# TOWN OF CORTLANDT

# DEPARTMENT OF TECHNICAL SERVICES ENGINEERING DIVISION

Michael Preziosi, P.E. 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

Arthur D'Angelo, Jr., P.E. Deputy Director D.O.T.S – Engineering Town Board
Richard H. Becker
Debra A. Costello
James F. Creighton
Francis X. Farrell

Memorandum to: Supervisor Linda D. Puglisi &

Members of the Town Board

From: Michael Preziosi, P.E. Director DOTS

Artie D'Angelo, Jr. P.E., Dep Director DOTS

Jeff Coleman, P.E., Director DES Steve Hetman, DOTS Engineering

Rosemary Boyle Lasher, DOTS Planning

RE: Annual Stormwater Report

May 15th Town Board Agenda.

DATE: May 4, 2018

Attached please find the Draft Stormwater Phase II Annual Report which covers the reporting period of 3/09/17 - 3/09/18. This is the 16<sup>th</sup> year our Stormwater Staff Committee has prepared this required report for the Town in accordance with NYSDEC Regulations.

This is on your May 15th, TB agenda to allow public comment prior to our final submission of this Annual Report to the NYDEC prior to May 30<sup>th</sup> deadline as required by law.

In addition to the actual report which is attached, the Town Clerk and the NYSDEC will receive a list of appendices and attachments.

Thank you.

# MS4 Annual Report Cover Page

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### MS4 Annual Report Cover Page

MCC form for period ending March 9,

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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,  $\begin{vmatrix} 2 & 0 & 1 \end{vmatrix}$  8

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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	
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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	
<ul> <li>Report(s) attached to the annual report</li> <li>Web Page(s) where report(s) is/are provided below</li> </ul>	
Please provide specific address of page where report(s) can be accessed - not home	page.
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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 Measure 1. Public Education and Outreach
The information in this section is being reported (check one):
<ul> <li>○ On behalf of an individual MS4</li> <li>○ On behalf of a coalition         How many MS4s contributed to this report?     </li> </ul>
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
<ul><li>Other</li><li>2. Specific audiences targeted during this reporting period:</li></ul>
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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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
<b>D.</b> 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,				
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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>		
<ul><li>On behalf of an individual MS4</li><li>On behalf of a coalition</li></ul>				
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 # (	<b>-</b> [			
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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 UR<del>L</del>(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.	
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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?	
		(ex.: ;	 sample:	s/part.	icipant:
). 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	<sup>7</sup> 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).					
					- 1

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.
	SPDES ID
Tame of MS4/Coalition	
. 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	<b>'</b>
The information in th	is section is being	g reported (chec	ck one):			
<ul><li>On behalf of an inc</li><li>On behalf of a coal</li></ul>						
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
	-/-

wis 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 <del>D</del>
Name of MS4/Coalition	
Minimum Control Measure 6. Stormwater Manager	ment for Municipal Operations
The information in this section is being reported (check one):	
<ul> <li>○ On behalf of an individual MS4</li> <li>○ On behalf of a coalition         How many MS4s contributed to this report?     </li> </ul>	
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
<b>Operation/Activity/Facility</b>	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

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. 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?

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 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? ○ 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  $\bigcirc$  Yes  $\bigcirc$  No  $\bigcirc$  N/A **Standards?** 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 NYR20A181

Appendix A

Reporting Period 3/9/17 – 3/9/18

Summary of Public Comments received at the Town Board meeting on 5/15/18

There were none.

Intended response to comments on Annual Report –

No response needed – no comments were received.

## TOWN OF CORTLANDT NYR20A181

Appendix B

Reporting Period 3/9/17 – 3/9/18

Various Public Outreach supporting documents Earth Day, "Keeping Cortlandt Green" "Family Fun Day"

## 13th Annual Cortlandt

## FAMILY FUN DAY

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

Fireworks at 8:00 PM

**Parking at the Cortlandt Train Station** 

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



- 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 9th 2:00 PM- 8:00 PM, Fireworks at 8:00 PM

## WE ARE LOOKING FOR GREAT 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! See reverse side for volunteer information.

