MS4 Annual Report Cover Page

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

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

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Choose one:

This report is being submitted on behalf of an individual MS4.

Fill in SPDES ID in upper right hand corner.

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OR

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(Per Part II.E of GP-0-10-002)

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OR

This is a joint report being submitted on behalf of a coalition.

Provide SPDES ID of each permitted MS4 included in this report. Use page 2 if needed.

Name of Coalition		
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MS4 Annual Report Cover Page

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

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

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MS4 Municipal Compliance Certification(MCC) Form

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

		SPD	ES I	D						
Name of MS4 TOWN OF KIRKLAND		N	Y	R	2	0	Α	1	7	5
Each MS4 must submit an MCC form.										
Section 1 - MCC Identification Page										
Indicate whether this MCC form is being submitted to certify endorsement	nt or ac	cept	tanc	e o	f:					
● 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 be	oinding	agı	reen	nei	ıts.					
If Joint Report, enter coalition name:										

MS4 Municipal Compliance Certification(MCC) Form

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

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Name of MS4 TOWN OF KIRKLAND	N	Y	R	2	0	A	1	7	5

Section 2 - Contact Information

Important Instructions - Please Read

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

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

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

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

For each contact, select all that apply:

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

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MS4 Municipal Compliance Certification (MCC) Form

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

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Partner/Co	oalition	Nar	ne (c	con't	t.)]						- If	app	lica	ble
Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period? ☐ Yes ☐ No If Yes, complete information below. Submit a separate sheet for each partner. Information provided in other formats will not be accepted. If your MS4 cooperated with a coalition, submit one sheet with the name of the coalition. It is not necessary to include a separate sheet for each MS4 in the coalition. If No, proceed to Section 4 - Certification Statement. Partner/CoalitionName H e r k																													
If Yes, complete information below. Submit a separate sheet for each partner. Information provided in other formats will not be accepted. If your MS4 cooperated with a coalition, submit one sheet with the name of the coalition. It is not necessary to include a separate sheet for each MS4 in the coalition. If No, proceed to Section 4 - Certification Statement. Partner/CoalitionName Here coalitionName Statement Partner/CoalitionName(con't.) SPDES Partner ID - If applicable N Y R 2 0 Address 3 2 1 Main Street City Utical State Zip Utical Name(con't.) Education Statement Phone (3 1 5) 7 9 8 - 5 7 1 0 Legally Binding Agreement in accordance with GP-0-08-002 Part IV.G.? ○ Yes ● No																													
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If Yes, complete information below. Submit a separate sheet for each partner. Information provided in other formats will not be accepted. If your MS4 cooperated with a coalition, submit one sheet with the name of the coalition. It is not necessary to include a separate sheet for each MS4 in the coalition. If No, proceed to Section 4 - Certification Statement. Partner/CoalitionName Here Indicated a condition of the coalition																													
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MS4 Municipal Compliance Certification(MCC) Form

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

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Name of MS4 TOWN OF KIRKLAND	N	Y	R	2	0	Α	1	7	5

Section 4 - Certification Statement

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

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

First Name	MI	Last Name
R o b e r t		M e e 1 a n
Title (Clearly print title of individual signing report)		
Supervisor		
Signature		Date
		0 5 / / 2 0 1 6

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

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} 1 \begin{vmatrix} 6 & 0 \end{vmatrix}$

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On beh	this MS4/Coalition produced any reports documenting watered to stormwater? If not, answer No and proceed to Minimum. Hoose one of the following (s) attached to the annual report																												
relat	half of a coalition flow many MS4s are contributed to this report? this MS4/Coalition produced any reports documenting water question to stormwater? If not, answer No and proceed to Minimum ethoose one of the following t(s) attached to the annual report Page(s) where report(s) is/are provided below														_	•			easi			0	No						
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O Web P	Has this MS4/Coalition produced any reports documenting water quality trends related to stormwater? If not, answer No and proceed to Minimum Control Measure One. Yes, choose one of the following Report(s) attached to the annual report Web Page(s) where report(s) is/are provided below Please provide specific address of page where report(s) can be accessed - not home page.														÷.														
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This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} 1 \begin{vmatrix} 6 & 1 \end{vmatrix}$

