



**MS4 Annual Report Cover Page**MCC form for period ending March 9, 

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

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## **MS4 Municipal Compliance Certification(MCC) Form**

MCC form for period ending March 9, 2019

Name of MS4 TOWN OF NORTH CASTLE

SPDES ID

Each MS4 must submit an MCC form.

## Section 1 - MCC Identification Page

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

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

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

If Joint Report, enter coalition name:



**MS4 Municipal Compliance Certification(MCC) Form**

MCC form for period ending March 9,

2 0 1 8

Name of MS4 TOWN OF NORTH CASTLE

SPDES ID  
N Y R 2 0 A 0 4 4**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

M I C H A E L

MI

Last Name

C R O M W E L L

Title

A S S I S T A N T B U I L D I N G I N S P E C T O R

Address

1 7 B E D F O R D R O A D

City

A R M O N K

State

N Y

Zip

1 0 5 0 4 -

eMail

M C R O M W E L L @ N O R T H C A S T L E N Y . C O M

Phone

( 9 1 4 ) 2 7 3 - 8 6 2 5

County

W e s t c h e s t e r

**MS4 Municipal Compliance Certification(MCC) Form**

MCC form for period ending March 9,

2 0 1 8

Name of MS4 **TOWN OF NORTH CASTLE**SPDES ID  
N Y R 2 0 A 0 4 4**Section 2 - Contact Information**

## Important Instructions - Please Read

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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)
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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 O S E P H

MI

Last Name

C E R M E L E

Title

T O W N C O N S U L T I N G E N G I N E E R

Address

5 0 0 M A I N S T R E E T

City

A R M O N K

State

N Y

Zip

1 0 5 0 4 -

eMail

J C E R M E L E @ K E L S E S . C O M

Phone

( 9 1 4 ) 2 7 3 - 2 3 2 3

County

W e s t c h e s t e r

**MS4 Municipal Compliance Certification (MCC) Form**

**MCC form for period ending March 9, 2019**

Name of MS4 TOWN OF NORTH CASTLE

SPDES ID

### **Section 3 - Partner Information**

Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period?

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

## W E S T C H E S T E R C O U N T Y S T O R M W A T E R

### Address

1 4 8 M A R T I N E A V E N U E

City  State  Zip  -

eMail

civilian ccal1@westchestergov.com

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 WEBSITE POSTINGS, POSTERS, MEDIA
- MM2 PROGRAM MATERIALS DISTRIBUTED
- MM3
- MM4
- MMS5
- 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, 2018

Name of MS4 TOWN OF NORTH CASTLE

SPDES ID

### **Section 3 - Partner Information**

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

If Yes, complete information below.

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

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name

## CROTON KENNSICO WATERSHED INTER -

Partner/Coalition Name (con't.) **MUNICIPAL COALITION** SPDES Partner ID - If applicable **NYR20A**

## Address

Address: 335 ROUTE 202

City  State  Zip  -

eMail

CIVILIAN SUPERVISOR@SOMERSNY.COM

Phone

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 Legally Binding Agreement in accordance with GP-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 ON-SITE WASTEWATER SYSTEMS
- MM4
- MM5 RETROFIT PROGRAM
- MM6

#### Additional tasks/responsibilities

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

Conveyance System Mapping (IX3); On-site Wastewater Inspection and Maintenance Program (IX3b) and Stormwater Retrofit Program (IX5b).

## **MS4 Municipal Compliance Certification (MCC) Form**

**MCC form for period ending March 9, 2018**

Name of MS4 TOWN OF NORTH CASTLE

### SPDES ID

N Y R 2 0 A 0 4 4

### **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

## Eastern Sectional Name

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

### Address

Address 1 1 4 2 ROUTE 3 1 1

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

11/11

eMail: [SUPERVISOR@PARTNERSONY.COM](mailto:SUPERVISOR@PARTNERSONY.COM)

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
- MMS RETROFIT PROGRAM
- MM6

#### Additional tasks/responsibilities

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

## STORMWATER RETROFIT PROGRAM (1X5b)

## **MS4 Municipal Compliance Certification(MCC) Form**

MCC form for period ending March 9, 2019

Name of MS4 TOWN OF NORTH CASTLE

SPDES ID

#### **Section 4 - Certification Statement**

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

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

First Name  MI  Last Name

Signature	Date		
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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, 2019

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

Name of MS4/Coalition TOWN OF NORTH CASTLE

SPDES ID

## 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.

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URL

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## MS4 Annual Report Form

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

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Name of MS4/Coalition TOWN OF NORTH CASTLE

SPDES ID

## **Minimum Control Measure 1. Public Education and Outreach**

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

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

How many MS4s contributed to this report?

