



1 Overocker Road
Poughkeepsie, NY 12603

Town of Poughkeepsie

Planning & Zoning

845-485-3657 Phone
845-486-7885/790-4772 Fax

TOWN OF POUGHKEEPSIE

STORMWATER MANAGEMENT PROGRAM

2012-2013 ANNUAL REPORT

SPDES PERMIT NUMBER: NYR20A198

Prepared for:
Town of Poughkeepsie Town Board



FINAL REPORT
Dated May 31, 2013

MS4 Annual Report Cover Page

MCC form for period ending March 9,

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

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MS4 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 POUGHKEEPSIE																			
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MS4 Annual Report Form

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

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Name of MS4/Coalition

TOWN OF POUGHKEEPSIE

SPDES ID

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4. Evaluating Progress Toward Measurable Goals MCM 1

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

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

-Brochure distribution to residents and commercial owners within the Town during the MS4 outfall inspections
 -Continued involvement with the Dutchess County MS4 Committee on billboards, educational functions and brochure development
 -Maintain use of list-serve, stormwater webpage & trainings for education/outreach

-Ensure that the 2011-2012 SWMPP is available for public review on the Town's website

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

- (200) Brochures were distributed by the Town to residents of the Town at (11) locations
 - (11)The Town of Poughkeepsie was involved with the decision making process of the billboard selection and brochure development that was presented before the Dutchess County MS4 Committee.
 -The July 2011 SWMP is available for public review on the Town's website.

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

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(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

-Continue to update and revise the SWMPP with the new template supplied by the Dutchess County MS4 committee on 10/18/2012. This document is projected to be complete within the 2013-2014 MS4 reporting year.

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

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MS4 Annual Report Form

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Name of MS4/Coalition TOWN OF POUGHKEEPSIE

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3. Where can the public access copies of this annual report, Stormwater Management Program SWMP) Plan and submit comments on those documents?

Enter address/contact info and select radio button to indicate which document is available and whether comments may be submitted at that location. Submit additional pages as needed.

MS4/Coalition Office Annual Report SWMP Plan Comments

Department

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MS4 Annual Report Form

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Name of MS4/Coalition

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

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

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

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

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

Yes No

If Yes, what was the date of the meeting?

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If No, is one planned?

***Meeting was for last year's report**

Yes No

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

Yes N/A No

If No, is one planned for each?

Yes N/A 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.

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TOWN OF POUGHKEEPSIE

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7. Evaluating Progress Toward Measurable Goals MCM 2

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

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

-Continue to support Dutchess WAM , MS4 committee and other watershed groups in the community. -Continue to enhance content and accessibility of the Town's stormwater page. -Continue electronic and direct stormwater informational mailings.

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

-Approximately (21) persons attended (3) WAM public outreach events -Approximately (314) persons attended the (20) stakeholder meetings -(156) list-serves were sent (18) electronic mailings for educational opportunities -Public hearing on Annual report held on 5/9/2012 -The Town's website continued to included updated information pertaining to the MS4

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

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(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

-Continue to support Dutchess WAM , MS4 committee and other watershed groups in the community -Pursue including education brochures with utility mailings
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Minimum Control Measure 3. Illicit Discharge Detection and Elimination

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

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

How many MS4s contributed to this report?

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

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 %

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

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

- Auto Recyclers
- Building Maintenance
- Churches
- Commercial Carwashes
- Commercial Laundry/Dry Cleaners
- Construction Vehicle Washouts
- Cross-Connections
- Distribution Centers
- Food Processing Facilities
- Garbage Truck Washouts
- Hospitals
- Improper RV Waste Disposal
- Industrial Process Water
- Landscaping (Irrigation)
- Marinas
- Metal Plateing Operations
- Outdoor Fluid Storage
- Parking Lot Maintenance
- Printing
- Residential Carwashing
- Restaurants
- Schools and Universities
- Septic Maintenance
- Swimming Pools
- Vehicle Fueling
- Vehicle Maint./Repair Shops

Other:

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 None

Sewersheds:

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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.

