or khajos@warrencountydpw.com

and

Warren County Soil and Water Conservation District
394 Schroon River Road
Warrensburg NY 12885
518.623.3119 or jim99@nycap.rr.com

MS4 Annual Report Cover Page

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

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

SPDES ID
N Y R 2 0 A 1 1 5

Choose one:

This report is being submitted on behalf of an individual MS4.

Fill in SPDES ID in upper right hand corner.

Name of MS4

W a r r e n C o u n t y

OR

This report is being submitted on behalf of a Single Entity

(Per Part II.E of GP-0-10-002)

Name of Single Entity

OR

This is a joint report being submitted on behalf of a coalition.

Provide SPDES ID of each permitted MS4 included in this report. Use page 2 if needed.

Name of Coalition

SPDES ID

N Y R 2 0 A

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MS4 Annual Report Cover Page

MCC form for period ending March 9, 2022

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MS4 Municipal Compliance Certification(MCC) Form

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

Name of MS4 Warren County

SPDES ID

N Y R 2 0 A 1 1 5

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
K e v i n	B	G e r a g h t y
Title		
C h a i r m a n , W a r r e n C o u n t y		
Address		
1 3 4 0 R t e 9		
City	State	Zip
L a k e G e o r g e	N Y	1 2 8 4 5 - 3 4 3 4
eMail		
K e v i n . G e r a g h t y @ T o w n O f W a r r e n s b u r g .		
Phone	County	
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MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9,

2	0	2	2
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Name of MS4

Warren County

SPDES ID

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4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
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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

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 MI

R

 Last Name

L	i	e	b	e	r	u	m
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Title

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Address

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City

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 State

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 Zip

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eMail

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Phone

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 County

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MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2022

Name of MS4

SPDES ID
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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.

MS4 Municipal Compliance Certification(MCC) Form

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

Name of MS4 Warren County

SPDES ID
N Y R 2 0 A 1 1 5

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
K e v i n B G e r a g h t y

Title (Clearly print title of individual signing report)
C h a i r m a n , W a r r e n C o u n t y

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, 2 0 2 2

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

SPDES ID

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Name of MS4/Coalition Warren County

Water Quality Trends

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

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

How many MS4s are contributed to this report?

1. Has this MS4/Coalition produced any reports documenting water quality trends related to stormwater? If not, answer No and proceed to Minimum Control Measure One. Yes No

If Yes, choose one of the following

- Report(s) attached to the annual report
- Web Page(s) where report(s) is/are provided below

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

URL

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

- Construction Site Operators Trained # Trained

	9	2	4
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- Direct Mailings # Mailings

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- Kiosks or Other Displays # Locations

			2
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- List-Serves # In List

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- Mailing List # In List

	1	0	8
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- Newspaper Ads or Articles # Days Run

--	--	--	--
- Public Events/Presentations # Attendees

		6	3
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- School Program # Attendees

		4	5
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- TV Spot/Program # Days Run

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- Printed Materials: Total # Distributed

		2	5
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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.

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MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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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3. Web Page con't.: Provide specific web addresses - not home page.

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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

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.

Perform five educational events.

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

Offered online ESC trainings (open across state) 29 times via zoom.. Hosted 1 stream clean up (Aug 2021) at 2 locations. Presented a MS4 IDDE and Municipal Good Housekeeping Training via Zoom (Feb 2022). Presented at the Town of Queensbury on Green Streets (Dec 2021). Conducted training for municipalities utilizing a virtual reality simulation model (Sept. 2021). An online Warren County Envirothon was held (May 2021). Assisted with hosting the North Country Stormwater Tradeshow, which was virtual (Oct 2021).

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

		3	5
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(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Continuing to host E&S trainings, assist with developing the 2022 North Country Stormwater Tradeshow, Host the Warren County Envirothon and other events as determined throughout the year.

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 partnered with SUNY Adirondack to conduct water quality sampling through the college's program in 2021-2022. Both associations are members of the Warren County Water Quality Strategy Committee. The SWCD has been in talks with Paul Smith's College to potentially install monitoring stations in these two lakes which would monitor air temperature, relative humidity, barometric pressure, rainfall, water level, & water temperature.

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 WCDPW staff on importance of maintenance activities within the watersheds. Setting field visit with WCDPW to call out areas of roadside between Sunnyside North Road and the lake in the county Right of Way, to modify runoff from channelized flow to sheet flow.

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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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 is 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). Due to COVID the three offices were closed except for appointments. As such, no additional handouts were available.

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 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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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: (<https://warrenswcd.org/municipal-separate-storm-sewer-system-ms4/>) includes diversified information on the MS4 program for landowners, agencies and contractors. It also includes current and past MS4 reports and the current SWMP. The site is reviewed 4 times per year.

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 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:

SPDES ID

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Minimum Control Measure 2. Public Involvement/Participation

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

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

How many MS4s contributed to this report?

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

- Cleanup Events # Events

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- Comments on SWMP Received # Comments

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- Community Hotlines Phone # (

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- Phone # (

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- Phone # (

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- Community Meetings # Attendees

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- Plantings Sq. Ft.