## 1. Targeted Public Education and Outreach Best Management Practices

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

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

Other: **SEPTIC SYSTEM MAINTENANCE**

2. Specific audiences targeted during this reporting period:

- Public Employees
- Residential
- Businesses
- Restaurants
- Other:
- Contractors
- Developers
- General Public
- Industries
- Agricultural

## MS4 Annual Report Form

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Name of MS4/Coalition TOWN OF NORTH CASTLE

SPDES ID

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
- Direct Mailings
- Kiosks or Other Displays
- List-Serves
- Mailing List
- Newspaper Ads or Articles
- Public Events/Presentations
- School Program
- TV Spot/Program

Trained			
Mailings			
Locations			
# In List			
# In List			
Days Run			
Attendees			
Attendees			
Days Run			
Distributed			

### Total # Distributed

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

Locations (e.g. libraries, town offices, schools)													
T	O	W	N		H	A	L	L					
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L	I	B	R	A	R	Y							

8 Other:

- Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL

www.northcastleneny.com/planning/pages/stormwater-management.htm

URL

## **MS4 Annual Report Form**

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

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Name of MS4/Coalition TOWN OF NORTH CASTLE

SPDES ID

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, 2 0 1 9**

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Name of MS4/Coalition **TOWN OF NORTH CASTLE**SPDES ID  
**N Y R 2 0 A 0 4 4****4. Evaluating Progress Toward Measurable Goals MCM 1**

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

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

Continue compiling and developing informational flyers and brochures on stormwater management and make available to the public, continue updating Town website to include new information on stormwater related topics, inform the public during televised Town Board, Planning Board and Conservation Board meetings on stormwater management. The Town participates in the Westchester County Stormwater Education Outreach program.

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

Increased awareness from public, especially applicants before the applicable approval Boards of stormwater related infrastructure and maintenance requirements. Banners and kiosks have been displayed in Town Hall, the Town Hall Annex and the library.

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

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(ex.: samples/participants/events)

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

Continue updating the Town website with new information gathered from NYSDEC, USEPA, NYCDEP, and other agencies (ongoing).  
 Continue the development of Conservation Board newsletters.  
 Continue to update stormwater management practices.

## **MS4 Annual Report Form**

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Name of MS4/Coalition TOWN OF NORTH CASTLE

SPDES ID

## **Minimum Control Measure 2. Public Involvement/Participation**

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

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

How many MS4s contributed to this report?

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

- Cleanup Events
- Comments on SWMP Received
- Community Hotlines

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Phone #	(				)				-				
Phone #	(				)				-				
Phone #	(				)				-				
Phone #	(				)				-				

- Community Meetings
- Plantings
- Storm Drain Markings
- Stakeholder Meetings
- Volunteer Monitoring
- Other:

# Attendees			
Sq. Ft.			
# Drains			
# Attendees			
# Events			

**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9, 2 0 1 9**

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Name of MS4/Coalition

TOWN OF NORTH CASTLE

SPDES ID

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**2. URL(s) con't.:****Please provide specific address(es) where notice(s) can be accessed - not home page.**

URL

www.northcastleny.com/planning/pages/stormwater-management.htm

URL

URL

URL

URL

URL

URL

## **MS4 Annual Report Form**

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Name of MS4/Coalition TOWN OF NORTH CASTLE

SPDES ID

## 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 1 9**

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Name of MS4/Coalition **TOWN OF NORTH CASTLE****N Y R 2 0 A 0 4 4****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

**T O W N   C L E R K**

Address

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City

**A R M O N K**   **N Y**   **1 0 5 0 4** - 

Zip

Phone

**( 9 1 4 ) 2 7 3 - 3 3 2 1** Library Annual Report    SWMP Plan    Comments

Address

City

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**(      )      -**  Other Annual Report    SWMP Plan    Comments

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

 eMail Comments

**MS4 Annual Report Form**

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Name of MS4/Coalition 

TOWN OF NORTH CASTLE			
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SPDES ID

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

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

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

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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?**

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, 2 0 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**SPDES ID  
**N Y R 2 0 A 0 4 4****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.**

Provide opportunity for public input at all public meetings, participate in EOHWC, provide full access to all stormwater materials at the Planning office as well as on the Town website, meetings and events held by the Planning Board, Conservation Board and Recycling committee open to and attended by the Public.

