

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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**ENGINEERING DEPARTMENT
STORMWATER MANAGEMENT OFFICE**

1295 Pulaski Street
Riverhead, New York 11901
(631)727-3200, Ext. 604
Fax: (631)369-7739

Kenneth Testa, P. E.
Town Engineer
Drew Dillingham, P.E.
Assistant Town Engineer

email: testa@riverheadli.com

email: dillingham@riverheadli.com

I, Sean M. Walter, Supervisor for the Town of Riverhead, authorize Drew Dillingham, P.E., Assistant Town Engineer and Stormwater Management Officer for the Town of Riverhead, to represent me in signing all reports required by the NYSDEC SPDES General Permit and any other MS4 information requested by the NYSDEC, including MCC forms.

Sean M. Walter
Supervisor, Town of Riverhead

Drew E. Dillingham, P.E.
Assistant Town Engineer
Stormwater Management Officer

MS4 Municipal Compliance Certification(MCC) Form

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

Name of MS4

SPDES ID

Section 4 - Certification Statement

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

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

First Name

MI

Last Name

Title (Clearly print title of individual signing report)

Signature



Date

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

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

MS4 Annual Report Form

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

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

Name of MS4/Coalition

Town of Riverhead

SPDES ID

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

- Construction Site Operators Trained # Trained

				3
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- Direct Mailings # Mailings

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- Kiosks or Other Displays # Locations

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- List-Serves # In List

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- Mailing List # In List

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- Newspaper Ads or Articles # Days Run

				7
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- Public Events/Presentations # Attendees

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- School Program # Attendees

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- TV Spot/Program # Days Run

		3	6	5
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- Printed Materials: Total # Distributed

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Locations (e.g. libraries, town offices, kiosks)

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Other:

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

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MS4 Annual Report Form

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Name of MS4/Coalition

Town of Riverhead

SPDES ID

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

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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 Riverhead

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.

Track the number of brochures distr at facilities; conduct public surveys and annually track the scores as an indicator of educational success. Restart providing informational brochures to new residents of the Town. Track the number of public presentations. Focus on Polish Town, Calverton, the Town Board and Jamesport. Track number of events and attendance. Re-assess in 2014 to determine if time line is appropriate. Petition RCSD to incorporate sw education into

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

Distr 200 total brochures at 6 facilities. Held one presentation for Town Board. Monitored sw website tracker to determine number of hits for six stormwater pamphlets. SCDOT installed signage on I-495 educating the public on the Peconic River Watershed. SWMPP summary report analysis conducted and template material collated across all members of the PEPC. Monthly PEPC meetings PEPC hosted Nov 2015 press event to announce its creation. Also atndd 6 other pblc outrech events.

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 distribute brochures to six facilities. Co-host a public info event with PEPC members. PEPC continue to attend Citizens Advisory Committee mtgs, HOA mtgs, East End Supervisors and Mayors mtgs, monthly PEPC mtgs, and other public committee mtgs. Develop PEPC website. Continue to communicate with regional congressmen, assemblymen and legislators on funding MS4 related projects. Annnc PEPC mlstns with press cvrg. Exp mmbrrshp. Collab w/other pblc cmmnts.

MS4 Annual Report Form

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Town of Riverhead

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.

elementary school curricula. Track success by continuing correspondence with RCSD staff. Begin tracking Town website on educational information accessed pertaining to the sw program in relation to the web site pamphlets via counters.

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

Post stormwater brochures on public channel 22.

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 post stormwater brochures on public channel 22.

MS4 Annual Report Form

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Name of MS4/Coalition

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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
E n g i n e e r i n g

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Library Annual Report SWMP Plan Comments

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Other Annual Report SWMP Plan Comments

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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?

Yes No

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

Yes No

If No, is one planned for each?

Yes No

6. Were comments received during this reporting period?

Yes No

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

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Town of Riverhead

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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.

Implement storm drain stenciling. Hand out stormwater brochures at STOP day. Distribute native plant seeds in collaboration with Cornell Cooperative Extension. Educate public on Solid Waste Management in regard to recycling. Begin recycling program for plastic bottles and cans within Town parks. Stage a high school stormwater poster contest.

