MS4 Annual Report Cover Page

MCC form for period ending March 9, 2016

SPDES ID: NYR20A240

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

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: City of Newburgh

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: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A
SPDES ID: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A
SPDES ID: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A
SPDES ID: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A
SPDES ID: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A
SPDES ID: NYR20A	SPDES ID: NYR20A	SPDES ID: NYR20A

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2016

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

SPDES ID	SPDES ID	SPDES ID
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2016

Name of MS4: City of Newburgh

SPDES ID: NYR20A240

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, 2016

Name of MS4: City of Newburgh

SPDES ID: NYR20A240

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: Michael

MI: G

Last Name: Ciaravino

Title: City Manager

Address: 83 Broadway

City: Newburgh

State: NY

Zip: 12550 -

eMail: mciaravino@cityofnewburgh-ny.gov

Phone: (845) 569-7301

County: Orange

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2016

Name of MS4: City of Newburgh

SPDES ID: NYR20A240

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).
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5. Report Preparer (Consultants may provide company name in the space provided).

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

For each contact, select all that apply:

○ Principal Executive Officer/Chief Elected Official

○ Duly Authorized Representative

● Local Stormwater Public Contact

● Stormwater Management Program (SWMP) Coordinator

○ Report Preparer

First Name: Jason MI: C Last Name: Morris

Title: City Engineer

Address: 83 Broadway

City: Newburgh State: NY Zip: 12550-

eMail: jmorris@cityofnewburgh-ny.gov

Phone: (845) 569-7447 County: Orange

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2016

Name of MS4: City of Newburgh

SPDES ID: NYR20A240

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: Chad

MI: M

Last Name: Wade

Title: Assistant City Engineer

Address: 83 Broadway

City: Newburgh

State: NY

Zip: 12550 -

eMail: cwade@cityofnewburgh-ny.gov

Phone: (845) 569-7447

County: Orange

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2016

Name of MS4: City of Newburgh

SPDES ID: NYR20A240

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: Quassaick Creek Watershed

Partner/Coalition Name (con't.): Alliance

SPDES Partner ID - If applicable: NYR20

Address:

City:

State:

Zip:

eMail: gebhards@earthlink.net

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: Multiple Tasks
- ● MM2: Multiple Tasks
- ● MM3: Multiple Tasks
- ○ 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, 2016

Name of MS4: City of Newburgh

SPDES ID: NYR20A240

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: Orange County Water Authority

Partner/Coalition Name (con't.):

SPDES Partner ID - If applicable: NYR20

Address: 124 Main Street, 3rd Floor

City: Goshen

State: NY

Zip: 10924 -

eMail: ecruz@orangecounty.gov.com

Phone: (845) 615-3868

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: school programs
- ○ 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, 2016

Name of MS4: City of Newburgh

SPDES ID: NYR20A240

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: Riverkeeper

Partner/Coalition Name (con't.):

SPDES Partner ID - If applicable: NYR20

Address: 20 Secor Road

City: Ossining

State: NY

Zip: 10562 -

eMail: jbenson@riverkeeper.org

Phone: (800) 217-4837

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: cleanup events
- ○ 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, 2016

Name of MS4: City of Newburgh

SPDES ID: NYR20A240

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: Michael

MI: G

Last Name: Ciaravino

Title (Clearly print title of individual signing report): City Manager

Signature

Date: 05 / 28 / 2016

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, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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

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

URL

URL

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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

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

2. Specific audiences targeted during this reporting period:

● Public Employees
● Residential
○ Businesses
○ Restaurants
○ Other:

○ Contractors
○ Developers
● General Public
○ Industries
○ Agricultural

Other

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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	
○ Direct Mailings	# Mailings	
● Kiosks or Other Displays	# Locations	1
○ List-Serves	# In List	
○ Mailing List	# In List	
○ Newspaper Ads or Articles	# Days Run	
● Public Events/Presentations	# Attendees	148
● School Program	# Attendees	645
○ TV Spot/Program	# Days Run	
○ Printed Materials:	Total # Distributed	

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

○ Other:

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

URL: http://www.cityofnewburgh-ny.gov/stormwater

URL: http://www.cityofnewburgh-ny.gov/stormwater/pages/additional-information

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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

URL
http://www.cityofnewburgh-ny.gov/stormwater/pages/what-you-can-do

URL
http://hudsonvalleyregionalcouncil.org/regional-initiatives/hudson-river-estuary-program/

URL

URL

URL

URL

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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.