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

The Town holds monthly Conservation Board and bi-weekly Planning Board meetings that are open to the public, and site visits are conducted and potential stormwater mitigation measures are discussed. The Town participates in EOHWC. There has been increased participation from the public at these meetings regarding stormwater measures.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

Continue participation in EOHWC, continue discussions on stormwater measures at all public meetings (bi-weekly), where applicable, continue outreach to residents for involvement in volunteer roles (quarterly).

**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9, 2 0 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**SPDES ID  
**N Y R 2 0 A 0 4 4****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: **|  |  | 4 4 6 #   |  |  | 1 0 0 %**2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)? **|  |  | 1 9 0**

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

<input checked="" type="radio"/> Auto Recyclers	<input type="radio"/> Landscaping (Irrigation)
<input checked="" type="radio"/> Building Maintenance	<input type="radio"/> Marinas
<input checked="" type="radio"/> Churches	<input type="radio"/> Metal Plateing Operations
<input checked="" type="radio"/> Commercial Carwashes	<input type="radio"/> Outdoor Fluid Storage
<input checked="" type="radio"/> Commercial Laundry/Dry Cleaners	<input type="radio"/> Parking Lot Maintenance
<input checked="" type="radio"/> Construction Vehicle Washouts	<input checked="" type="radio"/> Printing
<input checked="" type="radio"/> Cross-Connections	<input type="radio"/> Residential Carwashing
<input checked="" type="radio"/> Distribution Centers	<input checked="" type="radio"/> Restaurants
<input checked="" type="radio"/> Food Processing Facilities	<input checked="" type="radio"/> Schools and Universities
<input type="radio"/> Garbage Truck Washouts	<input type="radio"/> Septic Maintenance
<input type="radio"/> Hospitals	<input type="radio"/> Swimming Pools
<input type="radio"/> Improper RV Waste Disposal	<input checked="" type="radio"/> Vehicle Fueling
<input type="radio"/> Industrial Process Water	<input checked="" type="radio"/> Vehicle Maint./Repair Shops
<input type="radio"/> Other: <b>                                                      </b>	<input type="radio"/> None
<b>● Sewersheds:</b> <b>B   y   r   a   m       R   i   v   e   r   ,       K   e   n   s   i   c   o   &amp;       C   r   o   t   o   n      </b>	



## **MS4 Annual Report Form**

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

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

Name of MS4/Coalition TOWN OF NORTH CASTLE

SPDES ID

### 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

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	0	0	%
---	---	---	---

**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9, 2 0 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**SPDES ID  
**N Y R 2 0 A 0 4 4****12. Evaluating Progress Toward Measurable Goals MCM 3**

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

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

Continue the use of a standard form for completing outfall reconnaissance. Form includes picture of each outfall with associated information. Mapping of entire storm sewer system completed to determine upstream conveyance. Mapping is updated as development continues throughout Town to include any modifications and/or additions to the system.

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

Mapping and inspection forms aid the Highway department in inspections. Town adopted and continues to enforce a law requiring all residents with septic systems to have the system inspected at least once every 5 years and repaired and rehabilitated or tanks pumped, as necessary.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

Continue outfall inspections (+/-20% annually). Train any new employees on IDDE as needed (ongoing).

**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9, 2 0 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**

SPDES ID							
N	Y	R	2	0	A	0	4
4							

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

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

On behalf of an individual MS4  
 On behalf of a coalition

How many MS4s contributed to this report? 

