MS4 Annual Report Cover Page

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

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

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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.

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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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Cover Page 1 of 2

MS4 Annual Report Cover Page

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

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

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

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Each MS4 must submit an MCC form.

Section 1 - MCC Identification Page

Indicate whether this MCC form is being submitted to certify endorsement or acceptance of:

• An Annual Report for a single MS4

○ A Single Entity (Per Part II.E of GP-0-10-002)

○ A Joint Report

Joint reports may be submitted by permittees with legally binding agreements.

If Joint Report, enter coalition name:

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MCC form for period ending March 9, 2 0 2

Name of MS4 Town of Ramapo

Section 2 - Contact Information

Important Instructions - Please Read

Contact information must be provided for <u>each</u> 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

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

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MCC form for period ending March 9, 2 0 2

Name of MS4 Town of Ramapo

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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

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

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MCC form for period ending March 9, 2 0 2

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Section 2 - Contact Information

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For each contact, select all that apply:

O Principal Executive Officer/Chief Elected Official

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

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

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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?

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.

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

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

	SPDES ID
Name of MS4 Town of Ramapo	N Y R 2 0 A 2 0 2

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 M i c h a e 1	MI B	Last Nar S p	ne e c h	t							
Title (Clearly print title of individual signing report)											
TownSupervisor											
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Send completed form and any attachments to the DEC Central Office at:

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

This report is being s	submitted for the re	porting period	ending March 9	2	0	2	0	l
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

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No

Name of MS4/Coalition Town of Ramapo

Water Quality Trends

1

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

On behalf of an individual MS4

 \bigcirc On behalf of a coalition

How many MS4s are contributed to this report?

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. \bigcirc Yes

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.

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Water Quality Trends Page 1 of 1

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

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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Minimum Control Measure 1. Public Education and Outreach

1

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

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

How many MS4s contributed to this report?

1. Targeted Public Education and Outreach Best Management Practices

Check all topics that were included in Education and Outreach during this reporting period:

Construction Sites	• Pesticide and Fertilizer Application
General Stormwater Management Information	O Pet Waste Management
Household Hazardous Waste Disposal	• Recycling
Illicit Discharge Detection and Elimination	Riparian Corridor Protection/Restoration
O Infrastructure Maintenance	Trash Management
○ Smart Growth	○ Vehicle Washing
Storm Drain Marking	\bigcirc Water Conservation
• Green Infrastructure/Better Site Design/Low Impact Development	O Wetland Protection
 Other: Other 2. Specific audiences targeted during this reporting period: 	○ None
Public Employees Contractors	
Residential Developers	
Businesses General Public	
○ Restaurants ○ Industries	
O Other: O Agricultural Other Other	

MCM 1 Page 1 of 4

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

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

Construction Site Operators Trained	# Trained			9	4
○ Direct Mailings	# Mailings				
Kiosks or Other Displays	# Locations				3
○ List-Serves	# In List				
Mailing List	# In List	2	5	1	7
\bigcirc Newspaper Ads or Articles	# Days Run				
Public Events/Presentations	# Attendees		-	1	0
O School Program	# Attendees				
• TV Spot/Program	# Days Run			1	2
 Printed Materials: Locations (e.g. libraries, town offices, kiosks) 	Total # Distributed		3	2	0

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

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

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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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 measurable 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 twelve (12) radio 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.

At least thirteen (13) people from Ramapo attended the classes regarding the Fertilizer Law. Twelve (12) half hour radio shows were broadcast over local airways. Several 30 second radio spot reminders of the upcoming radio shows were also broadcast. Many shows received telephone calls pertaining to the topics of discussion.

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



O No

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

- E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
- Yes O No

Yes

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 eight (8) additional radio programs on stormwater related issues.

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

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 NYR2 0 A 2 0 2

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 over 210 pieces of educational materials at three different locations in Ramapo offices. 98 other pieces of information were distributed during our door to door education and CCE distributed even more information and workshops and events.

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?

|--|

(ex.: samples/participants/events)

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

Yes O No

O No

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

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's Office in the next reporting year as well as CCE events held in Ramapo.

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

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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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 Supervisor began releasing general newsletters via email this past reporting year. The inclusion of stormwater education being distributed this way thus was a new idea not previously indicated in any prior stormwater reporting. This reporting year had two such instances where stormwater education occurred. The first was on not flushing wipes. It had 1726 views. The second was on the fertilizer law. It has 2517 views.

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

This activity seems to be effective because the number of people that have signed up to the Supervisor's newsletter is increasing.