SEE NEXT PAGE FOR VOLUNTEER APPLICATION

Please contact the Town of Cortlandt Recreation Department with any questions at 914-734-1050 or TOCREC@townofcortlandt.com.

## **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.

The Town of Cortlandt is a regulated community and has enacted updated Town ordinances governing stormwater. To learn more, visit our website at: www.townofcortlandt.com

## 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**

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 field may damage them. Generally, septic tanks should be cleaned out every 3-5 years, depending on the size of the tank.

## **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.

## 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 914-203-0900*.

## TOWN OF CORTLANDT NYR20A181

Appendix C

Reporting Period 3/9/17 – 3/9/18

**DES/DOTS Stormwater Committee Tracking Sheets** 

## DES/DOTS Tracking Sheet for 2/2/18

Last updated 2/1/18

Name Description

## MS4 Stormwater / Drainage Projects

Revised Stormwater Ordinance strongly this would require a revision to the Code. MP said we will change our permit. 2/3/17 - EV working on it. 12/2/16 - EV working on it. 4/7/17 - MP - change Stormwater Management Plan to correspond with new permit. 3/3/17 the idea of of preventing future residential construction tying in to catch basins. Everyone felt 11/6/16 - Plan to work on it this winter. 9/09/16 - MP originates a discussion amongst all about 2/1/18 - Returning from Hold. MP says we have to update the policy. HOLD February 2019

HOLD Feb2019

Westchester County Funding \$15 Million

N

Hill. JC said that Karchi 4/7/17 - JC proceeding with repair of culvert under East Causeway. Causeway. Keeping focus on Gallows Hill. 6/6/17 - Nothing new. 5/5/17 - MP focus on Gallows it was a 2 step process design and then construction. 7/14/17 -No longer considering East to anyone 9/08/17 - MP says it is still Gallows Hillif funding is available again. JC remembered 1/12/18 - Gallows Hill is the project. 11/3/17 - MP thinks this money has not been released yet 2/2/18 - JC says NYS just came out with Bridge NY program for the Culvert Area by Karchi. OLDER NOTES AVAILABLE

East of Hudson and W&C
- 3 Projects

ယ

basins twice a year. QA is closed out. Plantings might be open. OLDER NOTES AVAILABLE projects to get public support. RBL suggested WebGIS for public outreach. MP also suggests getting money from NYCDEP to continue projects. FAD \$ might be coming to develop project. 2/2/18 JC and SF to meet with Kevin 1/12/18 - JC/SF to meet with Kevin. SF reports problems Maple Row. 9/08/17 SF told us yesterday it is on for 2019. 7/14/17 - JC set up to inspect talking to the residents sooner rather than later. Baron DeHirsh and near Dyckman/Briar. that surveying needs to go through RFP. 11/3/17 SF still on 2019 target. Recommend start MP asked where does that leave us?? SF thinks we start public outreach to residents near the

# DES/DOTS Tracking Sheet for 11/3/17

Last updated 11/3/17 at the meeting

# Name

Description

## MS4 Stormwater / Drainage

Westchester County Funding \$15 Million

then construction. 7/14/17 -No longer considering East Causeway. Keeping focus on Gallows proceeding with repair of culvert under East Causeway. OLDER NOTES AVAILABLE Hill. 6/6/17 - Nothing new. 5/5/17 - MP focus on Gallows Hill. JC said that Karchi 4/7/17 - JC Gallows Hill if funding is available again. JC remembered it was a 2 step process design and 11/3/17 - MP thinks this money has not been released yet to anyone 9/08/17 - MP says it is still

East of Hudson and W&C - 3 Projects

N

on for 2019. 7/14/17 - JC set up to inspect basins twice a year. QA is closed out. Plantings out more. OLDER NOTES AVAILABLE MP will sgin off on NOT then once that is done. 5/5/17 - SF has a meeting on Tuesday will find might be open. 6/6/17 - SF says that is proceeding with preliminary design. 2 Projects 11/3/17 SF still on 2019 target. Recommend start talking to the residents sooner rather than Mohegan Colony. Water infrastcture grands also. MP asked about close out of Quarry Acres. later. Baron DeHirsh and near Dyckman/Briar. Maple Row. 9/08/17 SF told us yesterday it is