--	--	--

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

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

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

09/2004  03/2006  NT

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

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

	1	2
--	---	---

**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? 

	1	2
--	---	---

**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 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 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 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 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 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 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 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 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 type="radio"/> No Authority

**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9, 2 0 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**SPDES ID  
**N Y R 2 0 A 0 4 4****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? **|  |  8**
2. How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period? **|  |  8**
3. What percent of active construction sites were inspected during this reporting period?  NT  
**1 0 0 %**
4. What percent of active construction sites were inspected more than once?  NT  
**1 0 0 %**
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, 2019**

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

SPDES ID

Name of MS4/Coalition **TOWN OF NORTH CASTLE****N Y R 2 0 A 0 4 4****6. con't.:**

Submit additional pages as needed.

**● MS4/Coalition Office**

Department

**P L A N N I N G   D E P A R T M E N T**

Address

**1 7   B E D F O R D   R O A D**

City

**A R M O N K**      **N Y      1 0 5 0 4 -** 

Phone

**( 9 1 4 ) 2 7 3 - 3 5 4 2** Library

Address

City

       **Zip**   - 

Phone

**(    )    -** Other

Address

City

       **Zip**   - 

Phone

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

URL

  
  

URL

**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9, 2 0 1 9**

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Name of MS4/Coalition **TOWN OF NORTH CASTLE**SPDES ID  
**N Y R 2 0 A 0 4 4****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.**

Review all SWPPPs as projects enter the approval process. Town requires all projects to develop an erosion and sediment control plan at a minimum regardless of area of disturbance. Stormwater management and mitigation is required by the Town Consulting Engineer in accordance with Town Code and NYSDEC General Permit. All projects designed to comply with the NYSDEC Blue Book and SWMDM as necessary

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

All development projects reviewed by the Town Consulting Engineer for compliance with all applicable regulations. Town Consulting Engineer inspects construction sites for compliance with the E&SC plans and stormwater mitigation systems and requires modifications and maintenance of erosion controls, as necessary.

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

		1
--	--	---

(ex. : samples/participants/events)

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

Continue to review, approve and monitor all construction projects for compliance with all stormwater regulations. Continue to train contractors on E&SC as projects progress.

## **MS4 Annual Report Form**

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

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

Name of MS4/Coalition TOWN OF NORTH CASTLE

SPDES ID

## **Minimum Control Measure 5. Post-Construction Stormwater Management**

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

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

How many MS4s contributed to this report?

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

	# Inventoried	# Inspections	# Times Maintained
● Alternative Practices	<input type="text"/>	<input type="text"/> 1	<input type="text"/>
○ Filter Systems	<input type="text"/>	<input type="text"/>	<input type="text"/> 4
○ Infiltration Basins	<input type="text"/>	<input type="text"/>	<input type="text"/>
○ Open Channels	<input type="text"/>	<input type="text"/> 5	<input type="text"/> 0
○ Ponds	<input type="text"/>	<input type="text"/>	<input type="text"/>
○ Wetlands	<input type="text"/>	<input type="text"/>	<input type="text"/>
○ Other	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

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
- Other:
- Municipal Comprehensive Plans
- Open Space Preservation Program
- Local Law or Ordinance
- Land Use Regulation/Zoning
- Other Comprehensive Plan

Other:

Other: \_\_\_\_\_

**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9, 2 0 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**SPDES ID  

N	Y	R	2	0	A	0	4	4
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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 Impact Development (LID), Better Site Design (BSD) and other Green Infrastructure principles in this reporting period?**

		0	%
--	--	---	---

**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9, 2 0 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**SPDES ID  
**N Y R 2 0 A 0 4 4****6. Evaluating Progress Toward Measurable Goals MCM 5**

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

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

The Town is part of the EOHWC. EOHWC has developed a plan for stormwater retrofits with the goal of reducing the levels of phosphorus in the surface water of the New York City Watershed East of Hudson River. Continue to inspect and monitor stormwater management practices.

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

All new stormwater management practices required as part of SPDES Permit Coverage documented. The Town is part of the EOHWC. EOHWC has developed a plan for stormwater retrofits with the goal of reducing the levels of phosphorus in the surface water of the New York City Watershed East of Hudson River. The Town is working with EOHWC to identify potential stormwater retrofit projects for plan - Years 6-10.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

Continue to work with EOHWC to develop and implement a retrofit plan to meet NYSDEC goals. Continue to document and inspect post-construction stormwater practices (ongoing).

**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9, 2 0 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**SPDES ID  

N	Y	R	2	0	A	0	4	4
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**Minimum Control Measure 6. Stormwater Management for Municipal Operations**

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

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

How many MS4s contributed to this report? 

