MS4 Annual Report Cover Page

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MS4 Annual Report Cover Page

MCC form for period ending March 9,

Provide SPDES ID of each permit	ted MS4 included in this report.	
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MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9,
Name of MS4 SPDES ID
Each MS4 must submit an MCC form.
Section 1 - MCC Identification Page
Indicate whether this MCC form is being submitted to certify endorsement or acceptance of:
An Annual Report for a single MS4
A Single Entity (Per Part II.E of GP-0-10-002)
A Joint Report
Joint reports may be submitted by permittees with legally binding agreements.
If Joint Report, enter coalition name:

Phone

MS4 Municipal Compliance Certification(MCC) Form MCC form for period ending March 9, SPDES ID Name of MS4 **Section 2 - Contact Information** Important Instructions - Please Read Contact information must be provided for <u>each</u> of the following positions as indicated below: 1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J). 2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form) 3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c). 4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP). 5. Report Preparer (Consultants may provide company name in the space provided). A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual. If a new Duly Authorized Representative is signing this report, their contact information must be provided and a signature authorization form, signed by the Principal Executive Officer or Chief Elected Official must be attached. For each contact, select all that apply: O Principal Executive Officer/Chief Elected Official O Duly Authorized Representative O Local Stormwater Public Contact O Stormwater Management Program (SWMP) Coordinator O Report Preparer First Name ΜI Last Name Title Address City State Zip eMail

County

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} \begin{vmatrix} 2 & 0 \end{vmatrix}$

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Section 2 - Contact Information

Important Instructions - Please Read

Contact information must be provided for <u>each</u> of the following positions as indicated below:

- 1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
- 2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)
- 3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c).
- 4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
- 5. Report Preparer (Consultants may provide company name in the space provided).

A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual.

If a new Duly Authorized Representative is signing this report, their contact information must be provided and a signature authorization form, signed by the Principal Executive Officer or Chief Elected Official must be attached.

For each contact, select all that apply:

- O Principal Executive Officer/Chief Elected Official
- O Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

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MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9,	
	SPDES ID
Name of MS4	
Section 4 - Certification Statement	
"I certify under penalty of law that this document and all attachments were direction or supervision in accordance with a system designed to assure the properly gathered and evaluated the information submitted. Based on my in persons who manage the system, or those persons directly responsible for the information submitted is, the best of my knowledge and belief, true, as aware that there are significant penalties for submitting false information, fine and imprisonment for knowing violations."	at qualified personnel inquiry of the person or gathering the information, ecurate, and complete. I am
This form must be signed by either a principal executive officer or ranking authorized representative of that person as described in GP-0-08-002 Part	-
First Name MI Last Name	
Title (Clearly print title of individual signing report)	
The Cecury from the or marviatur <u>signing</u> reporty	
Signature Da	te / / /

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

Name of MS4/Coalition Water Quality Trends The information in this section is being reported (check one): On behalf of an individual MS4 On behalf of a coalition	
The information in this section is being reported (check one): On behalf of an individual MS4	
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On behalf of an individual MS4	
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How many MS4s are contributed to this report?	
1. Has this MS4/Coalition produced any reports documenting water quality trends related to stormwater? If not, answer No and proceed to Minimum Control Measur	e
One.	es O No
If Yes, choose one of the following	
 Report(s) attached to the annual report Web Page(s) where report(s) is/are provided below 	
Please provide specific address of page where report(s) can be accessed - not home	page.
URL	
URL	
URL	
URL	

This report is being submitted for the reporting period ending March 9,
If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.
SPDES ID
Name of MS4/Coalition
Minimum Control Measure 1. Public Education and Outreach
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. Targeted Public Education and Outreach Best Management Practices
Check all topics that were included in Education and Outreach during this reporting period:
○ Construction Sites ○ Pesticide and Fertilizer Application
○ General Stormwater Management Information ○ Pet Waste Management
○ Household Hazardous Waste Disposal ○ Recycling
○ Illicit Discharge Detection and Elimination ○ Riparian Corridor Protection/Restoration
○ Infrastructure Maintenance ○ Trash Management
○ Smart Growth ○ Vehicle Washing
○ Storm Drain Marking ○ Water Conservation
○ Green Infrastructure/Better Site Design/Low Impact Development ○ Wetland Protection
○ Other: ○ None
Other2. Specific audiences targeted during this reporting period:
2. Specific dualences targeted during this reporting period.
○ Public Employees ○ Contractors
○ Residential ○ Developers
O Businesses O General Public
○ Restaurants ○ Industries
Other: OAgricultural
Other

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 3. What strategies did your MS4/Coalition use to achieve education and outreach goals during this reporting period? Check all that apply: O Construction Site Operators Trained #Trained O Direct Mailings #Mailings O Kiosks or Other Displays # Locations O List-Serves # In List O Mailing List # In List O Newspaper Ads or Articles # Days Run O Public Events/Presentations # Attendees O School Program # Attendees ○ TV Spot/Program # Days Run O Printed Materials: Total # Distributed Locations (e.g. libraries, town offices, kiosks) Other: O Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed. URL

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This report is being submitted for the reporting period ending March 9,
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SPDES ID
Name of MS4/Coalition
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.
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?
e. How many times was this observation measured of evaluated in this reporting period.
(ex.: samples/participants/ever
D. Has your MS4 made progress toward this Measurable Goal during this reporting period? O Yes O No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? O Yes O No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