- Inspector will continue to update MS4 records
- Departments will continue to record IDDE occurrences and maintenance actions
- Trainings will continue for department staff for IDDE and Pollution Prevention

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

- The Town Engineering department conducted 136 inspections (20%) this last reporting period; outfalls were photographed and conditions documented and locations updated. Outfalls needing attention were reported to the Town Highway Department
- Town Departments continue to observe and report IDDE events (21)
- Approximately (29) department and municipal staff was trained in IDDE

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

	1	8	6
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*(ex.: samples/participants/events)***D. Has your MS4 made progress toward this measurable goal during this reporting period?**
 Yes No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
 Yes No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

- Departments will continue to record IDDE occurrences and maintenance actions
- Trainings will continue for department staff for IDDE and Pollution Prevention
- A Town-Wide training session for all staff will occur before February 2015.

MS4 Annual Report Form

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

2	0	1	3
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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 POUGHKEEPSIE

SPDES ID

N	Y	R	2	0	A	1	9	8
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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?

--	--	--

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	7
--	---	---

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?

	2	0
--	---	---

 *

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

* Comments are generally received during the public hearings, complaints during construction and are verbal rather than written; therefore total is an estimate

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 #

					7
--	--	--	--	--	---

 No Authority
- Stop Work Orders #

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

 No Authority
- Criminal Actions #

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

 No Authority
- Termination of Contracts #

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

 No Authority
- Administrative Fines #

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

 No Authority
- Civil Penalties #

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

 No Authority
- Administrative Orders #

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

 No Authority
- Enforcement Actions or Sanctions #

--	--	--	--	--	--
- Other #

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

 No Authority Orders to Remedy

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 POUGHKEEPSIE

SPDES ID

N	Y	R	2	0	A	1	9	8
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Minimum Control Measure 4. Construction Site Stormwater Runoff Control

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

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

How many MS4s contributed to this report?

--	--	--

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

	1	7
--	---	---

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

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

 %

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

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

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

N/A

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, 2013

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 POUGHKEEPSIE

SPDES ID
N Y R 2 0 A 1 9 8

6. con't.:

Submit additional pages as needed.

MS4/Coalition Office

Department

T O W N P L A N N I N G D E P A R T M E N T

Address

O N E O V E R O C K E R R D

City

P O U G H K E E P S I E

N Y

Zip

1 2 6 0 3 -

Phone

(8 4 5) 4 8 5 - 3 6 5 7

Library

Address

City

Zip

-

Phone

() -

Other

Address

City

Zip

-

Phone

() -

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

URL

URL

MS4 Annual Report Form

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

2	0	1	3
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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 POUGHKEEPSIE

SPDES ID

N	Y	R	2	0	A	1	9	8
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7. Evaluating Progress Toward Measurable Goals MCM 4

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

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

- Continue to train and document the certification of contractors/staff throughout the year.
- Continue to inspect and enforce erosion control measures
- Continue to update MS4 inventory of active construction sites.

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

- (209) contractors were trained in (4) certifications through Dutchess County Soil and Water
- 100% (16) of active construction sites were inspected for compliance by the Town; notices or violations were enforced as needed.
- MS4 inventory of active construction sites were continually updated (17)
- Monthly site conditions certifications by applicant's licensed professional have been obtained.

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

		3	7
--	--	---	---

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?
 Yes No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
 Yes No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

- Continue to train and document the certification of contractors/staff throughout the year.
- Continue to inspect and enforce erosion control measures
- Continue to update MS4 inventory of active construction sites.

MS4 Annual Report Form

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

2	0	1	3
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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 POUGHKEEPSIE

SPDES ID

N	Y	R	2	0	A	1	9	8
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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?

		3
--	--	---

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?

	5	0
--	---	---

 %

MS4 Annual Report Form

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

2	0	1	3
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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 POUGHKEEPSIE

SPDES ID

N	Y	R	2	0	A	1	9	8
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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.

-Continue to update database of public and private practices as new as new facilities are implemented
 -Continue to inventory construction inspections
 -Private post-construction practices are monitored for the five year threshold before an engineering inspection is warranted.

