

### MS4 Annual Report Cover Page

MCC form for period ending March 9, 2 0 1 6

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

SPDES ID

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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 R a m a p o

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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**MS4 Annual Report Cover Page**

MCC form for period ending March 9, 2016

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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 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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MI

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Last Name

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Title

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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 1 6

Name of MS4

SPDES ID  
N Y R 2 0 A 2 0 2

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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  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 

Town of Ramapo.
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SPDES ID

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**Section 2 - Contact Information**

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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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 Last Name 

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Title 

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City 

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 State 

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 Zip 

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eMail 

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Phone 

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 County 

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

MCC form for period ending March 9, 2016

Name of MS4

SPDES ID  

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**Section 3 - Partner Information**

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

If Yes, complete information below.

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

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name

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

Partner/Coalition Name (con't.)

R o c k l a n d

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

p w t 2 @ c o r n e l l . e d u

Phone

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

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 P r i n t e d M a t e r i a l s D i s t r i b u t i o n

MM2 P u b l i c E v e n t s / P r e s e n t a t i o n s

MM3

MM4

MM5

MM6 E m p l o y e e E d u c a t i o n

Additional tasks/responsibilities

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

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

MCC form for period ending March 9, 2 0 1 6

Name of MS4

SPDES ID

**Section 4 - Certification Statement**

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

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

First Name

MI

Last Name

Title (Clearly print title of individual signing report)

Signature



Date

/   /

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

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



**MS4 Annual Report Form**

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

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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 Ramapo
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SPDES ID

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**Water Quality Trends**

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

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

How many MS4s are contributed to this report? 

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

Yes    No

If Yes, choose one of the following

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

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

URL


URL


URL


URL




### MS4 Annual Report Form

**This report is being submitted for the reporting period ending March 9, 2 0 1 6**

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

Name of MS4/Coalition

SPDES ID  

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

- |  |                     |  |   |   |   |   |   |   |
|--|---------------------|--|---|---|---|---|---|---|
| <input checked="" type="radio"/> Construction Site Operators Trained | # Trained           | <table border="1" style="border-collapse: collapse; text-align: center;"><tr><td> </td><td> </td><td> </td><td>9</td><td>9</td></tr></table>           |   |   |   | 9 | 9 |   |
|  |                     |  | 9 | 9 |   |   |   |   |
| <input type="radio"/> Direct Mailings                                | # Mailings          | <table border="1" style="border-collapse: collapse; text-align: center;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>           |   |   |   |   |   |   |
|  |                     |  |   |   |   |   |   |   |
| <input checked="" type="radio"/> Kiosks or Other Displays            | # Locations         | <table border="1" style="border-collapse: collapse; text-align: center;"><tr><td> </td><td> </td><td> </td><td> </td><td>3</td></tr></table>           |   |   |   |   | 3 |   |
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| <input type="radio"/> List-Serves                                    | # In List           | <table border="1" style="border-collapse: collapse; text-align: center;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>           |   |   |   |   |   |   |
|  |                     |  |   |   |   |   |   |   |
| <input type="radio"/> Mailing List                                   | # In List           | <table border="1" style="border-collapse: collapse; text-align: center;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>           |   |   |   |   |   |   |
|  |                     |  |   |   |   |   |   |   |
| <input type="radio"/> Newspaper Ads or Articles                      | # Days Run          | <table border="1" style="border-collapse: collapse; text-align: center;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>           |   |   |   |   |   |   |
|  |                     |  |   |   |   |   |   |   |
| <input checked="" type="radio"/> Public Events/Presentations         | # Attendees         | <table border="1" style="border-collapse: collapse; text-align: center;"><tr><td> </td><td> </td><td> </td><td>1</td><td>8</td></tr></table>           |   |   |   | 1 | 8 |   |
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| <input type="radio"/> School Program                                 | # Attendees         | <table border="1" style="border-collapse: collapse; text-align: center;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>           |   |   |   |   |   |   |
|  |                     |  |   |   |   |   |   |   |
| <input checked="" type="radio"/> TV Spot/Program                     | # Days Run          | <table border="1" style="border-collapse: collapse; text-align: center;"><tr><td> </td><td> </td><td> </td><td>1</td><td>1</td></tr></table>           |   |   |   | 1 | 1 |   |
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| <input checked="" type="radio"/> Printed Materials:                  | Total # Distributed | <table border="1" style="border-collapse: collapse; text-align: center;"><tr><td> </td><td> </td><td> </td><td>3</td><td>5</td><td>5</td></tr></table> |   |   |   | 3 | 5 | 5 |
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Locations (e.g. libraries, town offices, kiosks)