This report is being submitted for the reporting period ending March 9,				
If submitting this form as part of a joint report on behalf of a coalition leave SPDES	ID	blank	ζ.	
Name of MS4/Coalition SPDES ID				
Minimum Control Measure 2. Public Involvement/Participa	atio	'n		
The information in this section is being reported (check one):	an	<u>/11</u>		
On behalf of an individual MS4On behalf of a coalition				
How many MS4s contributed to this report? 1. What opportunities were provided for public participation in implementation development, evaluation and improvement of the Stormwater Management Proceeding (SWMP) Plan during this reporting period? Check all that apply:		ram		
○ Cleanup Events #Events				
○ Comments on SWMP Received #Comments				
○ Community Hotlines Phone # (- [
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○ Community Meetings # Attendees				
○ Plantings Sq. Ft.				
○ Storm Drain Markings #Drains				
○ Stakeholder Meetings # Attendees				
○ Volunteer Monitoring #Events				
Other:				
2. Was public notice of availability of this annual report and Stormwater Manag Program (SWMP) Plan provided?	_	ent Yes	С	No
○ List-Serve # In List				
○ Newspaper Advertising # Days Run				
○ TV/Radio Notices # Days Run				
Other:				

MCM 2 Page 1 of 6

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

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 2. URL(s) con't.: Please provide specific address(es) where notice(s) can be accessed - not home page. URL URL URL URL URL URL

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 2. URL(s) con't.: Please provide specific address(es) where notices can be accessed - not home page. URL URL URL URL URL URL

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 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 O Annual Report ○ SWMP Plan ○ Comments Department Address City Zip Phone O Library Address O Annual Report O SWMP Plan ○ Comments City Zip Phone O Annual Report O SWMP Plan ○ Comments Other Address City Zip Phone O Annual Report ○ SWMP Plan ○ Comments O Web Page URL: Please provide specific address of page where report can be accessed - not home page. O eMail O Comments

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 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. 4.b. For how many days was/will this report be posted? 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? O Yes \bigcirc No If Yes, what was the date of the meeting? If No, is one planned? O Yes \bigcirc No 5.b. Was an Annual Report public meeting held for all MS4s contributing to this report during this reporting period? O Yes \bigcirc No If No, is one planned for each? O Yes \bigcirc No 6. Were comments received during this reporting period? ○ Yes \bigcirc No If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.

This report is being submitted for the reporting period ending March 9,
If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.
SPDES ID
Name of MS4/Coalition
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.
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/event
D. Has your MS4 made progress toward this measurable goal during this reporting period? O Yes O No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
\bigcirc Yes \bigcirc No
F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition Minimum Control Measure 3. Illicit Discharge Detection and Elimination The information in this section is being reported (check one): On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to this report? 1. Enter the number and approx. percent of outfalls mapped: % 2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)? 3.a. What types of generating sites/sewersheds were targeted for inspection during this reporting period? O Auto Recyclers ○ Landscaping (Irrigation) O Building Maintenance ○ Marinas O Churches O Metal Plateing Operations O Commercial Carwashes Outdoor Fluid Storage O Parking Lot Maintenance O Commercial Laundry/Dry Cleaners O Construction Vehicle Washouts Printing O Cross-Connections O Residential Carwashing O Distribution Centers O Restaurants O Schools and Universities O Food Processing Facilities O Garbage Truck Washouts O Septic Maintenance O Hospitals ○ Swimming Pools O Improper RV Waste Disposal O Vehicle Fueling O Industrial Process Water O Vehicle Maint./Repair Shops Other: ○ None O Sewersheds:

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 3.b. What types of illicit discharges have been found during this reporting period? O Broken Lines From Sanitary Sewer O Industrial Connections O Cross Connections ○ Inflow/Infiltration O Failing Septic Systems O Pump Station Failure O Floor Drains Connected To Storm Sewers O Sanitary Sewer Overflows O Illegal Dumping O Straight Pipe Sewer Discharges Other: ○ None 4. How many illicit discharges/potential illegal connections have been detected during this reporting period? 5. How many illicit discharges have been confirmed during this reporting period? 6. How many illicit discharges/illegal connections have been eliminated during this reporting period? 7. Has the storm sewershed mapping been completed in this reporting period? O Yes \bigcirc No If No, approximately what percent was completed in this reporting period? % 8. Is the above information available in GIS? ○ Yes \bigcirc No Is this information available on the web? ○ Yes ○ No If Yes, provide URL(s): Please provide specific address of page where map(s) can be accessed - not home page. URL URL

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 8. URL(s) con't.: Please provide specific address of page where map(s) can be accessed - not home page URL URL URL URL 9. Has an IDDE law been adopted for each traditional MS4 and/or have IDDE procedures been approved for all non-traditional MS4s contributing to this report? O Yes \bigcirc No 10. If Yes, has every traditional MS4 contributing to this report certified that this law is equivalent to the NYS Model IDDE Law? ○ Yes ○ No ○ NT 11. What percent of staff in relevant positions and departments has received IDDE training? %

If submitting this form as part of a joint report on behalf of a coalition leading of MS4/Coalition 2. Evaluating Progress Toward Measurable Goals MCM 3 Use this page to report on your progress and project plans toward achieving dentified in your Stormwater Management Program Plan (SWMPP), include II.C.1. Submit additional pages as needed.	SPDES		ID bl	ank.	
2. Evaluating Progress Toward Measurable Goals MCM 3 Use this page to report on your progress and project plans toward achieving dentified in your Stormwater Management Program Plan (SWMPP), included		ID			
2. Evaluating Progress Toward Measurable Goals MCM 3 Use this page to report on your progress and project plans toward achieving dentified in your Stormwater Management Program Plan (SWMPP), included	measi				
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dentified in your Stormwater Management Program Plan (SWMPP), include	measi				
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A. Briefly summarize the Measurable Goal identified in the SWMPP in	n this	repor	ting	perio	d.
3. Briefly summarize the observations that indicated the overall effecti	ivenes	s of tl	his M	Ieasu	rable
C. How many times was this observation measured or evaluated in this	repoi	rting	perio	od?	
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). Has your MS4 made progress toward this measurable goal during the					
The state of the s			\circ		O No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMI	pp?				
7. Is your 14154 on schedule to meet the deadline set for in in the 5 with			\circ Y	⁷ es	○ No
S. Briefly summarize the stormwater activities planned to meet the goathe next reporting cycle (including an implementation schedule).	als of t	his N			
the next reporting eyele (including an implementation schedule).					
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This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 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 \bigcirc 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 \circ NT If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law. \bigcirc 09/2004 \bigcirc 03/2006 \circ NT 2. Does your MS4/Coalition have a SWPPP review procedure in place? O Yes \bigcirc No 3. How many Construction Stormwater Pollution Prevention Plans (SWPPPs) have been reviewed in this reporting period? 4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs? O Yes \bigcirc No \circ NT If Yes, how many public comments were received during this reporting period? 5. Does your MS4/Coalition provide education and training for contractors about the local **SWPPP** process? ○ Yes ○ 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:

O Notices of Violation	#	O No Authority
O Stop Work Orders	#	O No Authority
O Criminal Actions	#	O No Authority
○ Termination of Contracts	#	O No Authority
O Administrative Fines	#	O No Authority
O Civil Penalties	#	O No Authority
O Administrative Orders	#	O No Authority
O Enforcement Actions or Sanctions	#	
Other	#	O No Authority

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 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? 2. How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period? 3. What percent of active construction sites were inspected during this reporting period? \bigcirc NT % 4. What percent of active construction sites were inspected more than once? \circ NT % 5. Do all inspectors working on behalf of the MS4s contributing to this report use the NYS **Construction Stormwater Inspection Manual?** O Yes 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 \bigcirc No \bigcirc NT If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for public review? ○ Yes \bigcirc No

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

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 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

This report is being submitted for the reporting period endin	ng March 9,
If submitting this form as part of a joint report on behalf of a coalition	on leave SPDES ID blank.
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. Evaluating Progress Toward Measurable Goals MCM 4	
Use this page to report on your progress and project plans toward achieved dentified in your Stormwater Management Program Plan (SWMPP), inc. II.C.1. Submit additional pages as needed.	-
A. Briefly summarize the Measurable Goal identified in the SWMPl	P in this reporting period.
B. Briefly summarize the observations that indicated the overall effections.	ectiveness of this Measurable
C. How many times was this observation measured or evaluated in t	this reporting period?
	(ex.: samples/participants/e
D. Has your MS4 made progress toward this measurable goal durin	g this reporting period?
	\bigcirc Yes \bigcirc No
E. Is your MS4 on schedule to meet the deadline set forth in the SW	MPP?
•	\bigcirc Yes \bigcirc No
F. Briefly summarize the stormwater activities planned to meet the the next reporting cycle (including an implementation schedule).	goals of this MCM during

This report	t is being subm	itted for the r	eporting perio	od ending March	9,	
If submittir	ng this form as pa	rt of a joint rep	ort on behalf of	a coalition leave SP	DES ID blank.	
Name of MS4/Coalition				SPDES II	D	
Minimum (Control Meas	sure 5. Post	-Constructio	on Stormwater	Management	'
The information in th	is section is being	g reported (chec	ck one):			
On behalf of an incOn behalf of a coal						
How m	any MS4s contr	ributed to this 1	report?			
1. How many and w MS4/Coalition in	* * * *			anagement practice reporting period?	es has your	
		# Inventoried	# Inspections	# Times Maintained		
O Alternative Practice	es					
○ Filter Systems						
○ Infiltration Basins						
Open Channels						
○ Ponds						
O Wetlands						
Other						
2. Do you use an e BMPs, inspecti			abase, spreads	heet) to track pos		No No
3. What types of a Development/B		-		-	Impact	
O Building Codes	O Municipal Co	omprehensive P	lans			
Overlay Districts	Open Space I	Preservation Pro	ogram			
\bigcirc Zoning	O Local Law or	Ordinance				
○ None	O Land Use Re	egulation/Zoning				
O Watershed Plans	Other Compr	rehensive Plan				
Other:						

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort? ○ Yes \bigcirc No 4b. Does the MS4 have a banking and credit system for stormwater management practices? O Yes \bigcirc No 4c. Do the SWMP Plans for each MS4 contributing to this report include a protocol for evaluation and approval of banking and credit of alternative siting of a stormwater management practice? \bigcirc Yes \bigcirc No 4d. How many stormwater management practices have been implemented as part of this system in this reporting period? 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? %

This report is being submitted for the reporting period en	ding March 9,
If submitting this form as part of a joint report on behalf of a coal	lition leave SPDES ID blank.
	SPDES ID
Name of MS4/Coalition	
6. Evaluating Progress Toward Measurable Goals MCM 5	
Use this page to report on your progress and project plans toward achidentified in your Stormwater Management Program Plan (SWMPP), III.C.1. Submit additional pages as needed.	2
A. Briefly summarize the Measurable Goal identified in the SWM	IPP in this reporting period.
B. Briefly summarize the observations that indicated the overall of Goal.	effectiveness of this Measurable
C. How many times was this observation measured or evaluated i	in this reporting period?
N. II M.C.A	(ex.: samples/participant:
D. Has your MS4 made progress toward this measurable goal dur	
	\bigcirc Yes \bigcirc No
E. Is your MS4 on schedule to meet the deadline set forth in the S	SWMPP?
•	\bigcirc Yes \bigcirc No
F. Briefly summarize the stormwater activities planned to meet the next reporting cycle (including an implementation schedule	9
	-/-

wig i i i i i i i i i i i i i i i i i i	<u> </u>
This report is being submitted for the reporting period	
If submitting this form as part of a joint report on behalf of a	coalition leave SPDES ID blank.
	SPDES I D
Name of MS4/Coalition	
Minimum Control Measure 6. Stormwater Manager	ment 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. Change list and many simple appealing for sility that contains	400 00 more motoretically constribute

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.