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

-(12) All private stormwater practices that discharge in the Town's MS4 have had documented maintenance activities or an engineered inspection.
 - (17) Inspections of currently active project construction are continuing and inventoried
 -(3) projects entered the post-maintenance period with a signed NOT from the Supervisor

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

		3	2
--	--	---	---

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?
 Yes No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
 Yes No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

-Continue to update database of public and private practices as new as new facilities are implemented
 -Continue to inventory construction inspections
 -Private post-construction practices are monitored for the five year threshold before an engineering inspection is warranted.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 1 3

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 POUGHKEEPSIE

SPDES ID
N Y R 2 0 A 1 9 8

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. 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 checked="" type="radio"/> Yes	<input type="radio"/> No	<input checked="" 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 checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Winter Road Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Salt Storage.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Solid Waste Management.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
New Municipal Construction and Land Disturbance..	<input type="radio"/>	<input checked="" type="radio"/> N/A	<input type="radio"/>	<input checked="" type="radio"/> N/A
Right of Way Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Marine Operations.....	<input type="radio"/>	<input checked="" type="radio"/> N/A	<input type="radio"/>	<input checked="" type="radio"/> N/A
Hydrologic Habitat Modification.....	<input type="radio"/>	<input checked="" type="radio"/> N/A	<input type="radio"/>	<input checked="" type="radio"/> N/A
Parks and Open Space.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Municipal Building.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Stormwater System Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Vehicle and Fleet Maintenance.....	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Other.....	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

MS4 Annual Report Form

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

2	0	1	3
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

N	Y	R	2	0	A	1	9	8
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2. Provide the following information about municipal operations good housekeeping programs:

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

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

		1	4	8
--	--	---	---	---
- Catch Basins Inspected and Cleaned Where Necessary #

		6	5	0
--	--	---	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #

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

		5	1	1
--	--	---	---	---
- Nitrogen Applied In Chemical Fertilizer # Lbs.

	1	7	0	1
--	---	---	---	---
- Pesticide/Herbicide Applied # Acres

					.	
--	--	--	--	--	---	--

(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?

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

4. What was the date of the last training?

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

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

	2	2
--	---	---

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

	9	1	%
--	---	---	---

MS4 Annual Report Form

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

2	0	1	3
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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 POUGHKEEPSIE

SPDES ID

N	Y	R	2	0	A	1	9	8
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7. Evaluating Progress Toward Measurable Goals MCM 6

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

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

- Continue facility audits for good housekeeping
- Continue to encourage departments to maintain a log of catch basin inspections, cleaning, road sweeping, repairs, etc.
- Obtain additional training for Municipal Pollution Prevention and Good Housekeeping as opportunity and budget permit

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

- (9) Department staff received training on Pollution Prevention/Good Housekeeping
- (5) Departments are maintaining log of MS4 stormwater repairs and maintenance
- (5) Departments are undertaking separate training classed

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

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

*(ex.: samples/participants/events)***D. Has your MS4 made progress toward this measurable goal during this reporting period?**
 Yes No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
 Yes No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

- Departments should be made aware of pollution prevention and measures and applicability to their facility.
- A Department self-assessment should be made every three years.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2 0 1 3

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 POUGHKEEPSIE

SPDES ID
N Y R 2 0 A 1 9 8

Additional Watershed Improvement Strategy Best Management Practices

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

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

How many MS4s contributed to this report?

MS4s must answer the questions or check NA as indicated in the table below.

MS4 Description	Answer	Check NA	(POC)
NYC EOH Watershed			
Traditional Land Use	1,2,3,4,5,6,7a-d,8a,8b,9	10,11,12	Phosphorus
Traditional Non-Land Use	1,2,3,4,7a-d,8a,8b,9	5,10,11,12	Phosphorus
Non-Traditional	1,2,77a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus
Onondaga Lake Watershed			
Traditional Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Non-Traditional	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Greenwood Lake Watershed			
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Oyster Bay			
Traditional Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Non-Traditional	1,4,7a-d,9	2,3,4,5,8a,8b,10,11,12	Pathogens
Peconic Estuary			
Traditional Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Traditional Non-Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Non-Traditional	1,4,7a-d,8a,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen
Oscawana Lake Watershed			
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
LI 27 Embayments			
Traditional Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Non-Traditional	1,2,3,4,7a-d,9	5,6,8a,8b,10,11,12	Pathogens

1. Does your MS4/Coalition have an education program addressing impacts of phosphorus/nitrogen/pathogens on waterbodies? Yes No N/A

2. Has 100% of the MS4/Coalition conveyance system been mapped in GIS? Yes No N/A

If N/A, go to question 3.