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

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**MS4 Annual Report Form**

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

Name of MS4/Coalition

SPDES ID  
N Y R 2 0 A 2 0 2

3. Web Page cont.: Provide specific web addresses - not home page.

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**MS4 Annual Report Form**

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Name of MS4/Coalition 

Town of Ramapo
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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 measureable goal was to sponsor or facilitate at least one class that would educate the public and/or contractors with respect to a particular pollutant. Through our contact with Cornell Cooperative Extension, nine (9) classes were held on the County Fertilizer Law and eleven (11) radion shows were broadcast on WRCR on a variety of stormwater related topics.

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

Eighteen (18) people from Ramapo attended the classes regarding the Fertilizer Law. Eleven (11) half hours radio shows were broadcast over local airways. Many shows received telephone calls pertaining to the topic of discussion.

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

		2	9
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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).**

We hope to sponsor or facilitate at least several classes next year.

Ramapo also intends to be involved with a minimum of six (6) additional radio programs on stormwater related issues.

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Name of MS4/Coalition 

Town of Ramapo
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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.**

Our measurable goal was to distribute a minimum of 175 pieces of educational literature at the DPW and Town Hall offices. We surpassed this goal by distributing almost 300 pieces of educational materials at three different offices.

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

This activity seems to be effective because the brochures are being placed only when the existing materials are being taken by the public.

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

			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).**

We intend to distribute a minimum of 175 more pieces of educational literature at the DPW and Town Hall Offices of the Building Dept. and Town Clerk in the next reporting year.



### MS4 Annual Report Form

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

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

Name of MS4/Coalition

SPDES ID

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

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

URL

URL

URL

URL

URL

URL

URL





### MS4 Annual Report Form

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

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

Name of MS4/Coalition

SPDES ID

### 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

Address

City

Zip

Phone

(  )  -

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

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

eMail       Comments

**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo

SPDES ID

N	Y	R	2	0	A	2	0	2
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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	3	/	2	0	1	6
---	---	---	---	---	---	---	---	---	---

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

3	6	5
---	---	---

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

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

Yes  No

If Yes, what was the date of the meeting?

0	5	/	1	3	/	2	0	1	5
---	---	---	---	---	---	---	---	---	---

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	6
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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 Ramapo
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SPDES ID

N	Y	R	2	0	A	2	0	2
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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.**

Our goal was to continue going door to door to interact with residents to inform them about the storm drain markings and the importance of clean stormwater in relation of our drinking water supply. A numeric goal was not set due to the uncertainty of how many residents would be home or answer the door in targeted areas.

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

15 households of the 43 attempted had individuals answer the door and listened to the information being presented. Those that were spoken with for the most part were receptive to the concepts. Each house also receive a pamphlet explaining the purpose of the decals whether they answered the door or not.

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

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

*(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).**

We hope to continue with this program in the next calendar year. We also hope to include literature dissemination totals of brochure delivered to residents who live along streams and waterways.

**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo
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SPDES ID  

N	Y	R	2	0	A	2	0	2
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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.**

The measureable goal was to publicize for and conduct our annual stormwater report at a Town Board or Workshop Meeting where the public could attend despite it no longer being a DEC requirement.

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

Not many people appeared in person for the May 13, 2015 presentation and Board Meeting. The meeting however was televised across a local cable television channel as well. While its difficult to assess how many actually watched live or on tape delay, we have heard over the years form people who saw it on television.

**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).**

We intend to continue advertising for and presenting the Annual Report at a public meeting.