Self-Assessment
Operation/Activity/Facility
performed within the past 3

		<u>perforr</u>	<u>ned withir</u>	the past 3
Operation/Activity/Facility	Addressed in	n SWMP?	<u>years?</u>	•
Street Maintenance	O Yes	○ No	O Yes	\bigcirc No
Bridge Maintenance	O Yes	○ No	O Yes	\bigcirc No
Winter Road Maintenance	O Yes	○ No	O Yes	\bigcirc No
Salt Storage	O Yes	○ No	O Yes	\bigcirc No
Solid Waste Management	O Yes	○ No	O Yes	\bigcirc No
New Municipal Construction and Land Disturba	nce O Yes	○ No	O Yes	\bigcirc No
Right of Way Maintenance	○ Yes	○ No	O Yes	\bigcirc No
Marine Operations	• Yes	○ No	O Yes	\bigcirc No
Hydrologic Habitat Modification	○ Yes	○ No	O Yes	\bigcirc No
Parks and Open Space	• Yes	○ No	O Yes	\bigcirc No
Municipal Building	○ Yes	○ No	O Yes	\bigcirc No
Stormwater System Maintenance	O Yes	○ No	O Yes	\bigcirc No
Vehicle and Fleet Maintenance		○ No	O Yes	\bigcirc No
Other	○ Yes	○ No	O Yes	\bigcirc No

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SPDES ID
Name of MS4/Coalition
2. Provide the following information about municipal operations good housekeeping programs:
O Parking Lots Swept (Number of acres X Number of times swept) # Acres
○ Streets Swept (Number of miles X Number of times swept) # Miles
O Catch Basins Inspected and Cleaned Where Necessary #
O Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #
O Phosphorus Applied In Chemical Fertilizer # Lbs.
○ Nitrogen Applied In Chemical Fertilizer # Lbs.
O 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?
4. What was the date of the last training?
5. How many municipal employees have been trained in this reporting period?
6. What percent of municipal employees in relevant positions and departments receive stormwater management training?

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

If submitting this fo		1 01 0	March 9,
	rm as part of a joint repor	rt on behalf of a coalition	leave SPDES ID blank.
			SPDES ID
63 KG 4/G 11/1			
e of MS4/Coalition			
A J J'4' 1 337 - 4 -		- 4 C4 4 D 4 M	D
Additional Wate	rshed Improvemen	nt Strategy Best Man	nagement Practices
information in this section	n is heing reported (check	k one).	
		Conej.	
on behalf of an individual Non behalf of a coalition	MS4		
	4s contributed to this re	mort?	
now many MS	48 contributed to this re	sport?	
'As must answer the sur	agtions on shoot NA a	a indicated in the table	halarr
4s must answer the qu	estions of check NA a	s indicated in the table	e delow.
MS4 Description	Answer	Check NA	(POC)
NYC EOH Watershed raditional Land Use	- 1,2,3,4,5,6,7a-d,8a,8b,9	10,11,12	- Dhomhorus
raditional Non-Land Use	1,2,3,4,5,6,7a-d,8a,8b,9 1,2,3,4,7a-d,8a,8b,9	5,10,11,12	Phosphorus Phosphorus
on-Traditional	1,2,77a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus
Onondaga Lake Watershed	-	-	-
raditional Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
raditional Non-Land Use on-Traditional	1,6,7a-d,8a,9 1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12 2,3,4,5,8b,10,11,12	Phosphorus Phosphorus
Greenwood Lake Watershed	1,0,7a-u,8a,9	2,3,4,3,60,10,11,12	
raditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
aditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
on-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Oyster Bay raditional Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	- Pathogens
raditional Non-Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
on-Traditional	1,4,7a-d,9	2,3,4,5,8a,8b,10,11,12	Pathogens
Peconic Estuary	-	-	-
aditional Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
raditional Non-Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
on-Traditional	1,4,7a-d,8a,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen
Oscawana Lake Watershed	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
editional Land Usa		2,3,5,8b,10,11,12	Phosphorus
aditional Non-Land Use	1,4,6,7a-d,8a,9 1 4 6 7a-d 8a 9		
raditional Land Use raditional Non-Land Use on-Traditional LI 27 Embayments	1,4,6,7a-d,8a,9 1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12 2,3,5,8b,10,11,12	Phosphorus
aditional Non-Land Use on-Traditional		2,3,5,8b,10,11,12	
raditional Non-Land Use on-Traditional LI 27 Embayments	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus -

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. Name of MS4/Coalition 3. Does your MS4/Coalition have a Stormwater Conveyance System (infrastructure) Inspection and Maintenance Plan Program? O Yes \bigcirc No \bigcirc 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? % 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 \bigcirc No \bigcirc 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?** \bigcirc Yes \bigcirc No \bigcirc N/A 7a. Does your MS4/Coalition have a retrofitting program to reduce erosion or phosphorus/nitrogen/pathogen loading? O Yes \bigcirc N/A \bigcirc No 7b. How many projects have been sited in this reporting period? 7c. What percent of the projects included in 7b have been completed in this reporting period? % 7d. What percent of projects planned in previous years have been completed? O 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 \bigcirc No \bigcirc 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? \bigcirc Yes \bigcirc No \bigcirc N/A

populations?

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank. SPDES ID Name of MS4/Coalition 9. Has your MS4/Coalition developed and implemented a program of native planting? O Yes \bigcirc No \bigcirc N/A 10. Has your MS4/Coalition enacted a local law prohibiting pet waste on municipal properties and prohibiting goose feeding? ○ Yes \bigcirc No \bigcirc N/A 11. Does your MS4/Coalition have a pet waste bag program? \bigcirc Yes \bigcirc No \bigcirc N/A 12. Does your MS4/Coalition have a program to manage goose

 \bigcirc Yes \bigcirc No \bigcirc N/A

Town of Cortlandt





www.townofcortlandt.com





SUPERVISOR LINDA D. PUGLISI TOWN BOARD MEMBERS RICHARD H. BECKER

DEBRA A. COSTELLO
JAMES F. CREIGHTON
FRANCIS X. FARRELL



REMEMBER TO RECYCLE

Department of Environmental Services

(914) 737-0100

Email: Sanitation@townofcortlandt.com

Jeffrey C. Coleman, P.E., Director

Stephen J. Ferreira, P.E., Deputy Director/Water

Christina Edwards, Deputy Director - DES /Admin.

