



**MS4 Annual Report Cover Page**

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

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

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# MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2018

Name of MS4 TOWN OF HAVERSTRAW

SPDES ID  
N Y R 2 0 A 2 6 5

## Section 2 - Contact Information

Important Instructions - Please Read

Contact information must be provided for each of the following positions as indicated below:

1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)
3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c).
4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
5. Report Preparer (Consultants may provide company name in the space provided).

A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual.

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

For each contact, select all that apply:

- Principal Executive Officer/Chief Elected Official
- Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

First Name H O W A R D MI T Last Name P H I L L I P S

Title T O W N S U P E R V I S O R

Address 1 R O S M A N R O A D

City G A R N E R E V I L L E State N Y Zip 1 0 9 2 3 -

eMail S U P E R V I S O R @ T O W N O F H A V E R S T R A W . O R G

Phone ( 8 4 5 ) 4 2 9 - 2 2 0 0 County R O C K L A N D

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

MCC form for period ending March 9,

Name of MS4

SPDES ID

**Section 2 - Contact Information**

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For each contact, select all that apply:

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- Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

First Name  MI  Last Name

Title

Address

City  State  Zip  -

eMail

Phone (  )  -  County

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

MCC form for period ending March 9, 

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Name of MS4 

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For each contact, select all that apply:

- Principal Executive Officer/Chief Elected Official
- Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

First Name 

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Title 

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Phone 

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**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 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	O	F
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Partner/Coalition Name (con't.)

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City

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State

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Zip

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Phone

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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 

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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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**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 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

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Last Name

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Title (Clearly print title of individual signing report)

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Signature



Date

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Send completed form and any attachments to the DEC Central Office at:

MS4 Permit Coordinator  
Division of Water  
4th Floor  
625 Broadway  
Albany, New York 12233-3505





MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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 HAVERSTRAW

SPDES ID NYR 20A 265

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

F E R T I L I Z E R L A W C L A S S

Other

2. Specific audiences targeted during this reporting period:

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

P L A N N I N G A N D Z O N I N G B O A R D S

Other





**MS4 Annual Report Form**

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Name of MS4/Coalition

TOWN OF HAVERSTRAW

SPDES ID

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**4. Evaluating Progress Toward Measurable Goals MCM 1**

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

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

The Town of Haverstraw aimed to expand its public outreach efforts through the use of printed material targeted towards residents, private developers and industry, as well as through web site publications.

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

The Town of Haverstraw disseminated 3,800 brochures to their target audience focused on erosion and sediment control. Combining these with the remaining printed material from previous years at kiosks, etc. the Town distributed nearly 4,400 brochures through their four kiosks. The Town continues to partner with Cornell Cooperative Extension and the Stormwater Consortium of Rockland County. Through these partnerships, outreach efforts continued to include radio spots, etc.

**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).**

The Town proposes to educate the general public by making 4,000 impressions this year involving a stormwater quality message through printed/on-line material and other appropriate media.

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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

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 1
Comments on SWMP Received # Comments 0
Community Hotlines (with phone numbers)
Community Meetings # Attendees 16
Plantings Sq. Ft.
Storm Drain Markings # Drains
Stakeholder Meetings # Attendees 8
Volunteer Monitoring # Events
Other: P U B L I C M E E T I N G

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: P U B L I C M E E T I N G

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

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

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

URL

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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 

T	O	W	N	O	F	H	A	V	E	R	S	T	R	A	W
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SPDES ID  

N	Y	R	2	0	A	2	6	5
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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

S U P E R V I S O R ' S O F F I C E

Address

1 R O S M A N R O A D

City

G A R N E R V I L L E

Zip

N Y

1 0 9 2 3 -

Phone

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

- Library  Annual Report  SWMP Plan  Comments

Address

City

Zip

-

Phone

( ) -

- Other  Annual Report  SWMP Plan  Comments

Address

City

Zip

-

Phone

( ) -

- Web Page URL:  Annual Report  SWMP Plan  Comments

W W W . T O W N O F H A V E R S T R A W . O R G /

S T O R M W A T E R . H T M L

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

- eMail  Comments

P B R A D Y @ J R S B . O R G

**MS4 Annual Report Form**

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

2	0	1	8
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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 HAVERSTRAW
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SPDES ID  

N	Y	R	2	0	A	2	6	5
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**4.a. If this report was made available on the internet, what date was it posted?**

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

0	6
---	---

 / 

0	1
---	---

 / 

2	0	1	7
---	---	---	---

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

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

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
---	---

 / 

2	9
---	---

 / 

2	0	1	7
---	---	---	---

If No, is one planned?