Drainage Issue in front of Meahagh Park

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porous top. 3/3/17 - still planning on permeable pavement. 2/3/17 - AD & SF are looking into 4/7/17 - still looking to put permeable pavement, JC said this is a substantial project, just putting JP says he will talk to Peckham and think about adding a patch of pourous pavement in there. water service line. 12/2/16 - JC still looking at Peckham as a possible Spring solution. 11/6/16 - Working on it. 5/5/17 - JC no permeable pavement. More of an icing issue in the Winter 11/3/17 - Salt for now. 9/08/17 - On our list. 7/14/17 - We need a basin probably per JC. 6/6/17

Hilltop Drive off Dickerson Road

out what we are going to do there regarding pipes 5/5/17 - AD calling in Code 53 today. Then RFP. 4/7/17 - AD to start getting prices. Abbee Rose came back for PB approval, do we want come up with a game plan. Swale behind curb, underdrain etc. MP will get authorization for putting in the basin at intersection of the T. 6/6/17 - Waiting for Mark out. Surveyed it. Figure pits are scheduled for this. RFP is already authorized 7/14/17 - AD doing test holes for rock. 11/3/17 - AD doing test pits as we speak. MP Abby Rose might be back soon. 9/08/17 - Test to hold off 3/3/17 - AD still working on, needs to get RFP out. OLDER NOTES AVAILABLE AD has it all layed out there. There is lots of infrastructure there. Pipe behind the curb and

Evaluation of
Westchester Lake
(Wallace Pond) and
Westchester Lake
Dam

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grant. OLDER NOTES AVAILABLE> group. MP got authorization last year for a water quality analysis. JC mentioned NYSDEC never responded to letter from NYSDEC from Feb. LP asked MP to contact homeonwners 6/6/17 - Water Quality analysis out to bid. Marine Sauer has emaled tha tshe will send a letter to evaulation will happen per MP. Get some depths and oxy levels in water. Source polutants. HOA. Sum up grant applications. Nothing new to report on dam. 5/5/17 - MP reports that HOA W&C is out doing Water Quality Analysis. Expect results by Oct. 7/14/17 - Beth Evans is what we expected. Phosphorous nitrogen is from septic systems near the lake. 9/08/17 -NYSDEC sent letter to LP to say the town to stop working on it. MP says result of the analysis 11/3/17 - MP at the moment no lowering level of the lake. Report is back from W&C on this.

# DES/DOTS Tracking Sheet for 7/14/17

Last updated 7/13/17 - NOTE NO AUGUST DES DOTS MEETING!

Name Description

## MS4 Stormwater / Drainage

Outfalls Inspections with Insite

outfalls. Expect to be complete prior to end of June. Delvierables will include updates to GIS found. Steve H. will be going out in the field. 5/5/17 Insite is in the field and inspecting all shorten Steve H. work. 6/6/17 - 480 of the outfalls have been observed out of 650. 150 not Ask Mike if I can reach out. Nadine/Ro located "NOT FOUND" outfalls in orginal data - should 7/14 - NYSDEC is done. Insite needs to rename the files before we can upload into WebGIS.

Westchester County Funding \$15 Million

N

JC noted the public works commissioner resigned in West. County. OLDER NOTES send over Gallows Hill. Consultant firm to do reports. 12/5/16 - Nothing new. 11/6/16 Nothing MP to sit down in the next week or so. 7/10/16 - Nothing new. 6/3/16 - MP Still working on it. new. 9/09/16 - MP and EV to meet regarding County grant application projects. 8/5/16 EV and 3/3/17 - No new action, will still get funding for Gallows Hill. 2/3/17 - Mike to double check & along the road. Still moving. Very slightly.. 6/6/17 - Nothing new. 5/5/17 - MP focus on Gallows 7/14/17 -No longer considering East Causeway. Keeping focus on Gallows Hill. AD to do shots Hill. JC said that Karchi 4/7/17 - JC proceeding with repair of culvert under East Causeway.

