



**MS4 Annual Report Cover Page**

MCC form for period ending March 9, 2015

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

SPDES ID  
N Y R 2 0 A





### MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2015

Name of MS4

SPDES ID  
N Y R 2 0 A 2 0 2

#### Section 2 - Contact Information

Provide contact information for *all* of the following contacts:

1. The Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
2. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c.).
3. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
4. Report Preparer (Consultants may provide company name in the space provided).

**Submit a separate sheet for each contact.**

For each contact, select all that apply:

- Signatory Authority (choose one of the following)
  - Executive Officer or Ranking 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**

Provide contact information for *all* of the following contacts:

1. The Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
2. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c.).
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**Submit a separate sheet for each contact.**

For each contact, select all that apply:

- Signatory Authority (choose one of the following)
  - Executive Officer or Ranking Elected Official
  - Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

First Name	MI	Last Name
M i c h a e l	J	S a d o w s k i

Title
D e p u t y   D i r e c t o r   D P W

Address
1 6   P i o n e e r   A v e n u e   P O   B o x   4 4 6

City	State	Zip
T a l l m a n	N Y	1 0 9 8 2 -

eMail
S a d o w s k i m @ R a m a p o - n y . g o v

Phone	County
( 8 4 5 ) 3 5 7 - 0 5 9 1	R o c k l a n d









### 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  

N	Y	R	2	0	A	2	0	2
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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="display: inline-table;"><tr><td> </td><td> </td><td> </td><td>6</td><td>8</td></tr></table>           |   |   |   | 6 | 8 |   |
|  |                     |  | 6 | 8 |   |   |   |   |
| <input type="radio"/> Direct Mailings                                | # Mailings          | <table border="1" style="display: inline-table;"><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="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td>3</td></tr></table>           |   |   |   |   | 3 |   |
|  |                     |  |   | 3 |   |   |   |   |
| <input type="radio"/> List-Serves                                    | # In List           | <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>           |   |   |   |   |   |   |
|  |                     |  |   |   |   |   |   |   |
| <input type="radio"/> Mailing List                                   | # In List           | <table border="1" style="display: inline-table;"><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="display: inline-table;"><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="display: inline-table;"><tr><td> </td><td> </td><td> </td><td>1</td><td>8</td></tr></table>           |   |   |   | 1 | 8 |   |
|  |                     |  | 1 | 8 |   |   |   |   |
| <input type="radio"/> School Program                                 | # Attendees         | <table border="1" style="display: inline-table;"><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="display: inline-table;"><tr><td> </td><td> </td><td> </td><td>1</td><td>0</td></tr></table>           |   |   |   | 1 | 0 |   |
|  |                     |  | 1 | 0 |   |   |   |   |
| <input checked="" type="radio"/> Printed Materials:                  | Total # Distributed | <table border="1" style="display: inline-table;"><tr><td> </td><td> </td><td> </td><td>4</td><td>0</td><td>5</td></tr></table> |   |   |   | 4 | 0 | 5 |
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Locations (e.g. libraries, town offices, kiosks)

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Other: 

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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

This report is being submitted for the reporting period ending March 9, 2015

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
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#### 3. Web Page con't.: 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

SPDES ID

N	Y	R	2	0	A	2	0	2
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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 contract with Cornell Cooperative Extension seven (7) classes were held on the County Fertilizer Law and ten (10) radio shows were broadcast on WRRCR on a variety of stormwater related topics.

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

Twenty-one (21) people from Ramapo attended classes regarding Rockland County's fertilizer law. Seven (7) classes were held and landscapers from other Towns attended as well. Ten (10) half hour radio shows were broadcast over local airways. Each show received telephone calls pertaining to the topic of discussion.

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

		3	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 hope to host/sponsor or at least facilitate at least one additional class next year. The date(s) will be determined base on speaker availability.

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

**MS4 Annual Report Form**

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Town of Ramapo

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N	Y	R	2	0	A	2	0	2
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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 measureable 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 more than 185 pieces of education 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 ones are being taken.

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

			3
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*(ex.: samples/participants/events)*

**D. Has your MS4 made progress toward this Measurable Goal during this reporting period?**

Yes  No

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

Yes  No

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

We intend to distribute 175 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

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Name of MS4/Coalition

SPDES ID  
N Y R 2 0 A 2 0 2

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 / 1 1 / 2 0 1 5

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 5 / 2 0 1 4

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	5
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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 (SWMP), including requirements in Part III.C.1. Submit additional pages as needed.

**A. Briefly summarize the Measurable Goal identified in the SWMP 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 to our drinking water supply. A numeric goal was not set due to not knowing how many residents would be home in the targeted areas.

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

28 household of the 80 attempts 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 received a pamphlet explaining the purpose of the decals whether they answered or not

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

		2	8
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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 SWMP?**

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 with this program in the next calendar year.

**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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**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 Meeting or Workshop 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 15, 2014 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 it either live or on tape delay we have heard over the years from people who saw the presentation this way.