Yes  No

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

Yes  No

If No, is one planned for each?

Yes  No

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

Yes  No

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

**MS4 Annual Report Form**

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

2	0	1	8
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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 HAVERSTRAW
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SPDES ID  

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

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

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

Continue active involvement with regional stormwater organizations and begin to engage social media and online services. Evaluate opportunities to expand local information regarding stormwater related issues including rainfall distribution data and permit requirements.

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

The Town stormwater officer maintained active attendance at the Rockland County Stormwater Consortium meetings and attended a range of stormwater related activities. The consortium (including the Town of Haverstraw) is currently engaged in a regional stormwater infrastructure mapping project including 5 Towns and 21 Villages in Rockland County.

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

		1	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 active involvement with regional stormwater organizations and continue to evaluate opportunities to utilize social media/online services.

### **MS4 Annual Report Form**

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

2	0	1	8
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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 

T	O	W	N	O	F	H	A	V	E	R	S	T	R	A	W
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SPDES ID  

N	Y	R	2	0	A	2	6	5
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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:**

			1	9	4
--	--	--	---	---	---

 # 

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

 %

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

1	5	5
---	---	---

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

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

1	1	T	O	W	N	O	W	N	E	D	P	R	O	P	E	R	T	I	E	S					
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	--	--	--	--	--

Sewersheds:  

M	I	N	I	S	C	E	O	N	G	O	,	H	U	D	S	O	N	,	M	A	H	W	A	H				
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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 HAVERSTRAW
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SPDES ID  

N	Y	R	2	0	A	2	6	5
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**8. URL(s) con't.:**

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

URL


URL


URL


URL


URL


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

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

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

	5	0
--	---	---

 %

**MS4 Annual Report Form**

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

2	0	1	8
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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 HAVERSTRAW
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SPDES ID  

N	Y	R	2	0	A	2	6	5
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**12. Evaluating Progress Toward Measurable Goals MCM 3**

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

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

The Town aimed to move forward with field mapping and mobil application development for IDDE inspections

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

The Town engaged Cornell Cooperative and other Towns/Villages in Rockland County to begin a centralized mapping system. They are currently evaluating ways to utilize mobile application technology to incorporate IDDE inspection forms into the mapping software

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

			1
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*(ex.: samples/participants/events)*

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

Yes     No

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

Yes     No

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

Complete implementation and testing periods for the revised mobile mapping applications incorporated into the data collection software

**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 HAVERSTRAW

SPDES ID

N	Y	R	2	0	A	2	6	5
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**Minimum Control Measures 4 and 5.**  
**Construction Site and Post-Construction Control**

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

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

How many MS4s contributed to this report? 

		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 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
--	--	---

**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 # 

--	--	--	--	--	--

 ○ No Authority
- Other # 

--	--	--	--	--	--

 ○ No Authority

**MS4 Annual Report Form**

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

2	0	1	8
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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 HAVERSTRAW
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SPDES ID

N	Y	R	2	0	A	2	6	5
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**Minimum Control Measure 4. Construction Site Stormwater Runoff Control**

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

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

How many MS4s contributed to this report? 

		1
--	--	---

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 

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

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

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

 %
  5. Do all inspectors working on behalf of the MS4s contributing to this report use the NYS Construction Stormwater Inspection Manual?  Yes  No  NT
  6. Does your MS4/Coalition provide public access to Stormwater Pollution Prevention Plans (SWPPPs) of construction projects that are subject to MS4 review and approval?  Yes  No  NT
- If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for public review?  Yes  No

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

### MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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 HAVERSTRAW

SPDES ID  
N Y R 2 0 A 2 6 5

6. con't.:

Submit additional pages as needed.

