

# MS4 Annual Report Cover Page

MCC form for period ending March 9, 2021

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

SPDES ID

N Y R 2 0 A 4 7 1

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

T o w n o f O r a n g e t o w n

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

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

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MCC form for period ending March 9,	2	0	2	1
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Town of Orangetown

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A large red number 4 is drawn on a grid background. The number is composed of several thick red strokes. It starts with a vertical line on the right side, then a horizontal line at the top, and a diagonal line from the top-left to the bottom-right. There is also a horizontal line at the bottom and a vertical line on the left side, forming a square-like shape with a diagonal cross.

ion name:



**MS4 Municipal Compliance Certification(MCC) Form**MCC form for period ending March 9, 

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Name of MS4 

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**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

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State

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Zip

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Phone

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County

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

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

Name of MS4 Town of Orangetown

SPDES ID

N Y R 2 0 A 4 7 1

**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)
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).

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

B r u c e

MI

Last Name

P e t e r s

Title

E n g i n e e r I V

Address

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City

O r a n g e b u r g

State

N Y

Zip

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Phone

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County

R o c k l a n d

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

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

Name of MS4 Town of Orangetown

SPDES ID

N Y R 2 0 A 4 7 1

**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

C o r n e l l C o o p e r a t i v e E x t e n s i o n

Partner/Coalition Name (con't.)

( C C E )

SPDES Partner ID - If applicable

N Y R 2 0

Address

1 0 P a t r i o t H i l l s D r i v e

City

S t o n y P o i n t

State

N Y

Zip

1 0 9 8 0 -

eMail

Phone

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

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 T a r g e t e d P u b l i c E d . & O u t r e a c h

☒ MM2 P u b l i c I n v o l v e m e n t / P a r t i c i p a t .

☐ MM3

☐ MM4

☐ MM5

☒ MM6 G o o d H o u s e k e e p i n g / P o l l . P r e v .

Additional tasks/responsibilities

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







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Name of MS4/Coalition	Town of Orangetown
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## 1

- How many MS4s are contributed to this report?

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☐ Yes    ☒ No

☐ Report(s) attached to the annual report

☐ Web Page(s) where report(s) is/are provided below

URL

DR

[illegible][illegible][illegible]

# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2021

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

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### **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

[illegible]

**2. Specific audiences targeted during this reporting period:**

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

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Town of Orangetown

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

☐ Construction Site Operators Trained

# Trained

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☒ Direct Mailings

# Mailings

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☐ Kiosks or Other Displays

# Locations

--	--	--	--	--

☐ List-Serves

# In List

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☒ Mailing List

# In List

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☒ Newspaper Ads or Articles

# Days Run

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☐ Public Events/Presentations

# Attendees

--	--	--	--	--

☐ School Program

# Attendees

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☐ TV Spot/Program

# Days Run

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☒ Printed Materials:

Total # Distributed

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

C	C	E		E	d	u	c	a	t	i	o	n		C	e	n	t	e	r
L	i	b	r	a	r	i	e	s											

☒ Other:

W	R	C	R		R	a	d	i	o		S	h	o	w	s				
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☒ Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

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#### 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.

The first evaluation is done immediately following most CCE classes/ seminars. In such cases, the participants are asked to name at least one of the Best Management practices that they intend to use on their property. Public outreach awareness through CCE- Stormwater Consortium sponsored radio shows, CCE news letters, Distribution of Rain barrels.

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

Fertilizer Law Class - 3 in attendance - participants offered written evaluations immediately following classes, MS4 Consortium meeting - 6 meeting, 8 Public radio programs, 8 rain barrels given out, 12 CCE news letters, CCE handed out 100 Stormwater Quality brochures through Orangetown Highway Department, Keep Rockland Beautiful Cleanup days - 44 volunteers, Rockland P.L.U.S (Planning Land Use with Students) - 300 students participated.

##### 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).

MCM #1 - CCE will continue to develop, shape, and improve outreach and education efforts. This includes brochures, PSAs, the stormwater webpage, the interactive map, promoting the many public participation opportunities available throughout Rockland County, etc.

MCM #2 - CCE will continue to recruit volunteers and collaborate with other organizations (KRB, Environment Educators of RC) to promote storm drain marking, litter cleanup, cont. litter hotline.



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

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

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

How many MS4s contributed to this report?