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- Storm Drain Markings # Drains

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- Stakeholder Meetings # Attendees

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- Volunteer Monitoring # Events

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- Other:

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

- List-Serve # In List

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- Newspaper Advertising # Days Run

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- TV/Radio Notices # Days Run

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- Other:

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

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Name of MS4/Coalition

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N Y R 2 0 A 1 1 5

2. URL(s) con't.:

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

URL

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URL

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Name of MS4/Coalition

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

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

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MS4 Annual Report Form

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

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.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.

0 4 / 2 0 / 2 0 2 1

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

3 6 5

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

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

Yes No

If Yes, what was the date of the meeting?

/ /

If No, is one planned?

Yes No

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

Yes No

If No, is one planned for each?

Yes No

6. Were comments received during this reporting period?

Yes No

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

MS4 Annual Report Form

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

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Name of MS4/Coalition

SPDES ID

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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.

21 students from Glens Falls, Warrensburg , North Warren and Warren/Washington/Hamilton Saratoga/Essex BOCES participated virtually in the Warren County Envirothon (May 2021). Note that Warrensburg and North Warren are not in a designated Ms4 community and the BOCES team is a mixture of students from potentially any of those counties listed.

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

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.

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.

Eleven storm drain markers were installed with 2 volunteers from LaBella Associates on Glendale Road and Quaker Road in the town of Queensbury in the Lake Champlain Watershed.

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.

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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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 was announced on April 20th at the WC DPW Committee meeting and the report was available for public review on April 20, 2021 and closed May 14, 2021. WC BOS adopted 2020-2021 report on May 19, 2021. 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.

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 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?

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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 or in the event that the new permit is not updated within the current MS4 program year the Warren County SMO, SWCD, County Administrator and County DPW will review plan by September 30th.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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.

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.

WC Adopt a Highway was not supported in Ms4 Y2021-2022 due to COVID related issues.

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

0

(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Continue to promote the program and partnerships through various education events and at the county website/DPW website. In Y 2020-2021 the county DPW and its 11 partners managed 15.75 highway miles through this program and provides waste collection and disposal 4 times through the year. It is anticipated that the program will be revitalized and implemented for this upcoming Ms4 year.

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 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 two HHWC programs in 2021 (April/July) aimed at antifreeze, pesticides, oil-based paints, corrosive cleaners & fluorescent bulbs. Total amount of items collected based on type of material: 6,487 gallons and 3,239 lbs. and 3 cubic yards. The county had a total of 268 participants..

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 seek opportunities to participate in a HHWC Program, when available. County anticipates another HHWC day in 2022.
The county has scheduled an event on August 13, 2022 at the Town of Queensbury Highway Garage on Bay Road.

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 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.

One stream/watershed cleanups were held on Halfway Brook at Hovey Park Pond and the Warren County Bikepath, in partnership with the Town of Queensbury. Three partial garbage bags of debris were removed and disposed of. A total of 7 participants assisted with the cleanup.

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 permissible due to COVID restrictions, 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,

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

Name of MS4/Coalition

SPDES ID

Minimum Control Measure 3. Illicit Discharge Detection and Elimination

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

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

How many MS4s contributed to this report?

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

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

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

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

Sewersheds:

MS4 Annual Report Form

**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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8. URL(s) con't.:

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

URL

URL

URL

URL

URL

9. Has an IDDE law been adopted for each traditional MS4 and/or have IDDE procedures been approved for all non-traditional MS4s contributing to this report? Yes No

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

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

	1	5
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 %

MS4 Annual Report Form

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

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

Name of MS4/Coalition

SPDES ID

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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

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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.

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).

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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Name of MS4/Coalition

Warren County

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.

IDDE Training for staff in relevant positions.

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

5 staff (2 WC Highway Dept, 1 WC Parks and Recreation, 2 Warren County SWCD) took IDDE and Municipal Good Housekeeping training via Zoom on Feb 23rd. This was part of an overall MS4 training that included "Good Housekeeping" for municipalities.

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).

A review of the listed positions will be evaluated to better focus on specific positions for training. Training percentages will then be based upon a 3 year plan/window as discussed with EPA.

MS4 Annual Report Form

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Name of MS4/Coalition

Warren County

SPDES ID

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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></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></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></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></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></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></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></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></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></tr></table>						<input checked="" type="radio"/> No Authority

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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 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, 2022

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

Name of MS4/Coalition

SPDES ID

6. con't.:

Submit additional pages as needed.

● MS4/Coalition Office

Department

Address

City
Zip -

Phone
() -

○ Library

Address

City
Zip -

Phone
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● Other

Address

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

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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

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.

There was one County SWPPP during Y2021-2022- Oxbow/Moon Hill Road in the Town of 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).

Any county construction project greater than 1 acre and meeting the provisions of the NYSDEC Construction Permit within the Ms4 area, results 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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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 signed certification statement for Oxbow/Moon Hill Road reconstruction project.

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.

Contractor for Oxbow/Moon Hill Road Project had ESC training cards.

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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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.

Consultant's construction inspection staff inspected daily and reports were developed weekly.

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).