East of Hudson and W&C - 3 Projects

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finalized letter to go to DEC, our letter was sent. 12/5/16 - SF planing 2-3 projects. Possibly really only 2 projects. Baron DeHirsh and near Dyckman/Briar. OLDER NOTES AVAILABLE nothing new, still planning on the 2 projects. Quarry Acres site visit needed. 2/3/17 - Cty has SF - mtg next week. MP suggested another site visit to Quarry Acres to close out. 3/3/17 - SF NOT then once that is done. 5/5/17 - SF has a meeting on Tuesday will find out more. 4/7/17 -6/6/17 - SF says that is proceeding with preliminary design. 2 Projects Mohegan Colony. 7/14/17 - JC set up to inspect basins twice a year. QA is closed out. Plantings might be open. Water infrastcture grands also. MP asked about close out of Quarry Acres. MP will sgin off on

## DES/DOTS Tracking Sheet for 5/5/17

last updated 5/5/17 at the meeting.

MS4 Stormwater / Drainage Name Description

Outfalls Inspections with Insite

5/5/17 Insite is in the field and inspecting all outfalls. Expect to be complete prior to end of June. Delvierables will include updates to GIS

Westchester County Funding \$15 Million

N

- Nothing new. 11/6/16 Nothing new. 9/09/16 - MP and EV to meet regarding County grant application projects. 8/5/16 EV and MP to sit down in the next week or so. 7/10/16 - Nothing culvert under East Causeway. 3/3/17 - No new action, will still get funding for Gallows Hill. West. County. OLDER NOTES AVAILABLE new. 6/3/16 - MP Still working on it. JC noted the public works commissioner resigned in 2/3/17 - Mike to double check & send over Gallows Hill. Consultant firm to do reports. 12/5/16

5/5/17 - MP focus on Gallows Hill. JC said that Karchi 4/7/17 - JC proceeding with repair of

East of Hudson and W&C - 3 Projects

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suggested another site visit to Quarry Acres to close out. 3/3/17 - SF nothing new, still projects. Baron DeHirsh and near Dyckman/Briar. OLDER NOTES AVAILABLE go to DEC, our letter was sent. 12/5/16 - SF planing 2-3 projects. Possibly really only 2 planning on the 2 projects. Quarry Acres site visit needed. 2/3/17 - Cty has finalized letter to 5/5/17 - SF has a meeting on Tuesday will find out more. 4/7/17 - SF - mtg next week. MP

Hilltop Drive off Dickerson Road

authorization. JC still needs to look up what has been done vs. what has not. 7/10/16 see what we remembers. 8/5/16 - MP would like to put it on TB agenda soon for up with Dyckman. 11/6/16 - JC to speak to Highway. 9/09/16 - JC to speak to Dyckman and get RFP out. 2/3/17 - AD went over & took pictures, wants to meet with a few contractors, test pits needed 1st. JC needs to find out more. OLDER NOTES AVAILABLE water coming from back of the house & down. 12/2/16 - JC and AD discussed. AD to follow underdrain etc. MP will get authorization for RFP. 4/7/17 - AD to start getting prices. Abbee 5/5/17 - AD calling in Code 53 today. Then come up with a game plan. Swale behind curb, Rose came back for PB approval, do we want to hold off 3/3/17 - AD still working on, needs to

Washington Acres: 24 Aida Lane (Triglia)

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6/3/16 - Needs to go out to bid. 5/6/16 - SF says Snaptight is not going to solve our problems. action. 2/3/17 - thrown back to Chris, may do in-house. 12/2/16 - SF and Pritchard met on Spring Project. OLDER NOTES AVAILABLE quote. This will be the test scenario. 3/4/16 - Snaptight and SF meeting 3/17. 2/08/16 -Nothing new 8/5/16 - Nothing new. 7/10/16 SF to work on it. New plan open replacement. trees to come down. We need to notifying neighbors because they will be impacted. 9/09/16 site. JC and Chris to follow up. Met o11/6/16 - Pritchard and SF met and looked at it. Large 5/5/17 - On the list for this year. 4/7/17 - on JC's list, rip out guys driveway. 3/3/17 - No RFP for Trigilia needed. 4/1/16 - SF had snap tight out there and will be putting together a