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

Attend PEPC monthly meetings incl communications with NYSDEC and discussions of regulatory updates. Also attend 6 other public outreach events. Held one presentation for Town Board. SWMPP summary report analysis conducted and template material collated across all members of the PEPC. Held STOP day and distributed stormwater brochures.

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).

Give MS4 presentation to Cornell Coop Ext in July. Presentation to RCSD in summer 2016. PEPC to continue to attend monthly mtgs, CAC mtgs, HOA mtgs, East End Supervisors and Mayors mtgs, and other public committee mtgs. Co-host a public info event with PEPC members. Expand membership March-Dec 2016 to incl East End Villages outside the Peconic Estuary. Collaborate w/other LI protection committees. Install rain garden at Peconic River Front.

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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.

Track the number of outfalls monitored on an annual basis. Track the number of complaints through Code Enforcement and the IDDE Hotline. Map the locations of reported spills, overflows, illicit discharges, and other water quality issues.

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

Share experiences and lessons learned with other PEPC members regarding local water quality. Communications with NYSDEC to identify near-term priorities for MCM activities and retrofit projects. Follow regulatory updates on water quality requirements. Received grant from Suffolk County for a QAPP to monitor water quality. This QAPP will assist in collecting local WQ data. Communicate with regional congressmen, assemblymen and legislators on funding for WQ studies,

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

		1	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 share experiences and lessons learned with other PEPC members regarding local water quality. Continue to communications with NYSDEC to identify near-term priorities for MCM activities and retrofit projects. Follow regulatory updates on water quality requirements. Continue to communicate with regional congressmen, assemblymen and legislators on funding for WQ improvement. Pursue grants through PEPC from WQIP or Five Star&Urban Water Restoration

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 Riverhead

SPDES ID

N	Y	R	2	0	A	0	2	0
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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.

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

expanding state shellfish labs' capacities to test pathogens, testing bathing beach WQ, and WQ restoration projects. Developed GIS Land Use Database for Nitrogen Modeling. Identified two new outfalls.

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).

Grant Program. Collaborate with other LI protection committees (Hempstead Harbor and Oyster Bay/Cold Spring Harbor) to keep current of LI WQ initiatives and legislation. Select contractor for WQ QAPP and complete QAPP in 2016. Continue to develop GIS Land Use Database for Nitrogen Modeling in Jan -June and create a nitrgn mdl for the PEPC drng Jul-Sept. Idntfy and map any nwly found outfills. Lbl dts of any rcrdd CB/LP clnt incl Pec Riv Frt. Lbl rn grdn instll date whn cmplt.

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 Riverhead

SPDES ID

N	Y	R	2	0	A	0	2	0
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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?

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- 1a. Has each MS4 contributing to this report adopted a law, ordinance or other regulatory mechanism that provides equivalent protection to the NYS SPDES General Permit for Stormwater Discharges from Construction Activities?** Yes No
- 1b. Has each Town, City and/or Village contributing to this report documented that the law is equivalent to a NYSDEC Sample Local Law for Stormwater Management and Erosion and Sediment Control through either an attorney certification or using the NYSDEC Gap Analysis Workbook?** Yes No NT

If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law.

09/2004 03/2006 NT

- 2. Does your MS4/Coalition have a SWPPP review procedure in place?** Yes No
- 3. How many Construction Stormwater Pollution Prevention Plans (SWPPPs) have been reviewed in this reporting period?**

		5
--	--	---
- 4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs?** Yes No NT

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

		0
--	--	---

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

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

- Notices of Violation #

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

 No Authority
- Stop Work Orders #

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

 No Authority
- Criminal Actions #

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

 No Authority
- Termination of Contracts #

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

 No Authority
- Administrative Fines #

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

 No Authority
- Civil Penalties #

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

 No Authority
- Administrative Orders #

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

 No Authority
- Enforcement Actions or Sanctions #

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

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

 No Authority

MS4 Annual Report Form

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

2	0	1	6
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Riverhead

SPDES ID

N	Y	R	2	0	A	0	2	0
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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?

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

		5
--	--	---

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

		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	1
--	---	---

 %

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

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

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

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

MS4 Annual Report Form

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

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

Name of MS4/Coalition

SPDES ID

6. con't.:

Submit additional pages as needed.

● MS4/Coalition Office

Department

Address

City

Zip

Phone

() -

○ 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,

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Name of MS4/Coalition

Town of Riverhead

SPDES ID

N	Y	R	2	0	A	0	2	0
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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.