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

(ex.: samples/participants/events)

O No

O No

Yes

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

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

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

As long as the current Supervisor continues with his newsletter we intend to have at least one of them contain information pertaining to stormwater education

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

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

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Name of MS4/Coalition	Town	of Ramapo
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Minimum Control Measure 2. Public Involvement/Participation

1

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

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

How many MS4s contributed to this report?

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

Cleanup Events				2		
Comments on SWMP Received		# Comments				0
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○ Community Meetings		# Attendees				
○ Plantings		Sq. Ft.				
Storm Drain Markings		#Drains			e	5 7
O Stakeholder Meetings		# Attendees				
○ Volunteer Monitoring		# Events				
O Other:						

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

Program (SWMP) Plan provided?	Yes	○ No											
○ List-Serve # In List													
Newspaper Advertising # Days Run													
○ TV/Radio Notices # Days Run													
O Other:													

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

MCM 2 Page 1 of 6

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

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

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<u>MS4</u>	Annual	Report Form

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

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

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4.a. If this report was made available on the internet, what da	ite was it posted?
Leave blank if this report was not posted on the internet.	0 5 / 1 8 / 2 0 2 0
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 submitt	ing a joint report, answer 5.b
5.a. Was an Annual Report public meeting held in this report If Yes, what was the date of the meeting?	ing period? • Yes • No
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? If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.	○ Yes ● No

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

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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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 to 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.

One hundred and thirteen (113) of the two hundred and forty-nine (249) attempts had individuals answer the door and listen 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 the door or not.

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

(ex.: samples/participants/events)

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

🖲 Yes 🛛 🔿 No

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

• Yes O 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 don't think this will continue for the 2020 -2021 on account of Covid-19 but hope to come up with an alternative.

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

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

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Name of MS4/Coalition	Town of Ramapo	N	Y



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 post our Annual Report on the Town's website a couple of weeks before the close of the public comment period in May.

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

It is difficult to observe how effective posting our Annual Report is on the website particularly when no formal comments are obtained. We can tell though that more people are becoming more conscious of the environment and the impact it has on their quality of life by the types of inquiries that are made. Whether that is a function of the Annual Report being on the webstite or just a generally more informed public is unknown.

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

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

• Yes O No

(ex.: samples/participants/events)

1

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

• Yes O 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 will at a minimum have the Annual Report posted on the internet at least a week before we close the public comment period in May.

MCM 2 Page 6 of 6

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

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

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Minimum Control Measure 3. Illicit Discharge Detection and Elimination

1

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

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

How many MS4s contributed to this report?

- 1. Enter the number and approx. percent of outfalls mapped:
- 2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)?
- 3.a. What types of generating sites/sewersheds were targeted for inspection during this reporting period?

\bigcirc Auto Recyclers	\bigcirc Landscaping (Irrigation)
\bigcirc Building Maintenance	\bigcirc Marinas
\bigcirc Churches	○ Metal Plateing Operations
○ Commercial Carwashes	\bigcirc Outdoor Fluid Storage
\bigcirc Commercial Laundry/Dry Cleaners	○ Parking Lot Maintenance
\bigcirc Construction Vehicle Washouts	○ Printing
\bigcirc Cross-Connections	O Residential Carwashing
\bigcirc Distribution Centers	\bigcirc Restaurants
\bigcirc Food Processing Facilities	\bigcirc Schools and Universities
\bigcirc Garbage Truck Washouts	O Septic Maintenance
\bigcirc Hospitals	○ Swimming Pools
\bigcirc Improper RV Waste Disposal	○ Vehicle Fueling
○ Industrial Process Water	○ Vehicle Maint./Repair Shops
O Other:	○ None
• Sewersheds:	
A 1 1 0 u t f a 1 1 s	w e r e i n s p e c t e d

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

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

○ Industrial Connections

○ Inflow/Infiltration

Pump Station Failure

 Name of MS4/Coalition
 Town of Ramapo
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3.b. What types of illicit discharges have been found during this reporting period?

 \bigcirc Broken Lines From Sanitary Sewer

○ Cross Connections

○ Failing Septic Systems

○ Floor Drains Connected To Storm Sewers ● 9

○ Illegal Dumping

Sanitary Sewer Overflows
 Straight Pipe Sewer Discharges

Oth	ner:										0	No	ne											
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- 4. How many illicit discharges/potential illegal connections have been detected during this reporting period?
- 5. How many illicit discharges have been confirmed during this reporting period?
- 1 2

2

2 0 A 2 0 2

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

7. Has the storm sewershed mapping been completed in this reporting period? If No, approximately what percent was completed in this reporting period?