Educate citizens on the importance of stormwater and their role/benefit in helping to keep the waterways clean.

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

The City hosted a IDDE training presented by professionals from Cornell Cooperative for City staff, elected officials, volunteers, partners, coalitions, and residents.

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

8

(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).

See the attached supplement.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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

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: 4

○ Comments on SWMP Received — # Comments:

○ Community Hotlines — Phone # ( ) -

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

○ Community Meetings — # Attendees:

○ Plantings — Sq. Ft.:

○ Storm Drain Markings — # Drains:

● Stakeholder Meetings — # Attendees: 67

● Volunteer Monitoring — # Events: 2

○ Other:

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

○ List-Serve — # In List:

○ Newspaper Advertising — # Days Run:

○ TV/Radio Notices — # Days Run:

● Other: City Council Meeting 5-23-16

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

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

2. URL(s) con't.:

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

URL: http://www.cityofnewburgh-ny.gov

URL

URL

URL

URL

URL

URL

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City Of Newburgh

SPDES ID: NYR20A240

2. URL(s) con't.:

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

URL

URL

URL

URL

URL

URL

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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: Engineering Department

Address: 83 Broadway

City: Newburgh NY Zip: 12550 -

Phone: (845) 569-7447

● Library ● Annual Report ○ SWMP Plan ○ Comments

Address: 124 Grand Street

City: Newburgh NY Zip: 12550 -

Phone: (845) 563-3600

○ Other ○ Annual Report ○ SWMP Plan ○ Comments

Address:

City: Zip: -

Phone: ( ) -

● Web Page URL: ● Annual Report ● SWMP Plan ○ Comments

http://www.cityofnewburgh-ny.gov/stormwater/pages/ms4-documentation-and-reporting

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

● eMail ● Comments

MS4@cityofnewburgh-ny.gov

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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. 05 / 24 / 2016

4.b. For how many days was/will this report be posted? 365

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? 05 / 23 / 2016

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, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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.

City staff encourage appropriate BMP's in accordance with the NYS Stormwater Management Design Manual and NYS Standards and Specifications for Erosion and Sediment Control when working with applicant seeking Planning Board approval.

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

Many local community groups conduct multiple clean-up event throughout the reporting year. The City actively supports the Quassaick Creek Watershed Alliance, who has a very active membership, many of which are City residents.

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).

City is working with a consultant to fully rewrite the SWMP. This work will continue, be finalized, and adopted by City Council during the coming reporting year. The SWMP will explicitly spell out public participation/involvement that is feasible for the City to undertake given the limited funding and staff. The City Engineering Department has also begun working with the City Planner in order to facilitate appropriate engagement of the public.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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

1. Enter the number and approx. percent of outfalls mapped: 283 # 100 %

2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)? 100

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
○ 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
○ Other:
○ None

○ Sewersheds:

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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

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

4. How many illicit discharges/potential illegal connections have been detected during this reporting period? 13

5. How many illicit discharges have been confirmed during this reporting period? 13

6. How many illicit discharges/illegal connections have been eliminated during this reporting period? 13

7. Has the storm sewershed mapping been completed in this reporting period? ○ Yes ● No

If No, approximately what percent was completed in this reporting period? 90 %

8. Is the above information available in GIS? ● Yes ○ No

Is this information available on the web? ● Yes ○ No

If Yes, provide URL(s):

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

URL: http://www.cityofnewburgh-ny.gov/stormwater/ms4-mapping

URL:

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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 NYR20

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?

100 %

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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.

In 2008, the City had the entire storm and combined sewer systems mapped in GIS by a consultant. Since completion of that mapping, substantial discrepancies have been identified as it compares to both historical records, field work and institutional knowledge of City staff. The Engineering Department has performed significant revisions to this data in the past year to reflect actual known field conditions, resulting in more reliable data. Work continues to further refine the data.

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

See the attached supplement.

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

1157

(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).

See the attached supplement.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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? 1

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 cerfification 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

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

If Yes, how many public comments were received during this reporting period? 0

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

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

○ Notices of Violation	#		○ No Authority
○ Stop Work Orders	#		○ No Authority
○ Criminal Actions	#		○ No Authority
○ Termination of Contracts	#		● No Authority
○ Administrative Fines	#		○ No Authority
○ Civil Penalties	#		○ No Authority
○ Administrative Orders	#		● No Authority
● Enforcement Actions or Sanctions	#	4	
○ Other	#		○ No Authority

MS4 Annual Report Form

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Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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

1. **How many construction projects have been authorized for disturbances of one acre or more during this reporting period?** 0

2. **How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period?** 0

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

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Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

6. con't.:

Submit additional pages as needed.