If No, estimate what percentage of the conveyance system has been mapped so far. N/A %

Estimate what percentage was mapped in this reporting period. N/A %

MS4 Annual Report Form

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

2	0	1	3
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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 POUGHKEEPSIE

SPDES ID

N	Y	R	2	0	A	1	9	8
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3. Does your MS4/Coalition have a Stormwater Conveyance System (infrastructure) Inspection and Maintenance Plan Program? Yes No N/A

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

N/A

 %

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

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

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

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

N/A

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

N/A

 %

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

N/A

 %
 No Projects Planned

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

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

MS4 Annual Report Form

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

2	0	1	3
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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

TOEN OF POUGHKEEPSIE

SPDES ID

N	Y	R	2	0	A	1	9	8
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9. Has your MS4/Coalition developed and implemented a program of native planting?
 Yes No N/A
10. Has your MS4/Coalition enacted a local law prohibiting pet waste on municipal properties and prohibiting goose feeding?
 Yes No N/A
11. Does your MS4/Coalition have a pet waste bag program?
 Yes No N/A
12. Does your MS4/Coalition have a program to manage goose populations?
 Yes No N/A

ENGINEERING DEPARTMENT
Town of Poughkeepsie

PETER D. SETARO, P. E.
Town Engineer

ONE OVERROCKER ROAD
POUGHKEEPSIE, NY 12603

DONALD A. BEER
Associate Town Engineer

TEL # (845) 790-4736

SEAN CRIMMINS
Assistant Town Engineer

TEL # (845) 790-4767

MEMORANDUM

DATE: 5/31/13

To: Todd Tancredi, Town Supervisor
From: Sean Crimmins, Assistant Town Engineer
Subject: Response to public comments on the 2012-2013 MS4 Draft Annual Report;
Town of Poughkeepsie SPDES permit #NYR20A198

=====
A draft Annual Report on the Town of Poughkeepsie's compliance with the MS4 storm water management program was made available for public comment between the dates of May 8th to May 17th, 2012 as per a Town Board decision on April 17th, 2012. The report was made available to the public on the Town's website on May 3th, 2012.

A set of written comments were received on May 17th, 2012 from Doreen Tignanelli. Each comment is reprinted below in its entirety and is followed by a response from the Town Engineering Department:

1) COMMENT: The town's response to my May 17, 2012 Comment #1 regarding Stratford Farms development and resulting flooding of nearby property was that "under the General Permit in effect at the time of project approval there was no provision specifically restricting the clearing of land to no more than 5 acres of land at any one time". As I questioned the accuracy of that response, I contacted Mr. Patrick Ferracane of the NYSDEC. In an email dated May 31, 2012, Mr. Ferracane stated "Stratford Farm filed for coverage under GP- 02-01 in 2004 and that permit did have the five acre disturbance restriction". Therefore, the town's response was inaccurate. Instead of trying to excuse such situations, the goal should be to improve inspection and monitoring of construction sites in order to protect town residents and resources.

RESPONSE: The Town has acknowledged the fact that Stratford Farms acted beyond the privileges granted to them through their original General Construction Permit in 2004. In recent years, the Town Engineering Department and the town's engineering consultants have actively reviewed proposed SWPPP's and active construction sites for compliance with the 5-acre limit and continue to do so.