Yes	\bigcirc No					
	8					
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No

○ Yes

8. Is the above information available in GIS? Is this information available on the web? If Yes, provide URL(s):

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

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- 9. Has an IDDE law been adopted for each traditional MS4 and/or have IDDE procedures been approved for all non-traditional MS4s contributing to this report? ● Yes ○ No
- 10. If Yes, has every traditional MS4 contributing to this report certified that this law is equivalent to the NYS Model IDDE Law? . \bigcirc Yes \bigcirc No \bigcirc NT

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

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

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 NYR 2 0 A 2 0 2

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 16 years. This year we flushed 7.1 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 work hours.

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

_	-		_				
			2	4	8		
(ex.:	samp	les/	parı	ici	pant	s/event	s)

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.

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

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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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 also 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 Ramapos' outfalls were inspected and photographed. We did not use the Watershed Protection forms this year because we used a tablet to collect the information as part of a grant and the form itself is not on the tablet. However, the same information contained on those forms was collected. No illicit discharges were found.

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

(ex.: samples/participants/events)

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

● Yes ○ No

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

• Yes O 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 contiue inspecting each of our known outfalls again this Summer. We will hopefully have our Consultant redesign the Survey 123 forms so that it looks like the Center for Watershed Protection form.

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

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

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Name of MS4/Coalition Town of Ramapo

<u>Minimum Control Measures 4 and 5.</u> Construction Site and Post-Construction Control

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

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

How many MS4s contributed to this report?

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?

1

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?

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

5. Does your MS4/Coalition provide education and training for contractors about the local SWPPP process?
 • Yes O 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:



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

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Name of MS4/Coalition	Town of Ramapo

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Minimum Control Measure 4. Construction Site Stormwater Runoff Control

Th	e 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 disturbanduring this reporting period?	ces of one	acre or	more 0
2.	How many construction projects disturbing at least one acre were ad during this reporting period?	ctive in you	ır jurisd	2 3
3.	What percent of active construction sites were inspected during this	reporting	period?	
4.	What percent of active construction sites were inspected more than o	once?	4	O NT
5.	Do all inspectors working on behalf of the MS4s contributing to this Construction Stormwater Inspection Manual?	report use O Yes	the NY	S ONT
6.	Does your MS4/Coalition provide public access to Stormwater Pollu (SWPPPs) of construction projects that are subject to MS4 review as			ans
		Yes	\odot No	O NT
	If your MS4 is Non-Traditional, are SWPPPs of construction projec	ts made av	ailable f	or
	public review?		○ Yes	O 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	2	0
If submitting this form as part of a joint report on behalf of a coalition leave SPDI	ES I	Dł	lan	k.

Name of MS4/Coalition Town of Ramapo

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6. con't.:

Submit additional pages as needed.

MS4/Coalition C	Office
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	Dep	artı	nen	t										,														 		
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	City Zip																													
	Т	a	1	1	m	а	n											N	ΙY	r		1	0	9	8	2	-			
	Pho	ne																						-			,			
	(8	4	5)	3	5	7	-	0	5	9	1																	
⊖ Lib	rary	,																												
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	4 4 4	-																												

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

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

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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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. Joel Bianchi from MJ Engineering reviews the plans on behalf of the Town. Without these multiple reviews, propose 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?

(ex.: samples/participants/events)

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

• Yes O No

2 4

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

• Yes O 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 the Town again anticipates reviewing all of the SWPPPs that are submitted. It is expected that MJ Engineering or another entity and not the DPW Office will be reviewing them in the upcoming year.

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

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

Name of MS4/Coalition	1 Town	of Ramapo
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SPDES ID													
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Minimum Control Measure 5. Post-Construction Stormwater Management

1

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

On behalf of an individual MS4

 \bigcirc 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
○ Alternative Practices			
• Filter Systems	3	5 2	12
Infiltration Basins	29	0	0
\bigcirc Open Channels			
• Ponds	2 3	1	1
\bigcirc Wetlands			
○ Other			

- 2. Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintanance? ••• Yes •• No
- 3. What types of non-structural practices have been used to implement Low Impact Development/Better Site Design/Green Infrastructure principles?
- Building Codes Municipal Comprehensive Plans
- Overlay Districts Open Space Preservation Program
- Zoning Local Law or Ordinance
- None Land Use Regulation/Zoning
- Watershed Plans Other Comprehensive Plan
- Other:

Rain Gardens					-														
	1 8	a	1 +	n	G	 ļΤ	d	e	n	LS.									