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

- | ● Cleanup Events            |   |  |  |  |   |  |  |  |  | # Events    |   |  |  |   |  |  |  |  |  |  |
|-----------------------------|---|--|--|--|---|--|--|--|--|-------------|---|--|--|---|--|--|--|--|--|--|
| ○ Comments on SWMP Received |   |  |  |  |   |  |  |  |  | # Comments  |   |  |  |   |  |  |  |  |  |  |
| ● Community Hotlines        |   |  |  |  |   |  |  |  |  |             |   |  |  |   |  |  |  |  |  |  |
| Phone #                     | ( |  |  |  | ) |  |  |  |  | Phone #     | ( |  |  | ) |  |  |  |  |  |  |
| Phone #                     | ( |  |  |  | ) |  |  |  |  | Phone #     | ( |  |  | ) |  |  |  |  |  |  |
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| Phone #                     | ( |  |  |  | ) |  |  |  |  | Phone #     | ( |  |  | ) |  |  |  |  |  |  |
| ● Community Meetings        |   |  |  |  |   |  |  |  |  | # Attendees |   |  |  |   |  |  |  |  |  |  |
| ○ Plantings                 |   |  |  |  |   |  |  |  |  | Sq. Ft.     |   |  |  |   |  |  |  |  |  |  |
| ○ Storm Drain Markings      |   |  |  |  |   |  |  |  |  | # Drains    |   |  |  |   |  |  |  |  |  |  |
| ● Stakeholder Meetings      |   |  |  |  |   |  |  |  |  | # Attendees |   |  |  |   |  |  |  |  |  |  |
| ● Volunteer Monitoring      |   |  |  |  |   |  |  |  |  | # Events    |   |  |  |   |  |  |  |  |  |  |
| ○ Other:                    |   |  |  |  |   |  |  |  |  |             |   |  |  |   |  |  |  |  |  |  |

2. Was public notice of availability of this annual report and Stormwater Management Program (SWMP) Plan provided? ☒ Yes

☒ Yes      ☐ No

- |   |            |  |  |  |  |
|---|------------|--|--|--|--|
| <input type="radio"/> List-Serve  | # In List  |  |  |  |  |
| <input type="radio"/> Newspaper Advertising   | # Days Run |  |  |  |  |
| <input type="radio"/> TV/Radio Notices  | # Days Run |  |  |  |  |
| <input checked="" type="radio"/> Other: C o p y   i n   T o w n   H a l l   f o r   I n s p e c t . |            |  |  |  |  |

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



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## MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2021

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 Orangetown
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SPDES ID

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**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, 2021

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Name of MS4/Coalition	Town of Orangetown
-----------------------	--------------------

SPDES ID

N	Y	R	2	0	A	4	7	1
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**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

[illegible]

Address

[illegible]

City

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Phone

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Library

☒ Annual Report    ☐ SWMP Plan    ☐ Comments

Address

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City

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Phone

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☐ Other

☒ Annual Report   
 ☒ SWMP Plan   
 ☐ Comments

Address

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City

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Phone

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● Web Page URL:

☒ Annual Report    ☐ SWMP Plan    ☐ Comments

[www.orangetown.com/groups/depar](http://www.orangetown.com/groups/depar)

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eMail

## ● Comments

ereilly@orangetown.com

b p e t e r s @ o r a n g e t o w n . c o m



## MS4 Annual Report Form

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

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

Name of MS4/Coalition

Town of Orangetown

SPDES ID

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

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

0	5	/	0	0	/	2	0	2	1
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**4.b. For how many days was/will this report be posted?**

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

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

☒ Yes ☐ No

If Yes, what was the date of the meeting?

0	5	/	1	9	/	2	0	2	0
---	---	---	---	---	---	---	---	---	---

If No, is one planned?

☐ Yes ☐ No

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

☐ Yes ☐ No

If No, is one planned for each?

☐ Yes ☐ No

**6. Were comments received during this reporting period?**

☐ Yes ☒ No

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

## MS4 Annual Report Form

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

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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 Orangetown
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SPDES ID

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### 7. Evaluating Progress Toward Measurable Goals MCM 2

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

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

Attendees at public meetings, number of letters/phone calls/ and emails received

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

No significant increase in public meeting attendance, no letters, phone calls or email questions received.

#### 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 tracking any comments, inquiries from the public.  
Improve public awareness.

# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2021

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 Orangetown
-----------------------	--------------------

SPDES ID

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### **Minimum Control Measure 3. Illicit Discharge Detection and Elimination**

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

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

How many MS4s contributed to this report?

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

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

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

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

- Sewersheds:



## MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2021

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 Orangetown
-----------------------	--------------------

SPDES ID

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

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

[illegible]

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

		3
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**5. How many illicit discharges have been confirmed during this reporting period?**

		3
--	--	---

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

		3
--	--	---

**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?

	9	9	%
--	---	---	---

**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

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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, 2021

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 Orangetown

SPDES ID

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

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

URL

[illegible]


URL

A large red 'X' mark is drawn on a grid background. The 'X' is formed by two intersecting diagonal lines. The grid consists of 10 columns and 3 rows. The 'X' is centered in the grid, with its intersection point at the center of the grid. The lines are red and have a thickness of approximately 2 pixels. The grid lines are thin and gray.