2) COMMENT: *Minimum Control Measure 1, Public Education and Outreach, #3, Web Page, states that specific web addresses must be provided. However, an error message stating "404 (Page Not Found)" occurs for the provided web address http://townofpoughkeepsie.com/planning/stormwater/stormwater_informatiom.htm*

RESPONSE: As noted. The website displaying information pertaining to stormwater related issues has been revised to:

http://townofpoughkeepsie.com/planning/stormwater/stormwater_information.html

3) COMMENT: *Minimum Control Measure 1, Public Education and Outreach, #3, Web Page, states that specific web addresses must be provided. However, a website in a foreign language with a photo having no apparent connection to Dutchess watersheds is displayed for the provided web address <http://www.dutchesswam.com/>*

RESPONSE: As noted. This website address apparently is no longer valid. The website displaying information pertaining to the watershed awareness month has been revised to:

<http://www.dutchesswatersheds.org/community-forum/4-events-a-activities/142-watershed-awareness-month>

4) COMMENT: *Minimum Control Measure 1, Public Education and Outreach, Evaluating Progress Toward Measurable Goals MCM 1, #4A, One of the Measurable Goals identified for the reporting period ending March 9, 2013 is "Ensure that the 2011-2012 SWMPP is available for public review on the Town's website". That goal was not reached as the SWMPP available for public review on the Town's website is still dated April 2010. While #4A identifies a total of four Measurable Goals, #4B measured overall effectiveness of only two goals and "Ensure that the 2011-2012 SWMPP is available for public review on the Town's website" was not one of them. As I noted last year, while the updated SWMPP is available for inspection, in person, by appointment, at Town Hall, having the updated SWMPP available online would allow town residents who cannot get to Town Hall during weekday.*

RESPONSE: The SWMPP last revised July 2011 is available for public review on the Town's website at

<http://townofpoughkeepsie.com/planning/stormwater/2012/SWMPP%20draft%20July%202011.pdf>.

Item #4B is revised accordingly.

In 2011 and 2012, the Dutchess County MS4 committee developed a SWMPP template in order for all municipalities to have a uniform procedural document that could be easily read through and utilized for quick referencing. The template was provided to the Town on 10/18/2012. The revisions are very labor intensive, and staff are in the process of updating the Town of Poughkeepsie's SWMPP to reflect these changes. This document is

planned to be complete within the 2013-2014 reporting period; once finished, it will be posted on the Town's website to be available for public viewing.

5) COMMENT: *Minimum Control Measure 1, Public Education and Outreach, Evaluating Progress Toward Measurable Goals MCM 1, #4F, summary of stormwater activities planned to meet the goals of this MCM during the next reporting cycle states that an "implementation schedule" must be included. However, no specific schedule was included for the two activities planned to meet the goals of this MCM during the next reporting cycle. These activities include "Continue to update and revise the SWMPP" and "revise the SWMP" per template provided by the Dutchess County MS4 committee in October of 2012. The required implementation schedule must be provided.*

RESPONSE: MCM 1 #4F is revised to project implementation within the 2013-14 reporting period. See also response to Comment #4.

6) COMMENT: *Minimum Control Measure 2, Public Involvement/Participation, opportunities for public participation, quantifies events, comments, meetings, etc. during the reporting period. #1, "# Comments" was answered as "1". The town received public comment from Sean Eagleton on May 18, 2012 and from Doreen Tignanelli on May 17, 2012, both of which were within the reporting period of March 10, 2012 to March 9, 2013.*

RESPONSE: As noted. There should be two sets of comments pertaining to the 2012-2013 reporting period. This number is reflected in the Final Annual Report.

7) COMMENT: *Minimum Control Measure 2, Public Involvement/Participation, opportunities for public participation, quantifies events, comments, meetings, etc. during the reporting period. #1, "Plantings" was answered as "32700" sq ft. It is unlikely that the entire planting of 32,700 square feet took place in the Town. The actual amount of town plantings, whether undertaken in partnership with Dutchess WAM or another entity, should be stated. As it was somehow calculated that 32,700 square feet were planted then a breakdown of plantings should exist.*

RESPONSE: The 32,700 square footage of plantings that was recorded within the draft report was based on reporting solely by local partners during the reporting year. The conservation acres per DC Soil and Water Phase II Stormwater Assistance of year 10 report for Poughkeepsie was not reflected within this the Draft Annual report. That square footage was 89,080 SF, therefore the total reported within the Final Annual Report is 121,780 SF.