Stormwater

Solutions to the Pollution

Easy things you can do every day to protection our water

Stormwater is water from rain or melting snow that flows from rooftops, paved areas and lawns that doesn't soak into the ground but runs off into waterways.

As it flows, stormwater runoff collects and transports soil, animal waste, salt, fertilizers, oil and grease, pesticides, litter and other potential pollutants. This pollution can enter groundwater, streams, lakes, ponds and river and can even affect the quality of our drinking water.

Increases in impervious surfaces cause more stormwater runoff. Because less water is soaking in, flooding can become more frequent and more destructive.

The Town of Cortlandt is a regulated Storm system community and has enacted updated Town ordinances governing stormwater.

Lawn Care

Most lawns tested in Westchester County did NOT need more phosphorus. If you must fertilize, use phosphorus-free fertilizer (where the middle number on the bag is zero). Excess fertilizer flows into streams, lakes, rivers and reservoirs, where it can degrade drinking water, lead to algae and plant growth and contribute to fish kills. Don't fertilize when rain is expected. Leave grass clippings on the laws to recycle nutrients. More information on lawn care is available in the Town of Cortlandt Sanitation Website.

Septic System Maintenance

Failing septic systems can contaminate groundwater, drinking water and surface flows. Most of the Town of Cortlandt is serviced by individual septic systems. These septic systems should be pumped and inspected regularly. Do not pour chemicals, paints, fats, or excess medications down your pipes. Driving on or parking on septic fields may damage them.

Please pick up after your dog or cat. It doesn't matter the size of the animal — all animal waste has an impact. Animal waste is easily carried by runoff, washing off roads and lawns. Pet waste contains harmful bacteria and phosphorus that can promote the growth of weeds, and algae. Scoop the poop and dispose of pet waste in the garbage.

Only Rain down the Drain

All our storm drains lead eventually to someone's drinking water. Don't dispose of waste down the drain or into any of the ditches, swales, street drains or stormwater outfalls that convey stormwater.

Landscaping Helps

Keep vegetation and organic material on the soil, especially on slopes. Landscape to limit the steepness or length of slopes. Build a buffer of vegetation by watercourses to help filter sediment. Replace the lawn at water's edge with shrubs, hedges or trees. Anything that slows the flow of water will help give time for the pollution to be removed.

Care for your Car

Little drops of oil and gas add up. One pint of oil can cause an oil slick the size of a football field. Take used motor oil to gas stations. NEVER pour it down the drain. Take other fluids to approved recycling locations. More information about this is in the Town of Cortlandt Sanitation Website. Use saw dust or kitty litter to clean up leaks and spills in your driveway. Wash your car on your lawn if possible to capture runoff.

Reporting Stormwater Polluters

Your actions or the action of your neighbor can affect water resources. We are all downstream of someone. No polluted water should be allowed to go into our stormwater system. If you notice pollution of Stormwater you can report the details to the Town of Cortlandt Stormwater Hotline at (914) 734-1060.

Cortlandt's Stormwater Hotline (914) 734-1060

14th Annual Cortlandt

FAMILY FUN DAY

Join us for an afternoon of family fun on September 7th, 2:00 PM - 8:00 PM at the Cortlandt Youth and Recreation Center

FIREWORKS AT 8:00 PM

Parking at the Cortlandt Train Station

LOTE ANNIVERSALRY OF THE YOUTH CENTERS



Here is just a preview of the fun we have planned!

- FREE ADMISSION
- Large attractions including a 30 foot high victory lap slide, jumbo bounce, and more!
 - Midway Games
 - Prizes
 - Live Music beginning at 6:00 PM
 - Face Painting
 - Tattoos
 - Entertainment
 - · Food Court with many local eateries















Rain Date: Sunday, September 8th 2:00 PM- 8:00 PM, Fireworks at 8:00 PM

WE ARE LOOKING FOR VOLUNTEERS?

Here is your chance to be part of this special day. We are looking for individuals, sports teams, clubs, and organizations that are interested in volunteering!

Please go to www.townofcortlandt.com/reconline to register online today!





Town of Cortlandt
Department of Recreation & Conservation
1 Heady Street
Cortlandt Manor, NY 10567-1254
(914) 734-1050

Web site: www.Townofcortlandt.com E-mail: tocrec@townofcortlandt.com

Presorted Standard U.S. POSTAGE PAID Deposit, NY Permit No. 9

Dated Material Please Deliver Promptly

Richard H. Becker

Postal Patron

Town of Cortlandt Summer 2019 - Recreation Program Brochure

Town Supervisor, Linda D. Puglisi
Town Board

Debra A. Costello James F. Creighton Francis X. Farrell



2019 SUMMER CONCERT AND MOVIE SERIES, DATES, TIMES, AND INFORMATION ON THE BACK COVER!

Solutions to Stormwater Pollution

Easy Things You Can Do Every Day to Protect Our Water



Stormwater us water from rain or melting snow that flows from rooftops, paved areas and lawns that doesn't soak into the ground but runs off into waterways.

As it flows, stormwater runoff collects and transports soil, animal waste, salt, fertilizers, oil and grease, pesticides, litter and other potential pollutants. This pollution can enter groundwater, streams, lakes, ponds, and rivers and can even affect the quality of our drinking water.

Increase in impervious surfaces cause more stormwater runoff. Because less water is soaking in, flooding can become more frequent and more destructive.

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What can you do to help with Stormwater Issues?

Lawn Care

Most lawns tested in Westchester County did NOT need more phosphorus. If you must fertilize, use phosphorus-free fertilizer (where the middle number on the bag is zero). Excess fertilizer flows into streams, lakes, rivers, and reservoirs, where it can degrade drinking water, lead to algae and plant growth and contribute to fish kills. Don't fertilize when rain is expected. Leave grass clippings on the lawn to recycle nutrients. More information on lawn care is available in the Town of Cortlandt Recycling brochure on our website.