URL

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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?**

	4	0	%
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## MS4 Annual Report Form

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

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

Name of MS4/Coalition

Town of Orangetown

SPDES ID

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### 12. Evaluating Progress Toward Measurable Goals MCM 3

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

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

Number of illicit discharges detected, identified, eliminated (including: failing septic systems, sanitary sewer overflows, pump station failures, fuel spills, illegal dumping and broken sanitary sewer lines). Number of IDDE NOV's issued. Linear feet of sanitary mains tv'd. Number of manholes outfitted with inserts in high I & I areas, Number of linear feet of sanitary mains slip lined. Number of manholes rehabed.

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

Use of tracking system for illicit discharges. Sanitary sewer overflows, pump station failures, fuel spills - corrected/ fixed (3.) The Town tv'd, cleaned approximately 7,800 LF of sanitary sewer mains in the current reporting year, Replaced approximately 389 LF of damaged sanitary mains. CIPP 488 LF of sanitary sewer main.

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

			3
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(ex.: samples/participants/events)

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

☒ Yes ☐ No

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

☒ Yes ☐ No

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

The Town will be replacing 100 linear feet of sanitary piping. Review I & I program with an emphasis on spot repairs, manhole inserts, slip lining and manhole rehabilitation.



## MS4 Annual Report Form

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

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

Name of MS4/Coalition

Town of Oangetown

SPDES ID

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

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

☒ On behalf of an individual MS4

☐ On behalf of a coalition

How many MS4s contributed to this report? 

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

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

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

☐ 09/2004 ☒ 03/2006 ☐ NT

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

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

	1	6
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4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs? ☒ Yes ☐ No ☐ NT

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

		0
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5. Does your MS4/Coalition provide education and training for contractors about the local SWPPP process? ☒ Yes ☐ No

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

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

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**MS4 Annual Report Form**

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

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

Name of MS4/Coalition 

Town of Orangetown
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SPDES ID

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**Minimum Control Measure 4. Construction Site Stormwater Runoff Control**

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

☒ On behalf of an individual MS4

☐ On behalf of a coalition

How many MS4s contributed to this report? 

--	--	--

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

		4
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2. How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period? 

	1	0
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3. What percent of active construction sites were inspected during this reporting period? ☐ NT 

	5	0
--	---	---

 %

4. What percent of active construction sites were inspected more than once? ☐ NT 

	2	0
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 %

5. Do all inspectors working on behalf of the MS4s contributing to this report use the NYS Construction Stormwater Inspection Manual? ☒ Yes ☐ No ☐ NT

6. Does your MS4/Coalition provide public access to Stormwater Pollution Prevention Plans (SWPPPs) of construction projects that are subject to MS4 review and approval? ☒ Yes ☐ No ☐ NT

If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for public review? ☐ Yes ☐ No

If Yes, use the following page to identify location(s) where SWPPPs can be accessed.



## MS4 Annual Report Form

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

Name of MS4/Coalition

Town of Orangetown

SPDES ID

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### 6. con't.:

Submit additional pages as needed.

#### ● MS4/Coalition Office

Department

T o w n o f O r a n g e t o w n - D E M E

Address

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City

O r a n g e b u r g

N Y

Zip

1 0 9 6 2 -

Phone

( 8 4 5 ) 3 5 9 - 6 5 0 2

#### ○ Library

Address

City

Zip

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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, 

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Name of MS4/Coalition 

Town of Orangetown									
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SPDES ID

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### 7. Evaluating Progress Toward Measurable Goals MCM 4

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

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

Percentage of SWPPPs reviewed.

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

100% of SWPPPs reviewed. 100% of SWPPPs reviewed were returned with comments. All of these were returned with modifications reflecting NYSDEC standards.

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

		1	6
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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 reviewing all SWPPPs in accordance with Town local law and NYSDEC standards.

## MS4 Annual Report Form

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

Name of MS4/Coalition	Town of Orangetown
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SPDES ID

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

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

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

How many MS4s contributed to this report?

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

	# Inventoried	# Inspections	# Times Maintained
<input type="radio"/> Alternative Practices	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Filter Systems	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Infiltration Basins	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="radio"/> Open Channels	<input type="text"/>	1 1 8	1 5
<input checked="" type="radio"/> Ponds	<input type="text"/>	1 8	1 5
<input type="radio"/> Wetlands	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> 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 ☐ No

☐ 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**

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

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

Name of MS4/Coalition 

Town of Orangetown
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SPDES ID

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4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort?