8) COMMENT: *Minimum Control Measure 2, Public Involvement/Participation, regarding public notice of availability of annual report, it is stated in #2 that report availability was publicized via "List-Serve" numbering "156". While I received list-serve notices regarding education during the reporting period, I did not receive notification of the availability of the draft Annual Report through the list-serve run by the Town's Stormwater Public Contact.*

RESPONSE: As noted. Availability of the Draft Annual Report and Public Hearing was publicized on the Town website and Town Board Agenda and not by the list-serve.

9) COMMENT: *Minimum Control Measure 2, Public Involvement/Participation, #2, URL, states that specific web addresses where notices can be accessed must be provided. However, an error message stating "404 (Page Not Found)" occurs for the provided web address http://townofpoughkeepsie.com/planning/stormwater/stormwater_information.htm*

RESPONSE: As noted. The Website address for public access to Annual Report notices are revised as:

http://townofpoughkeepsie.com/planning/stormwater/stormwater_information.html

<http://www.townofpoughkeepsie.com/clerk/2013/TownBoard20130501.pdf>

<http://www.townofpoughkeepsie.com/clerk/2013/COW20130508.pdf>

<http://www.townofpoughkeepsie.com/latestnews.html>

http://www.townofpoughkeepsie.com/planning/stormwater/stormwater_information.html

<http://www.townofpoughkeepsie.com/planning/stormwater/2012/2012-2013%203rd%20DRAFT%20Annual%20Report%20to%20TB.pdf>

10) COMMENT: *Minimum Control Measure 2, Public Involvement/Participation, #5.a. is to be answered if submitting a report for a single MS4. If submitting a joint report then #5.b. is to be answered. However, both #5.a and #5.b are answered "Yes".*

RESPONSE: As noted. The response is left as N/A for #5.b.

11) COMMENT: *Minimum Control Measure 3, Illicit Discharge Detection and Elimination, #1, states that "625" outfalls were mapped, "100%" of outfalls. This number conflicts with the number presented at the May 8, 2013 Town Board Special Meeting where the draft Annual Stormwater Report was presented. The number of outfalls in the Town of Poughkeepsie was stated as "620".*

RESPONSE: The number of outfalls are revised accordingly during the course of the MS4 inspections for the reporting period. Depending on the conditions witnessed in the field, outfalls are either combined, eliminated or added to the overall total for more effective documentation and inventory purposes. In this case, five additional outfalls were added to the master outfall inspection plan.

12) COMMENT: *Minimum Control Measure 3, Illicit Discharge Detection and Elimination, #11, states 64% of staff in relevant positions received IDDE training, barely increasing from the 63% stated in the prior 2011-2012 Stormwater Annual Report. This calls into question the effectiveness of the prior years goal and present goal that "Trainings will continue for department staff for IDDE and Pollution Prevention". It was noted in 2010 that Sewer and Zoning personnel, in addition to Engineering, are integral*

to the town's IDDE and Pollution Prevention program. A more aggressive training program should be conducted.

RESPONSE: This percentage is a reflection of the number of staff that has received stormwater training. It is the intent of the Town, as most municipalities within the County, to have staff in relevant positions attend stormwater training which is valid for a three year period. The measurable goal states that "Trainings will continue for department staff for IDDE and Pollution Prevention". As the last Town-wide training session occurred during the previous reporting year, the percentage of staff trained is unchanged and is being reported as 63%.

13) COMMENT: *Minimum Control Measure 3, Illicit Discharge Detection and Elimination, #12F, summary of activities to meet goals during the next reporting cycle, states that an "implementation schedule" must be included. However, no schedule was included, only the nebulous statement that "Trainings will continue for department staff for IDDE and Pollution Prevention". The required implementation schedule must be provided in #12F.*

RESPONSE: As noted. Trainings are conducted internally on an annual basis within relevant Town Departments and IDDE and Pollution Prevention trainings are provided by DC Soil and Water for all staff of the Town of Poughkeepsie within three year increments. The last Town wide training of this nature was conducted on 2/09/2012 and the next one will be scheduled for February of 2015. This schedule will be reflected in box #12F.