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, 2 0 2 2

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Name of MS4/Coalition Warren County

SPDES ID
N Y R 2 0 A 1 1 5

Minimum Control Measure 5. Post-Construction Stormwater Management

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

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

How many MS4s contributed to this report?

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

	# Inventoried	# Inspections	# Times Maintained
<input type="radio"/> Alternative Practices	 0	 0	 0
<input type="radio"/> Filter Systems	 0	 0	 0
<input checked="" type="radio"/> Infiltration Basins	 1	 2	 0
<input type="radio"/> Open Channels	 0	 0	 0
<input type="radio"/> Ponds	 0	 0	 0
<input type="radio"/> Wetlands	 0	 0	 0
<input checked="" type="radio"/> Other	 2	 1 2	 2

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
- Overlay Districts
- Zoning
- None
- Watershed Plans
- Municipal Comprehensive Plans
- Open Space Preservation Program
- Local Law or Ordinance
- Land Use Regulation/Zoning
- 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, 2 0 2 2

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.

There was one County SWPPP during Y2021-2022. Oxbow/Moon Hill Road in the Town of Queensbury for a road reconstruction project.

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

(ex.: samples/participants/events)

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

Yes 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 county land disturbance that exceeds 1 acre in size will require the development of a SWPPP and conform to the NYSDEC SPDES permit requirements.

A NOT filing is anticipated for the Oxbow/Moon Hill Road project in 2022.

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

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.

Maintain post construction Best Management Practices.

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

Beach Road and the Beach Road parking lot are both pervious pavement systems that are inspected and maintained (swept) 2 times per year.

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 inspect and maintain as necessary to ensure systems are functioning as designed.

MS4 Annual Report Form

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

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 6. Stormwater Management for Municipal Operations

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

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

How many MS4s contributed to this report?

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

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

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2022

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

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

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

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

4. What was the date of the last training?

/ /

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

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

%

MS4 Annual Report Form

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

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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 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.

The Warren County DPW and Warren County SWCD identified an area of direct runoff discharge that affected the Glen Lake Outlet, upstream of Dream Lake on Bay Road in the Town of Queensbury. The runoff is generated within the Ms4 boundary, but flows downhill to the stream, which is just outside of the Ms4 boundary. Since the proximity was close to the boundary and the stormwater initially was generated within the Ms4 area, the SWCD and DPW determined the it was a project that should be undertaken for water quality improvement. The project consisted of the

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 WC DPW and WC SWCD will continue to seek was to reduce or alter maintenance activities along county roads in the Ms4 urbanized area to enhance water quality.

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.

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.

In the late summer/fall of 2021 WC Facilities Dept., Warren County SWCD and Southeast Chapter of the Audobon Society met to look at the property around the municipal center and DSS building to see if any landscape management changes could be made to improve the site by reducing maintenance activities. The District developed a goal derived plan that was reviewed by WC Facilities that assist with reducing impacts to the landscaping, enhances and encourages native

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).

Begin implementation of this management strategy and review yearly as necessary. Expand newly established no-mow zones, calculate estimated time and fuel savings through program.

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.

Eliminate or reduce phosphorous in all fertilizer mixes.

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

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 2,500 pounds of nitrogen were applied. Nitrogen (N) is utilized for leaf growth.

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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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 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.

Pesticides were used at the Charles R Wood Park due to an increase in white grub populations detected in spring of 2021. Inspection of the site will be necessary once the ice castle event has been removed and the turf exposed.

0.2196 pounds of Acelepryn applied in July 2021. EPA info: www3.epa.gov/pesticides/chemsearch/pppls/000100-01489-20130311.pdf

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).

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

MS4 Annual Report Form

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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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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 even with an increase in service animal on the grounds. WC Facilities staff will continue to monitor and place additional signs is necessary.

MS4 Annual Report Form

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

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Name of MS4/Coalition

Warren County

SPDES ID

N	Y	R	2	0	A	1	1	5
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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 has purchased equipment for making salt brine and for application as pre-storm treatment. The DPW has encouraged and assisted local communities with the program and the DPW continues 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. DPW continues to track and evaluate how we can reduce de-icing agent application while maintaining public safety. In 2021 the DPW was featured in the Food for Lake County's celebration

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.

MS4 Annual Report Form

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Name of MS4/Coalition

SPDES ID

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7. Evaluating Progress Toward Measurable Goals MCM 6

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

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

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?

(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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Name of MS4/Coalition Warren County

SPDES ID
N Y R 2 0 A 1 1 5

Additional Watershed Improvement Strategy Best Management Practices

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

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

How many MS4s contributed to this report?

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

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

1. Does your MS4/Coalition have an education program addressing impacts of phosphorus/nitrogen/pathogens on waterbodies? Yes No N/A

2. Has 100% of the MS4/Coalition conveyance system been mapped in GIS? Yes No N/A

If N/A, go to question 3.

If No, estimate what percentage of the conveyance system has been mapped so far. %

Estimate what percentage was mapped in this reporting period. %

MS4 Annual Report Form

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

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					
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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

MS4 Annual Report Form

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Name of MS4/Coalition

SPDES ID

N	Y	R	2	0					
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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