**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 Stormwater Annual Report at a televised Town Board Meeting or workshop session.







**MS4 Annual Report Form**

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Name of MS4/Coalition

Town of Ramapo

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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 blockage 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 7.7 miles in Unincorporated Ramapo with at least 5 of those miles being in traditional trouble areas.

**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 work 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
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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 flushing a minimum of 5 miles of sanitary sewers during the next reporting year.

**MS4 Annual Report Form**

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Name of MS4/Coalition

Town of Ramapo

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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 known outfall structures and look for illicit discharges. It was to use the work sheets designed by the Center for 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 with one exception were inspected and photographed and the proper forms were utilized. No illicit discharges were found. The one outfall we could not inspect was buried by a landowner clearing his lot adjacent to the outfall pipe.

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

	1	8	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 intend to continue inspecting each of our known outfalls again this Spring/Summer. We will continue to use the DEC endorsed forms and again photograph each outfall.

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

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

If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law.  
 09/2004  03/2006  NT

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

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

	1	2
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**4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs?**  Yes  No  NT

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

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

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

- Notices of Violation # 

			5	5
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 No Authority
- Stop Work Orders # 

				1
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 No Authority
- Criminal Actions # 

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 No Authority
- Termination of Contracts # 

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 No Authority
- Administrative Fines # 

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 No Authority
- Civil Penalties # 

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 No Authority
- Administrative Orders # 

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 No Authority
- Enforcement Actions or Sanctions # 

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- Other # 

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 No Authority

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

		7
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  2. How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period? 

	1	6
--	---	---
  
  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 

	6	3
--	---	---

 %
  
  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, 

2	0	1	5
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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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**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 DEC 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 te 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	2
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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).**

Next year we intend to review all of the SWPPPS that are submitted to our Office.

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 2015

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

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

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

How many MS4s contributed to this report?

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

	# Inventoried	# Inspections	# Times Maintained
<input type="radio"/> Alternative Practices	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
<input checked="" type="radio"/> Filter Systems	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value="2"/>	<input type="text" value=""/> <input type="text" value="1"/> <input type="text" value="2"/>	<input type="text" value=""/> <input type="text" value="1"/> <input type="text" value="2"/>
<input checked="" type="radio"/> Infiltration Basins	<input type="text" value=""/> <input type="text" value="1"/> <input type="text" value="6"/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value="0"/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value="0"/>
<input type="radio"/> Open Channels	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
<input checked="" type="radio"/> Ponds	<input type="text" value=""/> <input type="text" value="2"/> <input type="text" value="1"/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value="0"/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value="0"/>
<input type="radio"/> Wetlands	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>
<input type="radio"/> Other	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	<input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>

**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	5
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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
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**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?**

	4	1
--	---	---

 %

**MS4 Annual Report Form**

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

2	0	1	5
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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 continue documenting projects in which SWPPPs 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 inspections on those projects that require it.

**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).**

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 Termination. We will also continue to maintain our organic filter at least 4 times a year.

**MS4 Annual Report Form**

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

2	0	1	5
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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 purchased 16 but installed 21..

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

The grate plates originally were installed upstream from a local lake, Lake Suzanne. The lake's appearance has noticeably improved in terms of floatable litter although there is more room for improvement. Unfortunately all of the catchbasins leading to the pond are not under the control of our MS4 and thus other MS4s will have to assist.

**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 anticipate purchasing at least 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 finished 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	5
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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 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 type="radio"/>	<input checked="" 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 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 checked="" type="radio"/>	<input 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 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,** 2015

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  
NYR20A202

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

- Parking Lots Swept (Number of acres X Number of times swept) # Acres   61
- Streets Swept (Number of miles X Number of times swept) # Miles   130
- Catch Basins Inspected and Cleaned Where Necessary #   337
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #    12
- Phosphorus Applied In Chemical Fertilizer # Lbs.    66
- Nitrogen Applied In Chemical Fertilizer # Lbs.  3763
- Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.) # Acres  238.0

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

**4. What was the date of the last training?** 12 / 09 / 2014

**5. How many municipal employees have been trained in this reporting period?**   32

**6. What percent of municipal employees in relevant positions and departments receive stormwater management training?**   58 %

**MS4 Annual Report Form**

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

2	0	1	5
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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.**

We propose to sweep one hundred miles (100) lane miles of roadway in Unincorporated Ramapo in the next reporting year.

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

By continuing to sweep the significant amount of miles we do, less sediment and trash is deposited in our catchbasins that flow into our water bodies. We swept just under 135 lane miles of roadway in Unincorporated Ramapo.

**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 sweep an additional one hundred (100) lane miles of roadway in Unincorporated Ramapo in the next reporting year.

**MS4 Annual Report Form**

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

2	0	1	5
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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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**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 increased 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 337 catch basins this past reporting period.

**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 propose to clean out an additional 50 catch basins next year in unincorporated Ramapo mainly between the months of March and November 2015 before the debris freezes in the catch basin making it extremely difficult.