33 Sherwood Rd Drainage (Hartnett)

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HIghway to do. 6/3/16 - JC says we need Highway to go out and do this. 5/6/16 - JC/SF 5/5/17 - No action yet. 4/7/17 - no action. 3/3/17 - No action. 2/3/17 - still evaluating. 12/2/16 Snaptight and SF 1/15/16 - SF reaching out to Snap Tight Rep. OLDER NOTES.... Snaptight is out. 4/1/16 - Wait to see how snap tight works or doesnt' on Aida. 3/4/16 -Nothing new. 11/6/16 - Nothing new. 9/09/16 - Nothing new 8/5/16 - Nothing new7/10/16 -

## TOWN OF CORTLANDT NYR20A181

Appendix D

Reporting Period 3/9/17 – 3/9/18

Stormwater Training of Department of Environmental Services: Highway Staff



Linda D. Puglisi Town Supervisor **Town Board Members** Richard H. Becker Debra A. Costello James F. Creighton Francis X. Farrell

## TOWN OF CORTLANDT

## **Department of Environmental Services**

167 ROA HOOK ROAD CORTLANDT MANOR, NY 10567-7340 (914) 737-0100 FAX (914) 737-1655 www.townofcortlandt.com



Jeffrey C. Coleman, P.E. Director

Stephen J. Ferreira, P.E. Deputy Director

Christina Edwards Deputy Director - Administration

May 1, 2018

To:

Rosemary Boyle-Lasher

Assistant to the Director of DOTS

From:

Jeffrey C. Coleman, PE

Director of D.E.S.

Subject:

2017 Stormwater Training

On July 12, 2017 the Department conducted Illicit Discharge Detection and Elimination stormwater training at 140 8<sup>th</sup> street at 07:00. The training was led by Jeffrey C. Coleman, PE. All staff from the Highway Division participated as per the attached roster.

On August 22<sup>nd</sup> the Department conducted stormwater training at 140 8<sup>th</sup> Street. The training was led by Jack Doheny, Co. 10 employees participated in this training.



## TOWN OF CORTLANDT NYR20A181

Appendix E

Reporting Period 3/9/17 – 3/9/18

Dept. of Environmental Services Recycling Brochure Organic Waste and Proper Disposal

Complete copy available online at:

<a href="http://www.townofcortlandt.com/documents/brochures/sanitation-brochure.pdf">http://www.townofcortlandt.com/documents/brochure.pdf</a>

<a href="mailto:es/sanitation-brochure.pdf">es/sanitation-brochure.pdf</a>

## **Town of Cortlandt**

## 2018 Sanitation/Recycling Guide



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.

## TOWN OF CORTLANDT NYR20A181

Appendix F

Reporting Period 3/9/17 - 3/9/18

Cortlandt's Recreation Brochure containing stormwater pages (Public Outreach)

Complete copy available online at:
<a href="http://www.townofcortlandt.com/documents/brochures/recreation-brochure.pdf">http://www.townofcortlandt.com/documents/brochure.pdf</a>

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

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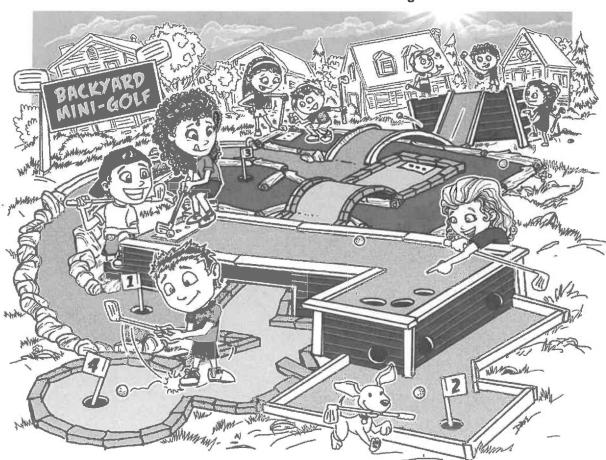
Dated Material Please Deliver Promptly

## **Postal Patron**

## Town of Cortlandt **SUMMER 2018 - Recreation Program Brochure**

Town Supervisor, Linda D. Puglisi
Town Board
Richard H. Becker Debra A. Costello James F. Creighton

Creighton Francis X. Farrell



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