### **MS4 Annual Report Form**

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

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

Name of MS4/Coalition

Town of Ramapo

SPDES ID

N Y R 20 A 202

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

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

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

How many MS4s contributed to this report?   1

**1. Enter the number and approx. percent of outfalls mapped:**   190 #   100 %

**2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)?**   190

**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 Plating 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 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 type="radio"/> Industrial Process Water        | <input type="radio"/> Vehicle Maint./Repair Shops |
| <input type="radio"/> Other:                          | <input type="radio"/> None                        |

Sewersheds:

A l l o u t f a l l s w e r e i n s p e c t e d



**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo
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SPDES ID

N	Y	R	2	0	A	2	0	2
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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?

		3	1	%
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**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo
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SPDES ID

N	Y	R	2	0	A	2	0	2
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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.**

Since the beginning of the original 5 year permit period the Town of Ramapo has been flushing our sanitary trouble areas to prevent sewer blockages and resulting sewer discharges. We have reached our goal of flushing at least 5 miles in each of the past 12 years. this year we flushed 5.8 miles in Unincorporated Ramapo.

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

This activity has been effective in pro-actively removing grease and paper buildup on the inner walls of our sewer lines. We see this working every day by virtue of the reduction of call outs we receive reporting blockages both during and after working hours.

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

2	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).**

We intend to continue flushing a minimum of 5 miles of sanitary sewers during the next reporting year.

**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo
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SPDES ID  

N	Y	R	2	0	A	2	0	2
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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.**

Our measureable goal was to inspect and photograph each of our 190 know outfall structures and look for illicit discharges. It was to use the work sheets designed by the Center of Watershed Protection and endorsed by the DEC.

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

All of our outfalls were inspected and photographed and the proper forms were utilized. No illicit discharges were found.

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

1	9	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).**

We intend to continue inspecting each of our known outfalls again this Summer. We will continue to use the DEC endorsed forms again and photograph each outfall.

**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo
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SPDES ID  

N	Y	R	2	0	A	2	0	2
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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	9
--	---	---
  
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 # 

			5	3
--	--	--	---	---

 No Authority
- Stop Work Orders # 

				1
--	--	--	--	---

 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	6
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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 Ramapo
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SPDES ID  

N	Y	R	2	0	A	2	0	2
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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? 

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

	1	9
--	---	---
  
  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 

	5	8
--	---	---

 %
  
  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, 2016

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

Name of MS4/Coalition

SPDES ID  
N Y R 2 0 A 2 0 2

6. con't.:

Submit additional pages as needed.

● MS4/Coalition Office

Department

D e p a r t m e n t o f P u b l i c W o r k s

Address

1 6 P i o n e e r A v e n u e

City

T a l l m a n

N Y

Zip

1 0 9 8 2 -

Phone

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

○ Library

Address

City

Zip

-

Phone

( ) -

○ Other

Address

City

Zip

-

Phone

( ) -

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

URL

URL

**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo
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SPDES ID

N	Y	R	2	0	A	2	0	2
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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.**

Our measureable goal is to review 100% of the SWPPPs that enter our Office for compliance with NYSDEC and local requirements.

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

This measure is very effective because most of the SWPPPs submitted need to be reviewed multiple times to be compliant. Ed Moran reviews the plans for the most part on behalf of the Town. Without these multiple reviews, proposed plans will likely be designed incorrectly in terms of function and size.

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

		1	9
--	--	---	---

(ex.: samples/participants/events)

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

Yes  No

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

Yes  No

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

Next year we again anticipate reviewing all of the SWPPPs that are submitted to the DPW Office.

## MS4 Annual Report Form

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

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

Name of MS4/Coalition Town of Ramapo

SPDES ID

N	Y	R	2	0	A	2	0	2
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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

- 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 checked="" type="radio"/> Filter Systems	3	52	12
<input checked="" type="radio"/> Infiltration Basins	17	0	0
<input type="radio"/> Open Channels			
<input checked="" type="radio"/> Ponds	22	0	0
<input type="radio"/> Wetlands			
<input type="radio"/> Other			

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

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

- Building Codes      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:

R a i n   G a r d e n



**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo
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SPDES ID

N	Y	R	2	0	A	2	0	2
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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?