● MS4/Coalition Office

Department: Engineering Department

Address: 83 Broadway

City: Newburgh NY Zip: 12550-

Phone: (845) 569-7447

○ 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: http://www.cityofnewburgh-ny.gov/planning-board/pages/special-projects

URL:

MS4 Annual Report Form

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Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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.

The Planning Board, City Engineer, and City Planner review, modify, and approve site plans submitted to the Planning Board. The applicant is encouraged to implement appropriate best management practices related to stormwater mangement and erosion and sediment control. The Engineering Department additionally reviews all required SWPPP inspections from active construction sites, as well as conducts periodic inspections as necessary.

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

See the attached supplement.

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

12

(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).

See the attached supplement.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2016

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

Name of MS4/Coalition: City of Newurgh

SPDES ID: NYR20A240

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

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			
● Filter Systems	2	1	0
● Infiltration Basins	19	2	0
○ Open Channels			
● Ponds	5	5	0
○ Wetlands			
● Other	7	0	0

2. Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintanance? ● Yes ○ No

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

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

MS4 Annual Report Form

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Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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

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?

100 %

MS4 Annual Report Form

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Name of MS4/Coalition: City of Newurgh

SPDES ID: NYR20A240

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 City has developed and codified a stormwater management ordinance, which is implemented as a coordinated effort with the Codes Department and the Engineering Department. Appropriate best management practices related to stormwater mangement and erosion and sediment control are developed through the Planning Board review process, overseen throughout construction and periodically reviewed post-construction.

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

See the attached supplement.

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

9

(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).

See the attached supplement.

MS4 Annual Report Form

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Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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

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.**

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

MS4 Annual Report Form

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Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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

● Parking Lots Swept (Number of acres X Number of times swept)	# Acres	53
● Streets Swept (Number of miles X Number of times swept)	# Miles	2305
● Catch Basins Inspected and Cleaned Where Necessary	#	84
○ 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	.

* **3. How many stormwater management trainings have been provided to municipal employees during this reporting period?** 1

4. What was the date of the last training? 02 / 25 / 2016

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

6. What percent of municipal employees in relevant positions and departments receive stormwater management training? 75 %

*Training identified in item no. 3 above does not include IDDE training documented under MCM 3.

MS4 Annual Report Form

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Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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.

The City DPW regularly conducts street sweeping and catch basin cleaning in order limit the amount of sediment and debris that entering the sanitary and storm sewer collection system. Additionally, the City conducts regular trash and debris clean up through abatements of vacant property to remove dumped items. Petroleum and Chemical Bulk Storage is inspected and updated as required in accordance with NYSDEC requirements.

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

The frequency of inspections and continuous cleaning of applicable infrastructure have witness less trash and debris at outfall locations.

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

154

(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).

City is working with a consultant to fully rewrite the SWMP. This work will continue, be finalized, and adopted by City Council during the coming reporting year. Appropriate municipal operations and good housekeeping shall be explicitly spelled out within the SWMP for implementation.

MS4 Annual Report Form

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Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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? 1

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. 90 %

   * Estimate what percentage was mapped in this reporting period. 65 %

   *Previous GIS mapping that has been remapped based upon actual field conditions.

MS4 Annual Report Form

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Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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? 0 %

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? %

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

● No Projects Planned

8a. Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper fertilizer application on municipally owned lands? ○ Yes ● No ○ N/A

8b. Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper disposal of grass clippings and leaves from municipally owned lands? ● Yes ○ No ○ N/A

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Name of MS4/Coalition: City of Newburgh

SPDES ID: NYR20A240

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

*Section 248-64 and 150-7

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

MCM 1, 4.F.

The City is working with a consultant to fully rewrite the SWMP. This work will continue, be finalized, and adopted by City Council during the upcoming reporting year. The SWMP will explicitly spell out public education and outreach that is feasible for the City to undertake given the limited funding and staff. The City has purchased "NO DUMPING - DRAINS TO RIVER" stencils and marking paint, these materials shall be used during the next reporting period to mark catch basins which connect directly to an outfall in the MS4 designated area. The City is currently strategizing with local groups/schools that should be involved with the implementation of the catch basin markings.

MCM 3, 12.B.