Septic System Maintenance

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Scoop the Poop

Please pick up after your dog or cat. It doesn't matter the size of the animal—all animal waste has an impact. Animal waste is easily carried by runoff, washing off roads and lawns. Pet waste contains harmful bacteria and phosphorus that can promote the growth of weeds and algae.



Landscaping Helps

Keep vegetation and organic material on the soil, especially on slopes. Landscape to limit the steepness or length of slopes. Build a buffer of vegetation by watercourses to help filter sediment. Replace the lawn at water's edge with shrubs, hedges or trees. Anything that slows the flow of water will help us give time for the pollution to be removed.

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Town of Cortlandt
Department of Recreation & Conservation
1 Heady Street
Cortlandt Manor, NY 10567-1254
(914) 734-1050

Web site: www.Townofcortlandt.com E-mail: tocrec@townofcortlandt.com Presorted Standard U.S. POSTAGE PAID Deposit, NY Permit No. 9

Dated Material Please Deliver Promptly

Postal Patron

Town of Cortlandt Fall 2019 - Recreation Program Brochure

Town Supervisor, Linda D. Puglisi

Town Board

Richard H. Becker Jame

James F. Creighton

Debra A. Costello

Francis X. Farrell



FIRST ANNUAL CORTLANDT WINTER WONDERLAND SATURDAY, DECEMBER 14TH (SNOW DATE - SUNDAY, DECEMBER 15TH)

Solutions to Stormwater Pollution

Easy Things You Can Do Every Day to Protect Our Water



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What can you do to help with Stormwater Issues?

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Dated Material Please Deliver Promptly

Postal Patron

Town of Cortlandt Winter/Spring 2020 - Recreation Program Brochure

Town Supervisor, Linda D. Puglisi

Town Board

Richard H. Becker James F. Creighton Debra A. Costello

Francis X. Farrell



8th ANNUAL EGG HUNT AT THE YOUTH CENTER- SATURDAY, APRIL 4TH (RAIN DATE- SUNDAY, APRIL 5TH)

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Keep vegetation and organic material on the soil, especially on slopes. Landscape to limit the steepness or length of slopes. Build a buffer of vegetation by watercourses to help filter sediment. Replace the lawn at water's edge with shrubs, hedges or trees. Anything that slows the flow of water will help us give time for the pollution to be removed.

Care for your Car

Little drops of oil and gas add up. One pint of oil can cause an oil slick the size of a football field. Take used motor oil to gas stations. NEVER pour it down the drain. Take other fluids to approved recycling locations. Use saw dust or kitty litter to clean up leaks and spills in your driveway. Wash your car on your lawn if possible to capture runoff.



Reporting Stormwater Polluters

Your actions or the action of your neighbor can affect water resources. We are all downstream of someone. No polluted water should be allowed to go into our stormwater system. If you notice pollution of Stormwater you can report the details to the Town of Cortlandt Stormwater Hotline at 914-293-0900 or the Town of Cortlandt Code Enforcement Department at 914-734-1010.



REPORT

LAKE MEAHAGH WATER QUALITY ASSESSMENT

800 Westchester Avenue | Suite N507 Rye Brook, NY 10573 (914) 448-2266

WOOdardcurran.com

Project Number 0214690.00 Town of Cortlandt February 2020



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EXECUTIVE SUMMARY

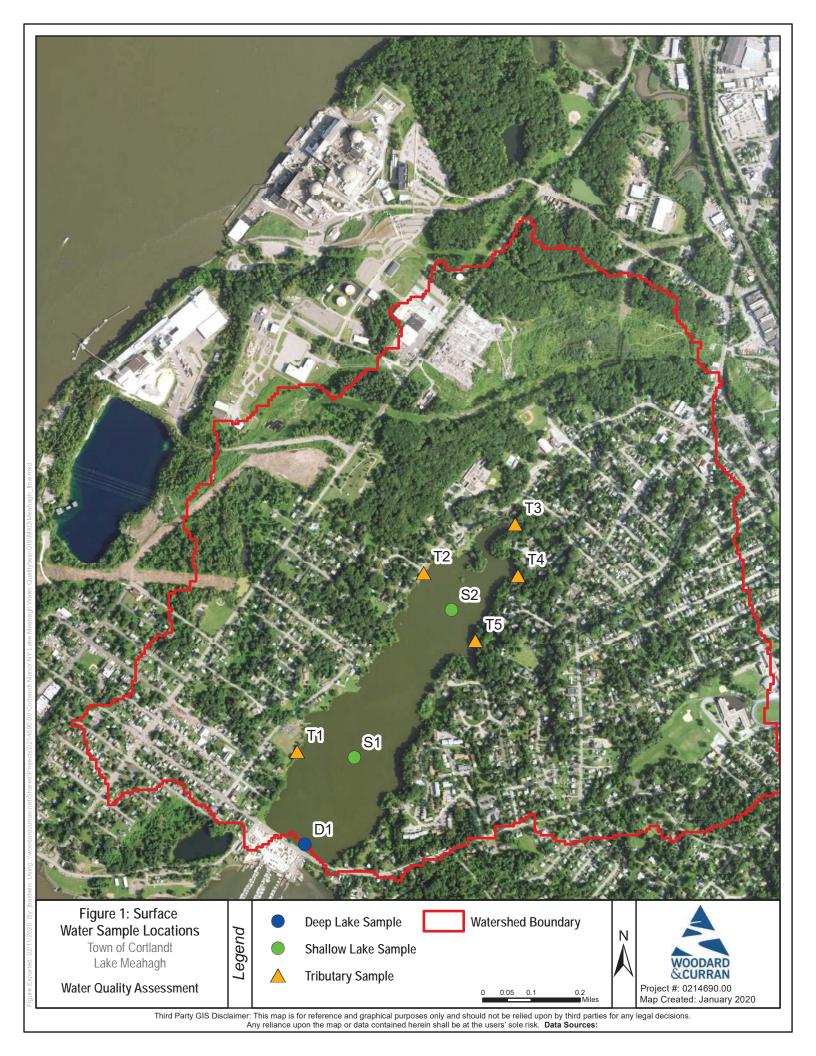
Population density and historic development patterns in the Lake Meahagh drainage area present challenges for water quality management. Dense development along the lake's shoreline and in each of the subwatersheds that drain into the lake present challenges for stormwater filtration and treatment. In addition, much of the development in Lake Meahagh drainages predates the adoption of modern stormwater regulations. As a result, most of the runoff from developed areas that drains to Lake Meahagh is not treated by stormwater best management practices (BMPs) designed to improve water quality, reduce runoff volumes, and protect stream channels.