MCM 5 Page 1 of 3

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

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

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Name of MS4/Coalition	Town of Ramapo	ľ	N	Y	R

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

○ Yes No

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- 4b. Does the MS4 have a banking and credit system for stormwater management practices?
 - O 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? \bigcirc Yes No
- 4d. How many stormwater management practices have been implemented as part of this system in this reporting period? 0
- 5. What percent of municipal officials/MS4 staff responsible for program implementation attended training on Low Impace Development (LID), Better Site Design (BSD) and other Green Infrastructure principles in this reporting period? 1 1

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

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

Name of MS4/Coalition

SPI	DES	ID							
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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 owns and begin maintenance on the stormwater ponds that were recently transferred to us.

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

Our master spread sheet 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 have greater than an acre of disturbance.

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 \odot No

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

O No Yes

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. The Town will perform final inspections on those projects that are looking for their Notices of Termination. We will also continue to maintain our organic filter as least quarterly and put our new ponds on an inspection schedule.

MCM 5 Page 3 of 3

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

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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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 and installed 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 wterbody areas downstream and the piping system itself are noticeably cleaner then they have been in the past.

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

	. (e	x.: samples/participants/events)
D). Has your MS4 made progress toward this measurable goal during this repo	rting period?

● Yes ○ No

1

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

• Yes O 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.

MCM 5 Page 3 of 3

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

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

SPI	DES	D					_	
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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
- \bigcirc On behalf of a coalition

How many MS4s contributed to this report?

ort?			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.

· · · · · · · · · · · · · · · · · · ·		Se	lf-Assessi	<u>ment</u>
		<u>Operati</u>	<u>on/Activi</u>	ity/Facility
		<u>perform</u>	ed withir	<u>1 the past 3</u>
Operation/Activity/Facility	<u>Addressed i</u>	<u>n SWMP?</u>	<u>years?</u>	-
Street Maintenance	🖲 Yes	0 No	○ Yes	🛡 No
Bridge Maintenance	O Yes	• No	⊖ Yes	🛡 No
Winter Road Maintenance		○ No	⊖ Yes	🛡 No
Salt Storage	🖲 Yes	○ No	○ Yes	🛡 No
Solid Waste Management	• Yes	0 No	○ Yes	No
New Municipal Construction and Land Disturba	ance \bigcirc Yes	• No	\bigcirc Yes	No
Right of Way Maintenance	• Yes	🖲 No	\bigcirc Yes	🖲 No
Marine Operations		• No	\bigcirc Yes	No
Hydrologic Habitat Modification	O Yes	• No	⊖ Yes	No
Parks and Open Space	O Yes	• No	\bigcirc Yes	No
Municipal Building	🔍 🍽 Yes	○ No	\bigcirc Yes	No
Stormwater System Maintenance	• Yes	○ No	⊖ Yes	No
Vehicle and Fleet Maintenance	🔍 🖲 Yes	0 No	\bigcirc Yes	🛡 No
Other	○ Yes	○ No	\bigcirc Yes	\odot No

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

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

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Name of MS4/Coalition	T 6 D	Ν	Y	R	2	0	Α	

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

- Parking Lots Swept (Number of acres X Number of times swept)
- Streets Swept (Number of miles X Number of times swept)
- Catch Basins Inspected and Cleaned Where Necessary
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary

Phosphorus Applied In Chemical Fertilizer

- Nitrogen Applied In Chemical Fertilizer
- Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.)
- 3. How many stormwater management trainings have been provided to municipal employees during this reporting period?
- 4. What was the date of the last training?
- 5. How many municipal employees have been trained in this reporting period?
- 6. What percent of municipal employees in relevant positions and departments receive stormwater management training?



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2

_ _ _ _

#Lbs.									0
# Lbs.			-	L	-	L		3	5
Acres		4	1	0	9	1	2	-	7





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

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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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 fifty (50) miles of roadway in Unincorporated Ramapo in the reporting year. We were able to exceed our goal by sweeping just over seventy three (73) miles in Unincorporated Ramapo.

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?

|--|

(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 \bigcirc 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 are going to increase our street sweeping goal and attempt to sweep seventy (70) lane miles in the next reporting year.

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

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								
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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 to 50. Catchbasins will be cleaned out 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 194 catchbasins in 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 O 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 before the debris freezes in the catch basins making it extremely difficult to remove.