MS4/Coalition Office

Department

S U P E R V I S O R ' S O F F I C E

Address

O N E R O S M A N R O A D

City

G A R N E R V I L L E

N Y

Zip

1 0 9 2 3 -

Phone

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

Library

Address

City

Zip

-

Phone

( ) -

Other

Address

B U I L D I N G D E P A R T M E N T 1 R O S M A N R D

City

G A R N E R V I L L E

N Y

Zip

1 0 9 2 3 -

Phone

( 8 4 5 ) 9 4 2 - 3 7 1 0

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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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 HAVERSTRAW

SPDES ID

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

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

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

Continue effective review of construction projects and evaluate opportunities for additional knowledge sharing regarding GP-0-15-002

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

The Town informed local contractors through web portals and informational bulletins regarding the General Permit for Construction Activities

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

			1
--	--	--	---

*(ex.: samples/participants/events)*

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

Yes    No

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

Yes    No

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

Continue review of construction projects as they currently stand and identify future opportunities for knowledge sharing with local contractors.



**MS4 Annual Report Form**

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

2	0	1	8
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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 HAVERSTRAW
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SPDES ID  

N	Y	R	2	0	A	2	6	5
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4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort?

Yes     No

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

Yes     No

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

Yes     No

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

		0
--	--	---

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?

	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 HAVERSTRAW

SPDES ID

N	Y	R	2	0	A	2	6	5
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**6. Evaluating Progress Toward Measurable Goals MCM 5**

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

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

The Town aimed to continue education of staff members on emerging post-construction stormwater management technology through informational meetings and on-line inquireies

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

The Town conducted 12 inspections of post-construction stormwater management practices and staff attended training sessions on stormwater pollution.

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

		1	3
--	--	---	---

*(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 aims to continue to educate staff through formal and informal training sessions with the goal of educating 25% of staff engaged in those areas within the next year.

**MS4 Annual Report Form**

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

2	0	1	8
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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 HAVERSTRAW
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SPDES ID 

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

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

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

How many MS4s contributed to this report? 

		1
--	--	---

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

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



**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 HAVERSTRAW
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SPDES ID

N	Y	R	2	0	A	2	6	5
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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 

			1	2
--	--	--	---	---
- Streets Swept (Number of miles X Number of times swept) # Miles 

		4	5	0
--	--	---	---	---
- Catch Basins Inspected and Cleaned Where Necessary # 

			8	5
--	--	--	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary # 

			1	2
--	--	--	---	---
- Phosphorus Applied In Chemical Fertilizer # Lbs. 

				0
--	--	--	--	---
- Nitrogen Applied In Chemical Fertilizer # Lbs. 

				0
--	--	--	--	---
- Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.) # Acres 

		8	5	.	
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**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?**

0	1	/	1	9	/	2	0	1	7
---	---	---	---	---	---	---	---	---	---

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

	1	7
--	---	---

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

	8	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 HAVERSTRAW
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SPDES ID

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

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

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

Continue training and knowledge transfer regarding stormwater funding, erosion and sediment control practices and post-construction stormwater management practices

Continue conducting routine maintenance activities such as street sweeping and catch basin cleaning

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

Town staff from Highway, Parks, and Golf Course Facilities conducted visual observations and inspections of 11 Town-owned facilities. Additionally, inspections/cleaning of the 3 stormwater ponds were conducted 4 times this year. The Town's point person, stadd and Directors of Parks, Highway and Town golf course actively participated in quarterly and annual inspections of Town facilities.

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

		4	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).**

Continue training and expansion of knowledge regarding emerging pollutants of concern. Conduct street sweeping and catch basin cleaning.

**MS4 Annual Report Form**

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

2	0	1	8
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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 HAVERSTRAW
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SPDES ID

N	Y	R	2	0	A	2	6	5
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**Additional Watershed Improvement Strategy Best Management Practices**

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

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

How many MS4s contributed to this report? 

		1
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**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. 

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 %

Estimate what percentage was mapped in this reporting period. 

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 %

**MS4 Annual Report Form**

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

2	0	1	8
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Name of MS4/Coalition 

TOWN OF HAVERSTRAW
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SPDES ID

N	Y	R	2	0	A	2	6	5
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3. Does your MS4/Coalition have a Stormwater Conveyance System (infrastructure) Inspection and Maintenance Plan Program?  Yes  No  N/A

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

	5	0
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 %

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

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

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

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

		0
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7c. What percent of the projects included in 7b have been completed in this reporting period? 

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 %

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

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 %

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**

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

2	0	1	8
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Name of MS4/Coalition 

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SPDES ID

N	Y	R	2	0	A	2	6	5
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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