☐ Yes ☐ No

4b. Does the MS4 have a banking and credit system for stormwater management practices?

☐ Yes ☒ No

4c. Do the SWMP Plans for each MS4 contributing to this report include a protocol for evaluation and approval of banking and credit of alternative siting of a stormwater management practice?

☐ Yes ☒ No

4d. How many stormwater management practices have been implemented as part of this system in this reporting period?

--	--	--

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?

	1	0
--	---	---

 %

## MS4 Annual Report Form

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

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

Name of MS4/Coalition 

Town of Orangetown
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SPDES ID

N	Y	R	2	0	A	4	7	1
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### 6. Evaluating Progress Toward Measurable Goals MCM 5

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

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

Number of reports of flooding during storm events from business districts and residents.

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

No reports of flooding in previously reported flood prone areas where corrective action was taken.

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

			0
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(ex.: samples/participants/events)

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

☒ Yes ☐ No

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

☒ Yes ☐ No

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

The Town received a grant from the NYSEFC GIGP program to create a bioretention/ infiltration basin with shallow storm water wetlands to handle and treat storm water runoff that eventually flows into the Sparkill Creek in Tappan. The construction of the basin is almost complete.

**MS4 Annual Report Form**

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

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

Name of MS4/Coalition 

Town of Orangetown									
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SPDES ID

N	Y	R	2	0	A	4	7	1
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**Minimum Control Measure 6. Stormwater Management for Municipal Operations**

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

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

How many MS4s contributed to this report? 

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

<u>Operation/Activity/Facility</u>	<u>Addressed in SWMP?</u>		<u>Self-Assessment Operation/Activity/Facility performed within the past 3 years?</u>	
Street Maintenance.....	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Bridge Maintenance.....	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Winter Road Maintenance.....	<input type="radio"/> Yes	<input type="radio"/> No	<input 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 type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
New Municipal Construction and Land Disturbance..	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Right of Way Maintenance.....	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Marine Operations.....	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Hydrologic Habitat Modification.....	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Parks and Open Space.....	<input type="radio"/> Yes	<input type="radio"/> No	<input 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, 

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

Name of MS4/Coalition

Town of Orangetown

SPDES ID

N	Y	R	2	0	A	4	7	1
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### 2. Provide the following information about municipal operations good housekeeping programs:

- Parking Lots Swept (Number of acres X Number of times swept) # Acres 

				8
--	--	--	--	---
- Streets Swept (Number of miles X Number of times swept) # Miles 

	1	0	1	5
--	---	---	---	---
- Catch Basins Inspected and Cleaned Where Necessary # 

		1	5	0
--	--	---	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary # 

			1	8
--	--	--	---	---
- Phosphorus Applied In Chemical Fertilizer # Lbs. 

		2	2	6
--	--	---	---	---
- Nitrogen Applied In Chemical Fertilizer # Lbs. 

	3	5	2	3
--	---	---	---	---
- Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.) # Acres 

1	2	3	5	.	5
---	---	---	---	---	---

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

				5
--	--	--	--	---

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

1	2	/	0	1	/	2	0	2	0
---	---	---	---	---	---	---	---	---	---

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

		3
--	--	---

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

	1	0	%
--	---	---	---

## MS4 Annual Report Form

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

2	0	2	1
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Name of MS4/Coalition 

Town of Orangetown
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SPDES ID

N	Y	R	2	0	A	4	7	1
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### 7. Evaluating Progress Toward Measurable Goals MCM 6

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

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

Catch basins inspected and cleaned. Municipal parking lots swept.  
Municipal employee training in "Good Housekeeping."

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

The Town Highway Department continues to inspect and clean where necessary between 300-400 out of 4000 catch basins annually.  
DPW employees trained annually on "Good housekeeping" principles.

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

1	5	0
---	---	---

(ex.: samples/participants/events)

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

☒ Yes ☐ No

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

☒ Yes ☐ No

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

Continue with the above and maintain working partnership with CCE to assist in training Highway Dept. personnel.

## MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2021

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 Oramgetown

SPDES ID

NYR20A471

### 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	1,2,77a-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.

  65 %

Estimate what percentage was mapped in this reporting period.

    0 %



## MS4 Annual Report Form

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

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Name of MS4/Coalition

Town of Orangetown

SPDES ID

N	Y	R	2	0	A	4	7	1
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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	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? 

--	--	--

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

--	--	--

 %

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

--	--	--

 %

☐ No Projects Planned

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

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

## MS4 Annual Report Form

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Name of MS4/Coalition

Town of Orangetown

SPDES ID

N	Y	R	2	0	A	4	7	1
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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

DRAFT