Track the # of SWPPPs revd and compared the number of resubmittals to previous years. Track the # of annual inspections and determine the % of sites in compliance. Track the # of contractors with ESC training and the % of field personnel with training per company.

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

Tracked the # of SWPPPs revd in 2015-2016 and compared the number of resubmittals to those received in 2014-2015. The number of resubmittals has not declined which can be attributed to the appearance of new consulting firms submitting the SWPPPs. Tracked the # of annual inspections and determine the % of sites in compliance. Seven inspections were conducted with 86 percent being in compliance.

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

			1
--	--	--	---

(ex.: samples/participants/events)

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

Yes No

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

Yes No

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

Continue to track the # of SWPPPs revd and compare the number of resubmittals to previous years. Track the # of annual inspections and determine the % of sites in compliance. Track the # of contractors with ESC training and the % of field personnel with training per company.

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 Riverhead

SPDES ID

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

Yes No

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

Yes No

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

Yes No

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

		0
--	--	---

5. What percent of municipal officials/MS4 staff responsible for program implementation attended training on Low Impace Development (LID), Better Site Design (BSD) and other Green Infrastructure principles in this reporting period?

	1	7	%
--	---	---	---

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 Riverhead

SPDES ID

N	Y	R	2	0	A	0	2	0
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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.

Begin meeting w HOAs regarding BMPs for sw abatement. Track number of meetings and attendance annually. Continue to progress through priority drainage issues and clean at least two recharge basins annually. Add sediment forebays when appropriate and feasible. Track whether flooding is reduced in these areas. Add swales along farms which historically have flooding issues. Track areas for reduction of flooding once swales are installed. Improve flood protection measures

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

Cleaned 10 recharge basins and 38 catch basins and leaching pools. Identified two historically serious flooding areas and planned for cleaning out drainage structures during next reporting period. One site has 12 cb's and 8 LPs and another site has one leaching pool. Share solutions to flooding problems at monthly PEPC meetings.

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

			4
--	--	--	---

(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).

Begin meeting with HOAs regarding BMPs for sw abatement. Track number of meetings and attendance annually. Continue to progress through priority drainage issues and clean at least two recharge basins annually. Add sediment forebays when appropriate and feasible. Track whether flooding is reduced in these areas. Add swales along farms which historically have flooding issues. Track areas for reduction of flooding once swales are installed. Improve flood protection measures

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 Riverhead

SPDES ID

N	Y	R	2	0	A	0	2	0
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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.

where coastal and/or low lying neighborhoods border creeks or wetlands. Implement annual cleaning events to remove debris and identify eroded areas restore. Track effectiveness in flood reduction.

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

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 No

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

where coastal and/or low lying neighborhoods border creeks or wetlands. Implement annual cleaning events to remove debris and identify eroded areas and restore. Track effectiveness in flood reduction. Clean out western drainage system on the Peconic River Front consisting of 8 LPs and 12 CBs.. The CBs and interconnecting piping are all full of sdmnt and the LPs are full of sdmnt and wtr. Clean out eastrn drng system cnsstng of 23 CBs and 13 LPs which are in same cndtn as wstrn syst.

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 Riverhead

SPDES ID

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

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

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

How many MS4s contributed to this report?

--	--	--

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

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

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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 Riverhead

SPDES ID

N	Y	R	2	0	A	0	2	0
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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

			3	0
--	--	--	---	---
- Streets Swept (Number of miles X Number of times swept) # Miles

		2	7	6
--	--	---	---	---
- Catch Basins Inspected and Cleaned Where Necessary #

			1	9
--	--	--	---	---
- Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #

			2	9
--	--	--	---	---
- Phosphorus Applied In Chemical Fertilizer # Lbs.

		3	8	4
--	--	---	---	---
- Nitrogen Applied In Chemical Fertilizer # Lbs.

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

		2	6	.	
--	--	---	---	---	--

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

				3
--	--	--	--	---

4. What was the date of the last training?

0	3	/	0	3	/	2	0	1	6
---	---	---	---	---	---	---	---	---	---

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

		2
--	--	---

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

	1	7	%
--	---	---	---

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 Riverhead

SPDES ID

N	Y	R	2	0	A	0	2	0
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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.