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

Self-Assessment  
Operation/Activity/Facility  
performed within the past 3

<u>Operation/Activity/Facility</u>	<u>Addressed in SWMP?</u>		<u>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 checked="" type="radio"/> No
Hydrologic Habitat Modification.....	<input type="radio"/> Yes	<input checked="" type="radio"/> No .....	<input type="radio"/> Yes	<input checked="" 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 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 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**

SPDES ID								
N	Y	R	2	0	A	0	4	4

**2. Provide the following information about municipal operations good housekeeping programs:** Parking Lots Swept (Number of acres X Number of times swept)# Acres 

				3
--	--	--	--	---

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

			5	9
--	--	--	---	---

 Catch Basins Inspected and Cleaned Where Necessary# 

		3	0	3
--	--	---	---	---

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

				.	0
--	--	--	--	---	---

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

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

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

--	--	--	--	--

 / 

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 / 

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

	0
--	---

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

1	0	0
---	---	---

 %

**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9, 2 0 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**

SPDES ID								
N	Y	R	2	0	A	0	4	4

**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.**

Town continues to modify their Municipal Operations manual and expand on-site specific improvements and maintenance measures at all relevant Town-owned sites including potential truck washing facilities, parking lot runoff improvements, etc. Continue to train employees as required. Town does not use fertilizers or pesticides on parkland.

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

Increased awareness by Town staff on municipal operations and facilities. 3 acres of parking lots swept, 59 miles of street swept and 303 catch basins inspected and cleaned.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

Yes  No

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

Yes  No

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

Continue to clean catch basins and sweep streets. Implement capital improvements as allowable within budget. Update the Municipal Operations manual as necessary.

**MS4 Annual Report Form****This report is being submitted for the reporting period ending March 9, 2 0 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**SPDES ID  
**N Y R 2 0 A 0 4 4****Additional Watershed Improvement Strategy Best Management Practices**

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

On behalf of an individual MS4  
 On behalf of a coalition

How many MS4s contributed to this report? **MS4s must answer the questions or check NA as indicated in the table below.**

MS4 Description	Answer	Check NA	(POC)
<b>NYC EOH Watershed</b>	-	-	-
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	1,2,7a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus
<b>Onondaga Lake Watershed</b>	-	-	-
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
<b>Greenwood Lake Watershed</b>	-	-	-
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
<b>Oyster Bay</b>	-	-	-
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
<b>Peconic Estuary</b>	-	-	-
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
<b>Oscawana Lake Watershed</b>	-	-	-
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
<b>LI 27 Embayments</b>	-	-	-
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, 2 0 1 9**

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**SPDES ID  

N	Y	R	2	0	A	0	4	4
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3. Does your MS4/Coalition have a Stormwater Conveyance System (infrastructure) Inspection and Maintenance Plan Program?  Yes  No  N/A

4. Estimate the percentage of on-site wastewater treatment systems that have been inspected and maintained or rehabilitated as necessary in this reporting period? 

1	0
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 %

5. Has your MS4/Coalition developed a program that provides protection equivalent to the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001) to reduce pollutants in stormwater runoff from construction activities that disturb five thousand square feet or more?  Yes  No  N/A

6. Has your MS4/Coalition developed a program to address post-construction stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre that provides equivalent protection to the NYS DEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001), including the New York State Stormwater Design Manual Enhanced Phosphorus Removal Standards?  Yes  No  N/A

7a. Does your MS4/Coalition have a retrofitting program to reduce erosion or phosphorus/nitrogen/pathogen loading?  Yes  No  N/A

7b. How many projects have been sited in this reporting period? 

0
---

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

0
---

 %

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

0
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 %

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**

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

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

Name of MS4/Coalition **TOWN OF NORTH CASTLE**

SPDES ID  

N	Y	R	2	0	A	0	4	4
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**9. Has your MS4/Coalition developed and implemented a program of native planting?**

Yes  No  N/A

**10. Has your MS4/Coalition enacted a local law prohibiting pet waste on municipal properties and prohibiting goose feeding?**

Yes  No  N/A

**11. Does your MS4/Coalition have a pet waste bag program?**

Yes  No  N/A

**12. Does your MS4/Coalition have a program to manage goose populations?**

Yes  No  N/A