		6
--	--	---

 %

**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo

SPDES ID

N	Y	R	2	0	A	2	0	2
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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.**

Our measureable goal was to continue documenting projects in which SPPPs are required and to perform final inspections on the water quality devices when the Notices of Termination are to be filed. It was also to clean out the one organic filter the Town does own.

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

Our master spreadsheet has been updated so its easy to see all of our projects in one file. We continue to maintain our digitally organized weekly reports on E&SC inspection on those projects that require it.

**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).**

Our goal is to continue documenting the projects that require SWPPPs. We will perform final inspections on those projects that are looking for their Notices of Temination. We will also continue to maintain our organic filter at least quarterly.

**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo
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SPDES ID  

N	Y	R	2	0	A	2	0	2
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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.**

Our measureable goal was to purchase at least 12 structural devices that would assist the Town in keeping priority pollutants from entering the storm drain system. This past year we purchase 16 retrofit inlet covers. (grate plates)

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

We are noticing that both the stream and waterbody areas downstream and the piping system itself are noticeably cleaner than they have been in the past.

**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).**

We anticipate purchasing at least twelve (12) more of these structural devices in the upcoming year. Since the catchbasins immediately upstream from Lake Suzanne in the Town's jurisdiction are almost complete, we will install future grate plates on other catchbasins that lead to other tributaries of the Pascack Brook.

**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo
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SPDES ID  

N	Y	R	2	0	A	2	0	2
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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
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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>	
	<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 type="radio"/>	<input checked="" 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 type="radio"/>	<input checked="" type="radio"/>
Salt Storage.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Solid Waste Management.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
New Municipal Construction and Land Disturbance..	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" 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 type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Municipal Building.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Stormwater System Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Vehicle and Fleet Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" 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, 

2	0	1	6
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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 Ramapo

SPDES ID

N	Y	R	2	0	A	2	0	2
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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 

			5	8
--	--	--	---	---
- Streets Swept (Number of miles X Number of times swept) # Miles 

			7	8
--	--	--	---	---
- Catch Basins Inspected and Cleaned Where Necessary # 

			8	9
--	--	--	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary # 

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

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

	3	9	3	3
--	---	---	---	---
- Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.) # Acres 

	2	7	4	.	5
--	---	---	---	---	---

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

				7
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**4. What was the date of the last training?**

0	2	/	0	3	/	2	0	1	6
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**5. How many municipal employees have been trained in this reporting period?**

	2	8
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**6. What percent of municipal employees in relevant positions and departments receive stormwater management training?**

	3	8	%
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**MS4 Annual Report Form**

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

2	0	1	6
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Name of MS4/Coalition

Town of Ramapo

SPDES ID

N	Y	R	2	0	A	2	0	2
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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.**

The measureable goal was to sweep one hundred (100) lane miles of roadway in Unincorporated Ramapo in the reporting year. Unfortunately, due to mechanical problems with our street sweepers we only swept a little over seventy-eight (78) lane miles. We began the reporting year with 3 sweepers but only 1 is currently operational.

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

By continuing to sweep a significant amount of miles, less sediment and trash is deposited in our catchbasins that flow into our water bodies.

**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).**

If the Town does not purchase or make the significant repairs need to put an additional street sweeper on the road, we will downgrade our target to seventy-five (75) lane miles of roadway swept.

**MS4 Annual Report Form**

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

2	0	1	6
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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 Ramapo
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SPDES ID

N	Y	R	2	0	A	2	0	2
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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.**

Initially our measureable goal was to clean 30 catch basins in Unincorporated Ramapo. We later increased that figure to 40 and most recently increase it to 50. These catch basins will be cleaned mainly between march and November.

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

This action increases the effectiveness of our storm drain system by collecting and transporting stormwater runoff and removes both sediment and debris from downstream water bodies. We cleaned out 89 catch basins this past reporting period.

**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).**

We propose to clean out an additional 50 catch basins next year in Unincorporated Ramapo mainly between the months of March and November 2016 before the debris freezes in the catch basins making it extremely difficult to remove.