Create database of Town Facilities that are un-manned. Create a method of informing new employees of stomwater issues prior to commencing work. Enhance the annual training to be more department specific. Establish policies and procedures for operations including graffiti removal and simple in-house construction activities. Track miles of road and acres of parking lots swept. Track quantity of pounds cleaned from cb's&LPs.

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

Tracked miles of roads and parking lots swept and pounds of sediment removed from cb's and LPs. Compared number of flood events in spring with increase in sweeping. Tracked maintenance of vehicles. Tracked volume of debris and sediment cleaned from recharge basins.

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

			5
--	--	--	---

*(ex.: samples/participants/events)***D. Has your MS4 made progress toward this measurable goal during this reporting period?**

Yes No

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

Yes No

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

PEPC to host joint training sessions for municipal staff. PEPC to explore creating a joint vehicle wash facility. Continue to track miles of road and acres of parking lots swept and pounds cleaned from cb's&LPs. Track volume of debris and sediment cleaned from recharge basins. Create database of Town Facilities that are un-manned. Create a method of informing new employees of stomwater issues prior to commencing work. Establish policies and procedures for operations

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 Riverhead

SPDES ID

N	Y	R	2	0	A	0	2	0
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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.

--

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

--

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 No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

including graffiti removal and simple in-house construction activities.

MS4 Annual Report Form

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

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

Name of MS4/Coalition Town of Riverhead

SPDES ID
N Y R 2 0 A 0 2 0

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. %

Estimate what percentage was mapped in this reporting period. %

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 Riverhead

SPDES ID

N	Y	R	2	0	A	0	2	0
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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?

		0
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 %

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

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

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

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

		1
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7c. What percent of the projects included in 7b have been completed in this reporting period?

		0
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 %

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

1	0	0
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 %

No Projects Planned

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

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

MS4 Annual Report Form

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

2	0	1	6
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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

Town of Riverhead

SPDES ID

N	Y	R	2	0	A	0	2	0
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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

**TOWN OF RIVERHEAD
STORMWATER MANAGEMENT OFFICE
MARCH 2015 TO MARCH 2016 ANNUAL REPORT
WATER QUALITY TRENDS**

SCOTT A. RUSSELL
SUPERVISOR

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OFFICE OF THE ENGINEER
TOWN OF SOUTHOLD

March 4, 2016

Jeff Myers
New York State Department of Environmental Conservation
Bureau of Water Assessment and Management
625 Broadway, 4th Floor
Albany, NY 12233-3502

RE: Comments on the Draft New York State 2016 Section 303(d) List of Impaired/TMDL Waters

Dear Mr. Myers:

The Town of Southold (Southold) has reviewed the Draft New York State 2016 Section 303(d) List of Impaired/TMDL Waters prepared by the New York State Department of Environmental Conservation (NYSDEC) and has the following comments:

Listing of Gull Pond (1701-0231) as Impaired by Pathogens under Part 2c – Multiple Segment/Categorical Impaired Waterbody Segments (shellfishing)

As per the NYSDEC Environmental Resource Mapper Gull Pond is a Class SC waterbody. Page 11 of the New York State Consolidated Assessment and Listing Methodology – Section 305(b) Assessment Methodology, dated March 2015, states “*Support of Shellfishing use is evaluated for Class SA marine waters.*” Based on this information, Gull Pond should not have been evaluated for support of Shellfishing use and therefore should not be included on the 2016 303(d) list. This error should also be corrected on the Waterbody Inventory/Priority Waterbodies List (WI/PWL) which incorrectly identifies Gull Pond as a Class SA waterbody under the Further Details section, though Gull Pond is correctly identified as a Class SC waterbody under the Waterbody Location Information section at the top of the same page.

Listing of Mattituck or Marratooka Pond (1701-0129) as Impaired by Phosphorus under Part 1 – Individual Waterbody Segments with Impairment Requiring TMDL Development

Marratooka Pond was originally listed as impaired by phosphorus on the 2002 303(d) list with the suspected source of the phosphorus listed as Urban/Storm Runoff. The NYSDEC proposes to change the suspected source of the phosphorus to Other (in-lake recycling) in the Draft 2016 303(d) list. Southold agrees with this change as persistent algal blooms observed in the lake have no apparent

correlation with rainfall events; therefore the lake sediment is the most likely source of the phosphorus. However, in-lake recycling of phosphorus from the lake sediment cannot be addressed through a TMDL as the nutrient is already present in the lake and is not being discharged to the lake through an addressable load. Therefore, the Phosphorus Impairment listing for Marratooka Pond should be moved from Part 1 to Part 3c - Waterbodies for which TMDLs Are Deferred (Pending Development/Implementation/Evaluation of Other Restoration Measures).