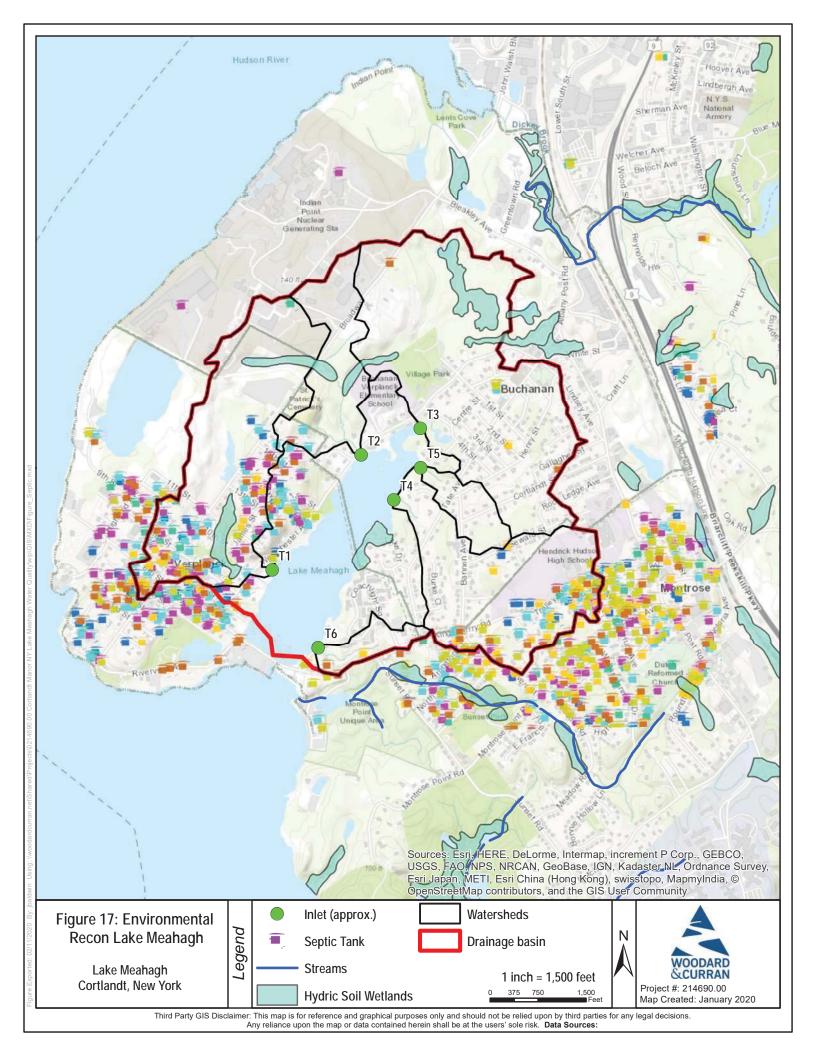
Water quality analyses conducted for this project identified several potential pollutant issues (Appendix A). Except for T2 – Northwest tributary stream, elevated levels of semi-volatile organic compounds were found in all tributary streams that flow into Lake Meahagh (T1-Southwest, T3-North, T4-Northeast, and T5–East Central). The concentration of mercury was elevated in the deep water sample collected near the Hudson River at the southern end of the lake (D1), thallium was elevated in a shallow sample collected at the north end of the lake (S2), and iron was elevated in T3, T4, and T5 (North, Northeast, and East Central) tributaries. Metal concentrations may have been influenced by metals in lake sediment. Sodium concentration was high for all samples. Polychlorinated biphenyls (PCBs), and herbicides were not elevated in any samples. Elevated bacteria levels were found in T3 and T5 (North and East Central) tributaries.

Total phosphorus (P) in lake samples ranged from mesotropic (less than 20 ug/l) to eutrophic (20 to 50 ug/l). Phosphorus concentrations in lake samples were above the limit recommended by EPA (8 ug/l) and below the hypereutrophic threshold of 50 ug/l. Tributary streams T3 and T4 (North and Northeast) had elevated P concentrations. Total nitrogen (N) concentrations in lake samples were above the EPA recommended nutrient criteria threshold of 330 ug/l and stream samples were above the 750 ug/l threshold. Elevated nutrient concentrations are likely contributing to excessive algae, periphyton, and weed growth. Opportunities for expanding stormwater BMPs should be investigated and considered. Nutrient reduction strategies are recommended. Education, public outreach, and the adoption of voluntary BMPs should be encouraged.

Lake Meahagh has shallow water depth, high nutrient concentrations and excessive weed growth. Excessive weed growth is primarily associated with the exotic submergent plant Eurasian watermilfoil (*Myriophyllum spicatum* L). Herbicide or biological control treatments may be useful for reducing watermilfoil. Dissolved oxygen should be managed following herbicide treatments and aeration techniques that minimize sediment disturbance should be selected to minimize impacts to water quality and wildlife. Herbicide treatment may provide temporary relief from nuisance aquatic vegetation, but long-term solutions will require watershed management.

Upland activities in the watersheds surrounding Lake Meahagh are connected to the water quality and aquatic habitat in the lake. Watershed management to increase infiltration, enhance treatment/filtration, and reduce pollutant loads will be required for long-term solutions to resolve vegetation and water quality problems.