14) COMMENT: *Minimum Control Measures 4 and 5, Construction Site and Post-Construction Control, #6, identification of enforcement actions against construction sites during the reporting period notes number of Stop Work Orders, Notices and Orders to Remedy issued during the reporting period. The town should be more diligent in ensuring timely compliance with stormwater laws that - according to town code - were enacted to "provide for the health, safety, and general welfare of the citizens of the Town of Poughkeepsie". Numerous examples of repeated inaction on the part of the Town were documented in inspection reports of construction sites prepared by Morris Associates including, but not limited to, the three projects outlined below:*

a) The Park at Inwood Lake had marginal compliance noted by Morris Associates in October 2011. Due to continued concerns, a January 9, 2012 inspection report from Morris Associates discussed the need for a Stop Work Order for the site. The need for a Stop Work Order was still being discussed months later in a May 2012 inspection report.
*b) The Hudson Valley Market was continually noted as having outstanding issues in reports from Morris Associates from May of 2012 through September of 2012. In spite of Morris Associates repeated recommendations that "**the Town follow up**", no action was taken, as can be seen below in excerpts from Morris Associates inspection reports. Six months worth of reports noted lack of stormwater plantings. The fact that the applicant was operating under a temporary C.O. should not have been a factor in lack of enforcement. **Bolded and underlined portions below were as accentuated in actual reports:***

● *May 14, 2012: "Storm water garden plantings not complete. Applicant and/or engineer of record has been asked to notify this office with a planting date(s)".*

- June 11, 2012: "Storm water garden plantings not complete. Applicant and/or engineer of record has been asked to notify this office with a planting date(s)". "Once final stabilization and plantings are considered acceptable, a request for an NOT may be made".
- July 12, 2012: "Storm water garden plantings are not complete. Applicant and/or Engineer of Record have been asked to notify this office with a planting date(s). No communication has been received". "No preliminary as-built survey has been submitted to date. In terms of the grease trap installation, the lack of an as-built, the need for final planting and stabilization, **it is recommended that the Town follow up in this regard**".
- August 13, 2012: "Storm water garden plantings are not complete. Applicant and/or Engineer of Record have been asked to notify this office with a planting date(s). No communication has been received". "In terms of the grease trap installation, the lack of an as-built and the need for final planting, **it is recommended that the Town follow up in this regard**".
- September 13, 2012: "In terms of the grease trap installation, the lack of an as-built, the need for final planting and DEC NOT documentation, **it is recommended that the Town follow up in this regard**".
- October 11, 2012: "In terms of the grease trap installation, the lack of an as-built and the need for final planting and DEC NOT documentation, **it is recommended that the Town follow up in this regard**".

c) The Tuscany Square project was continually noted as having outstanding issues in inspection reports from Morris Associates. It was not until residents made public comment about erosion at the site to the Town Board at their June 6, 2012 Board meeting that action was taken.

RESPONSE: Construction site inspections by owners' qualified personnel (usually weekly depending on the pace and phasing of construction activities) and by the Town's qualified inspectors (Morris Associates and other review consultants, usually monthly) on numerous projects are on file and are quantified in the 2012-13 Annual Report.

The comment relating to the selected reports is noted. During the 2012-13 reporting year, the Building Department and engineering staff met on a bi-weekly basis to discuss the status of pending construction projects within the town. The meetings included a review of inspection reports to determine if violations exist, coordination with Morris Associates staff and on-site meetings with developer representatives and enforcement personnel for action as required.

In regards to the Inwood Lake project, the site was monitored on a monthly basis to ensure that compliance items were underway. C.O. certificates were only granted to the owners when particular issues were resolved.

Morris Associates worked with town staff and the owners of the Hudson Valley Market as the developers revised the site use. After the initial construction was underway, the proposed restaurant was changed to a different use which eliminated the need for the grease trap. Although it is noted that final stabilization and plantings were an issue, the Town determined that these items were not of a critical nature and the timing for implementation was variable. The plants have since been installed.