Listing of Mattituck or Marratooka Pond (1701-0129) as Impaired by Pathogens under Part 3c – Waterbodies for which TMDLs Are Deferred (Pending Development/Implementation/Evaluation of Other Restoration Measures)

The Town provided a Waterbody Inventory and Priority Waterbodies List (PWL) Worksheet for Marratooka Pond to the NYSDEC on September 30, 2013. As stated in Part 16 of the worksheet “Mattituck (Marratooka) Pond is currently included on the 303(d) List as impaired by pathogens despite the fact that there is NO water quality data supporting this assessment. This waterbody is not a bathing beach nor is it a shellfishing area and is therefore not routinely assessed for pathogens. The Priority Waterbodies List states that pathogens are a suspected pollutant of this waterbody and that waterfowl are a suspected source of pollutants, but does not describe the source of these suspicions in the Further Details section. Therefore, the 303(d) listing of Mattituck (Marratooka) Pond as impaired by pathogens appears to have been completed in error. Unless the NYSDEC has data supporting an actual pathogens impairment of this waterbody, it should be delisted for this pollutant.”

In the Draft 2014 303(d) list the NYSDEC moved the Pathogen Impairment listing for Marratooka Pond from Part 1 – Individual Waterbody Segments with Impairment Requiring TMDL Development, to Part 3a – Waterbodies for which TMDL Development May be Deferred (Requiring Verification of Impairment) “due to inadequate justification of the original listing.” This move was correct as the NYSDEC had no pathogen data to support the impaired listing. However, in the Final 2014 303(d) list the NYSDEC inexplicably moved the Pathogen Impairment listing for Marratooka Pond to Part 3c - Waterbodies for which TMDLs Are Deferred (Pending Development/Implementation/Evaluation of Other Restoration Measures). Unless the NYSDEC has acquired actual pathogen data to support the Pathogen Impairment listing for Marratooka Pond this waterbody should be moved back to Part 3a.

Listing of Beach/Island Ponds, Fishers Island (1701-0283) as Impaired by Pathogens under Part 3c – Waterbodies for which TMDLs Are Deferred (Pending Development/Implementation/Evaluation of Other Restoration Measures)

Beach/Island Ponds on Fishers Island are Uncertified for Shellfishing and according to the NYSDEC Bureau of Marine Resources’ Shellfisheries Section have not been sampled by agency personnel in over 17 years. These ponds were first included on the 2002 303(d) List of Impaired/TMDL Waters, which means that the NYSDEC had ceased sampling for pathogens at least 4 years prior to their initial listing.

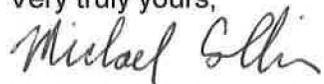
Please note that as per the NYSDEC Consolidated Assessment and Listing Methodology – Section 305(b) Assessment Methodology, dated March 2015, “Confidence in an evaluation of use support/impact is also influenced by the age of the data upon which the evaluation is based. Typically, if there are no data/information to reconfirm a determination of use support as *Known* that was made more than ten years ago, that level of confidence may be changed to *Suspected*.” In accordance with this guidance, the use impact for Beach/Island Ponds should be changed to *Suspected* as the data supporting the original use impact is more than 17 years old. Therefore, the Pathogen Impairment listing for Beach/Island Ponds should be moved to Part 3a – Waterbodies for which TMDL Development May be Deferred (Requiring Verification of Impairment).

Listing of Spring Pond (1701-0230) as Impaired by Pathogens under Part 3c – Waterbodies for which TMDLs Are Deferred (Pending Development/Implementation/Evaluation of Other Restoration Measures)

According to the 2015 Triennial Evaluation of Bacteriological Water Quality prepared by the NYSDEC's Bureau of Marine Resources - Shellfisheries Section for the Orient Harbor Shellfish Growing Area, Spring Pond meets the National Shellfish Sanitation Program fecal coliform (pathogen) standards for the year-round harvest of shellfish. The area remains closed to shellfishing because the agency has not upgraded its classification. This waterbody should be moved to Part 3a - Waterbodies for which TMDL Development May be Deferred (Requiring Verification of Impairment) on the 2016 303(d) list as the pathogen data collected by NYSDEC does not support the pathogen impairment listing.