APPENDIX C: NUISANCE VEGETATION – TRIBUTARY INLETS



Water Milfoil (*Myriophyllum spicatum*) and Periphyton Associated with T1, Southwest Tributary



Water Milfoil and Periphyton Associated with T2, Northwest Tributary





Water Milfoil Associated with T3, North Tributary



Water Milfoil Associated with T4, Northeast Tributary





Japanese Knotweed (Polygonum cuspidatum) Associated with T5, East Central Tributary



APPENDIX D: NUISANCE VEGETATION LAKE MEAHAGH



Water Milfoil in Lake Meahagh Associated with Sample Location D1 - Near Lake Outfall



Water Milfoil in Lake Meahagh Associated with Sample Location S1, Southern End of Lake





Water Milfoil in Lake Meahagh Associated with Sample Location S2, Northern End of Lake



TOWN OF CORTLANDT

DEPARTMENT OF TECHNICAL SERVICES ENGINEERING DIVISION

Arthur D'Angelo, Jr., P.E.
Deputy Director
D.O.T.S. – Engineering

Director - D.O.T.S.

Town Hall, 1 Heady Street Cortlandt Manor, NY 10567 Main #: 914-734-1060 Fax #: 914-734-1066 Town Supervisor Linda D. Puglisi

Town Board Richard H. Becker James F. Creighton Debra A. Costello Francis X. Farrell

February 27, 2020

RE: Lake Meahagh – Invasive Species Management

Dear Current Resident,

The Town of Cortlandt has contracted with the Pond Connection to make application to the New York State Department of Environmental Conservation "DEC" to apply for permits to combat various invasive species within Lake Meahagh.

Observed invasive species include eurasion watermilfoil, curly-leaf pondweed, brittle naiad, all non-native, exotic and invasive submersed plants. The DEC does not recommend pulling or raking the eurasion watermilfoil (EWM) as by doing so causes "fragmentation" which leads to the spread of the invasive.

Prior to the release of a permit, the DEC requires certain notices and mailings be forwarded to riparian owners (those properties adjacent and contiguous with the waterbody and having rights). Attached to this introductory letter is a Notice of Consent prepared by the Pond Connection. They are proposing to utilize a combination of three herbicides to treat the invasive species. Application of herbicides is expecting to commence in late May and early June of this year.

In addition to the Town obtaining the services of the Pond Connection, staff has:

- Performed preventative maintenance of the aeration devices currently installed in the lakebed as well as evaluated the need for additional units.
- Performed preventative maintenance to the outlet control structure located at Kings Ferry Road. This will allow staff to continue winter drawdown lowering the lake to 50% of its volume, thereby exposing plants roots, naturally eliminating invasive plants along the shore.
- Developed and a long-term treatment protocol, consisting of natural methods, chemical, and biological controls for the lake.

The Town is also committed to continuing public outreach and education. Attached find a mailing which was circulated to the properties in the Lake Meahagh watershed in August 2019. Additional information pertaining to Lake Meahagh, general storm water management and latest news updates is

available at the Town's website www.townofcortlandt.com/stormwater and Westchester County's website http://planning.westchestergov.com/print-materials.

In closing I want to thank you for your cooperation. Together we can maintain and even further improve the visual beauty and health of Lake Meahagh.

Very truly yours,

Michael Preziosi, P.E.

Michael Preziosi, P.E.

Director - Dept. of Technical Services

Cc: Town Supervisor Puglisi

Director - DES

DOTS - Engineering

MS4 File

Pond Connection

THANK YOU FOR YOUR COOPERATION!!!

Together we can maintain and even further improve the visual beauty and health of Lake Meahagh.

Contacts....

Town of Cortlandt

Michael Preziosi, P.E.

Director

Dept. of Technical Services

Artie D'Angelo, Jr., P.E.

Dep. Director DOTS — Eng.

914-734-1060

Town of Cortlandt

1 Heady Street

Cortlandt Manor, NY 10567



Additional Information Available

Town of Cortlandt

www.townofcortlandt.com/stormwater

www.townofcortlandt.com

Westchester County

https://planning.westchestergov.com/ environment/stormwater-management

<u>http://planning.westchestergov.com/print-</u> materials

https://health.westchestergov.com/septicsystems

NYS Dept. of Environmental Conservation

https://www.dec.ny.gov animals/50272.html





Lake Meahagh



Annual Watershed Mailing

Aug. 2019

Lake Meahagh has been classified by the NYSDEC as an impaired waterbody due to excessive phosphorus.

Over the past few years the Town has enacted various measures to help the Lake, such as:

- Public Outreach
- Installing Aeration
- Winter draw down of the lake.

However, this summer the lake is impacted by various invasive species; most notably the Eurasian water milfoil.





For more information visit the Department of Environmental Conservation's "Diet for a Small Lake"

https://www.dec.ny.gov/chemical/82123.html

HOW YOU CAN HELP

Fertilizers

- Only apply phosphorus free fertilizers or else excess phosphorus will be washed away into storm drains and streams
- Avoid applying fertilizer if rain is in the upcoming forecast
- Sweep excess fertilizer back onto your lawn and off of the street
- Test your soil to determine what your lawn really needs

http://www.dec.ny.gov/docs/water_pdf/
fertedcolor.pdf



Lawn Mowing

Consider mowing your grass at a high setting (over 2.5 inches). When you mow your lawn, direct the clippings away from the street, driveways, sidewalks, and other paved areas. Sweep to your lawn, as grass clippings are a great source of natural fertilizer.



Pet Waste

- Pick up waste and dispose of in the trash
- Do not let the waste wash away into streams and catch basins.

Pet waste has a high concentration of phosphorus. Be considerate not only to your neighbors when walking pets, but also the environment.

Onsite Septic Systems

Did you know you are required by Code to regularly pump and inspect your onsite sanitary system.

https://www.epa.gov/septic/septicsmart-homeowners

Failing septic systems are harmful to the environment and adversely effect receiving waters.