The Tuscany Square project received a "marginal" status on the monthly stormwater compliance reports that were conducted by Morris Associates. Erosion was limited to specific locations on the site, the issues were acknowledged by the contractor and mitigation measures were implemented.

15) COMMENT: *Minimum Control Measure 5, Post-Construction Stormwater Management, #3, notes implementation of Low Impact Development/Better Site Design/Green Infrastructure principles. However, those techniques are only effective if properly implemented. For example, rain gardens used to provide on-site treatment of stormwater runoff have been included in a number of Planning Board project reviews. Planting is a critical function of these bio-retention areas. Yet, as noted in the example above in comment 14b, effectiveness of some - if not all - rain gardens approved by the Planning Board is questionable due to lack of proper implementation and/or maintenance. The purpose of inspections is to ensure compliance with MS4 regulations. Yet, the Town ignored six months worth of their consultant's strongly worded recommendations in regard to stormwater plantings. That example calls into question the effectiveness of the Town's MS4 regulation.*

RESPONSE: Firstly, the Town regulations require a NYS licensed professional to certify as-built completion of improvements including stormwater practices in accordance with the approved plans. Secondly, SPDES Stormwater permit regulations require a NYS licensed professional to sign a notice of termination certifying compliance with the approved SWPPP for a project. Thirdly, it is the Town's practice for the Town's consulting engineer to review completed stormwater practices prior to issuance of a project Certificate of Occupancy. Fourthly, the town obtains Stormwater Maintenance Agreements for private stormwater practices that discharge or could potentially discharge stormwater into the Town's MS4. The agreement consists of an inspection report of the stormwater practice by a third party professional engineer every five years and for maintenance records/service invoices to be furnished to the town on an annual basis. Stormwater practices are inclusive of rain gardens and other measures.

16) COMMENT: *Minimum Control Measure 6, Stormwater Management for Municipal Operations, #5, states number of municipal employees trained in this reporting period as "22".*

This is down significantly from prior year when this question was answered as "55" with a goal to continue to obtain additional training in the next reporting cycle. The required implementation schedule was not included in the prior year's goal.

As the training received was only 45% for this period and no implementation schedule was provided, it is questionable how #7D can be answered "Yes" that progress was made towards this measurable goal in the reporting period.

RESPONSE: See response for Comment #17

17) COMMENT: *Minimum Control Measure 6, Stormwater Management for Municipal Operations, #6, states the "percent of municipal employees in relevant positions and departments receive stormwater management training" as "45%". This is*

down significantly from prior year when this question was answered as "91%" with a goal to continue to obtain additional training in the next reporting cycle. The required implementation schedule was not included in the prior year's goal. As the training received was only 45% for this period and no implementation schedule was provided, again it is questionable how #7D can be answered "Yes" that progress was made towards this measurable goal in the reporting period.

RESPONSE: . Town wide trainings are conducted every three years to ensure that as many staff as possible in relevant positions are trained in Municipal Pollution Prevention. Individual departments also conduct training during the interim. 22 municipal employees were trained in this reporting period by individual departments with the date of the last training on October 2, 2012. The percentage of employees currently trained within the three year retraining period currently is 91%. The 45% was the percentage of staff trained during the last reporting period; this number has been changed on MCM 6 question #6 on the Final Report. By conducting Town wide training sessions every three years and interim trainings by individual departments, the Town believes that progress is being made toward the measurable goal.

18) COMMENT: *Minimum Control Measure 6, Stormwater Management for Municipal Operations, #7F, summary of stormwater activities planned to meet goals during the next reporting cycle states that an "implementation schedule" must be included. However, no specific schedule was included for the two activities planned to meet the goals of this MCM during the next reporting cycle. The required implementation schedule must be provided.*

RESPONSE: On-site department facility inspections are to be conducted during the next reporting period. The next town-wide staff stormwater management training is scheduled to be held in February of 2015. These items are added to the goal section of MCM 6.