The Town respectfully requests that the NYSDEC address the above items prior to preparation of the Final 2016 Section 303(d) List. Should you have any questions or require further information, please do not hesitate to contact me at 631-765-1560.

Very truly yours,



Michael M. Collins, P.E.
Town Engineer

ecc: Scott Russell, Town Supervisor
Bill Duffy, Town Attorney

**TOWN OF RIVERHEAD
STORMWATER MANAGEMENT OFFICE
MARCH 2015 TO MARCH 2016 ANNUAL REPORT
PUBLIC MEETING COMMENTS**

1. MCM 3, 12., F., Page 3 of 3 – 2 (edits to SWMP)

4.4 STOP DAY

The Town has a household hazardous waste disposal program for residents that involve a number of collections each year. There are also remote battery disposal events. Although household chemicals make up only a small percentage of the residential waste stream, in order to protect the environment, it is important that they be disposed of properly. The Town's program accepts chemicals that include, but are not limited to, pesticides, aerosol cans, household cleaners, waste motor oil, *recyclable/rechargeable batteries*, electronics and fluorescent bulbs. With respect to used motor oil, New York State law requires every gasoline station that sells more than 500 gallons of motor oil to accept used motor oil at no charge.

4.5. IN-HOUSE BATTERY RECYCLING

The Town has a used battery disposal program for residents that is located at Town Hall. The program consists of two labelled recycling pails. One pail collects non-recyclable/rechargeable batteries and the other pail collects recyclable/rechargeable batteries. The former are disposed of as solid waste and the latter are brought to STOP DAY for collection and recycling by the current carter. This in-house program will be phased out in approximately three months.

4.6. PLANTINGS

4.6.1 RAIN GARDEN

Through the Town Recreational, CCE, SCDOH, NYSDEC and Buildings and Grounds divisions a rain garden was constructed at the Town's Peconic Riverfront Park. The Buildings and Grounds Division excavated the rain garden and installed the gravel subbase and the soil layer, while the government employees and local volunteers planted the rain garden and learned from the experience. Date of installation and maintenance dates and description will be included in the GIS data for this practice.

8.6.6 STORMWATER SYSTEM MAINTENANCE

Drainage basin cleanings are scheduled during non-freezing temperatures and are logged as to the dates and associated piping information. Employees conducting the cleaning inspect for construction types, potential illicit connections, and structural integrity for the piping. *The Town will incorporate its cleaning, and inventory progress in the GIS System. Dates of cleaning, maintenance and repair will be included in the data for each structure maintained.*

5.12.2.2 DRAINAGE STRUCTURE CLEANING

Hwy Dept. actively cleans drainage infrastructure. The Hwy Dept. currently maintains three vacuum trucks that are utilized for removing debris that has accumulated in drainage catch basins, leaching pools, and manholes. The Hwy Dept. has been provided with overviews and on going training on how to detect a potential illicit discharge. During cleaning operations, if they observe dry weather flow, unidentified pipes in the structures, or foul odors, they maintain a list of the structure number, location and issue. There is a cumulative list maintained at the Hwy Dept. that describes any activities that are potential illicit discharges. If there are items of major concern that are discharges of strong odor or color, the Hwy Dept. will contact the SMO. If it is an immediate potential hazard, the Fire Marshal's office is contacted. *The Town Board has directed the Engineering Department to clean the structures at the Peconic Riverfront every other year.*

**TOWN OF RIVERHEAD
STORMWATER MANAGEMENT OFFICE
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PUBLIC MEETING COMMENTS**

2. MCM 5, 12., F., Page 3 of 3 - 2

Clean out western drainage system on the Peconic River Front consisting of 8 leaching pools (LPs) and 12 catch basins (CBs). The CBs and interconnecting piping are all full of sediment and the LPs are full of sediment and water. Clean out eastern drainage system consisting of 23 CBs and 13 LPs which are in the same condition as western system.