All un-permitted illicit discharges/illegal connections identified during the reporting period have been corrected to eliminate the discharge/connection. The City's regulators and diversion manholes are inspected on a systematic basis to ensure trash and debris aren't affecting the normal operation of the diversion structures located on the combined system. Maintenance is performed regularly to remove sediment and debris to ensure sufficient capacity exists in the system to maintain proper operation.

The City has recently replaced the previous CSO telemetry system which was intermittent and unreliable due to level sensors being damaged by debris and washed downstream. The previous phone/data landlines were also unreliable and failed regularly without warning. The new Smartcover Telemetry installed in all the regulators and diversion manholes provide real time data via satellite/cloud connection as to the levels within each structure. Alarm levels are set based upon overflow weir height, which send out email and text message alerts to appropriate City staff. The real time data, showing historical levels in a graphed format, allows City staff to understand daily flows and identify when maintenance is likely required.

MCM3, 12.F.

City is working with a consultant to fully rewrite the SWMP. This work will continue, be finalized, and adopted by City Council during the coming reporting year. The SWMP will fully detail the separate storm system, and further refine appropriate IDDE procedures. The City will continue its work on rectifying the GIS data for the separate and combined sewer systems in order to ensure the data is accurate to field conditions. All illicit discharges/illegal connections will be rectified as City staff becomes aware of them. Additionally, City Council has recently approved a BAN which includes funding for the purchase of a new CCTV camera equipment. Once acquired, this new equipment shall be utilized on a regular basis to better understand the existing storm and sanitary sewer system network, identify illicit discharges/illegal connections, and locate system issues so that they can be addressed in a proactive manner.

MCM 4, 7.B.

Although the entire City is not technically part of the MS4 area, it is generally treated as such when conducting site plan reviews. In accordance with the City's SPDES Permit, Best Management Practices for Combined Sewer Overflows, No. 12 recommends that the impacts of run-off from development and re-development in areas served by combined sewers be reduced by requiring compliance with the NYS Standards and Specifications for Erosion and Sediment Control and the quantity control requirements included in the NYS Stormwater Management Design Manual.

MCM, 7.F.

City is working with a consultant to fully rewrite the SWMP. This work will continue, be finalized, and adopted by City Council during the coming reporting year. Additionally, the City if working with a consultant to develop an appropriate green infrastructure program to become codified in the City Code and required of all development throughout the City. In the interim, City staff will continue to encourage appropriate BMP's in accordance with the NYS Stormwater Management Design Manual and NYS Standards and Specifications for Erosion and Sediment Control.

MCM 5, 6.B.

The City has developed and implemented a post-construction SMP inspection program. The Engineering Department, Records Management Officer, and Codes Department have worked collaboratively to conduct a records search and desktop analysis utilizing three (3) inch resolution aerial photography in order to identify potential post-construction stormwater management practices. Additionally, a search of the City records database and the County records database was done to identify approved site plans and associated SWPPP documents. This research work facilitated the development of an initial list of sites containing post-construction stormwater management controls. These sites were then field verified.

The data collected from the desktop analysis, field verification, and records research was then utilized to populate a Post-Construction Stormwater Management Practices Inventory spreadsheet and associated map. This spreadsheet will be used to continually track and record all inspections and maintenance associated with these post-construction stormwater management practices. Practices that identify an outfall location discharging to the MS4 area were inspected to assess conformance with the approved site plans on file, to determine their current condition in accordance with the design and maintenance criteria specified on the original site plan and SWPPP, as applicable, in addition to any other required criteria as listed in the NYS Stormwater Management Design Manual, and/or best management practices. Any deficiencies noted during the inspections were described in a letter and checklist, which was then sent via certified mail to the property owner. These letters had a response deadline of thirty (30) days to provide the City with proof of maintenance and as-built drawings where necessary. The City will continue ongoing efforts to address maintenance deficiencies associated with these privately owned practices until full compliance is achieved.

MCM 5, 6.F.

The City is working with a consultant to fully rewrite the SWMP. This work will continue, be finalized, and adopted by City Council during the coming reporting year. As mentioned above, the City is working with the respective SMP owners to ensure the facilities are installed and maintained as they were intended. Most of this work will be conducted during the next reporting period. Once full compliance is achieved, the City will continue to inspect the post-construction SMP's covered by the General Permit for compliance with their approved plans and SWPPP's. The City intends to implement a similar inspection process related to post-construction SMP's in the combined portions of the system in order to aid in compliance with the SPDES Permit and aspects of the LTCP.