Name of MS4/Coalition TOWN OF KIRKLAND	N Y R 2 0 A 1 7 5
Minimum Control Measure 1. Public Ed	ucation 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 Manageme	ent Practices
Check all topics that were included in Education and Outreach d	uring this reporting period:
○ Construction Sites	O Pesticide and Fertilizer Application
O General Stormwater Management Information	O Pet Waste Management
O Household Hazardous Waste Disposal	○ Recycling
O Illicit Discharge Detection and Elimination	O Riparian Corridor Protection/Restoration
○ Infrastructure Maintenance	○ Trash Management
○ Smart Growth	O Vehicle Washing
○ Storm Drain Marking	O Water Conservation
○ Green Infrastructure/Better Site Design/Low Impact Development	O Wetland Protection
○ Other: □ □ Other	○ None
2. Specific audiences targeted during this reporting period:	
○ Public Employees ○ Contractors	
○ Residential ○ Developers	
○ Businesses ○ General Public	
○ Restaurants ○ Industries	
○ Other: ○ Agricultural	
Other	

This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} 1 \begin{vmatrix} 6 & 1 \end{vmatrix}$

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	TOWN O	F KIR	RKLA	AND													N	Y	R	2	0	Α	1	7	5
3. What strategies this reporting p	_								e to	ac	hie	eve	edı	uca	tio	n a	nd	ou	tre	ach	go	als	du	rin	ıg
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O Direct Mailings																	#	Ma	ilin	gs					
O Kiosks or Other Di	erves ng List paper Ads or Articles																# :	Loc	atio	ns					
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This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} 1 \begin{vmatrix} 6 & 1 \end{vmatrix}$

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This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix}$ 1 6

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

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Name of MS4/Coalition	TOWN OF KIRKLAND	N	Y	R	2	0	Α	1	7	5

4. Evaluating Progress Toward Measurable Goals MCM 1

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

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

The Town utilized its website to provide outreach materials to residents throughout the year about stormwater and green infrastructure. Videos from the Planning Department are available on their website to address illicit discharges and stormwater pollution prevention plans. Codes and Highway personnel work closely with members of the community to address issues related to new construction and redevelopment. The Mohawk River Basin's Watershed Management Plan is

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

The Town's Annual Report was posted on our website for public viewing. The SWCD was able to train approximately 140 local contractors using DEC's 4 hour erosion and sediment control course. Training was also made available to the public and public officials for stream management which includes information about establishment of riparian buffers. The Nassau County SWCD's stormwater video will be linked to our website. In addition, the SWCD's Facebook page will have

C. How	nany times wa	as this obse	rvation meas	sured or eval	luated in this	reporting period?
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		1 2	
	(ex.: samples/par	ticipants/events	;)
D. Has your MS4 made progress toward this Measurable Goal during this r	eporting perio	d?	
	Yes	◯ No	
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?	Yes	⊘ No	

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

Continue to work with residents, landowners and contractors to address ongoing stormwater management issues that affect both quantity and quality of water. Make strong efforts through public workshops and printed materials to ensure that new development complies with our local laws regarding stormwater and erosion and sediment control.

This report is being submitted for the reporting period ending March 9, $\begin{bmatrix} 2 & 0 \end{bmatrix}$ 1 $\begin{bmatrix} 6 & 1 \end{bmatrix}$

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 TOWN OF KIRKLAND					N	Y	R 2	2 0	A	1	7	5			
Minimum Control Measure 2.	Public In	vol	ven	<u>1en</u>	t/P	<u>art</u>	icip	ati	<u>on</u>						
The information in this section is being reported (chec	k one):														
On behalf of an individual MS4 On behalf of a coalition	a 🗔		7												
How many MS4s contributed to this r	report?														
1. What opportunities were provided for public development, evaluation and improvement (SWMP) Plan during this reporting period?	of the Storn	nwa	ter]	Mai	ag			,	grar	n					
○ Cleanup Events						#Ev	ents					1			
O Comments on SWMP Received					# C	omm	ents					0			
O Community Hotlines	e # (
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○ Storm Drain Markings						#Dı	ains								
O Stakeholder Meetings					# A	Atten	dees				2	5			
O Volunteer Monitoring						#Ev	ents								
Other:															
2. Was public notice of availability of this ann Program (SWMP) Plan provided?	ual report a	and	Stor	mw	ate	er M	lana		nen Ye		0	No			
○ List-Serve						# In	List								
O Newspaper Advertising					#]	Days	Run								
○ TV/Radio Notices					#]	Days	Run								
Other:															
O Web Page URL: Enter URL(s) on the following	two pages.														

URL

URL

Name of MS4/Coalition TOWN OF KIRKLAND

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, $\begin{bmatrix} 2 & 0 & 1 \end{bmatrix}$ 6

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

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This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} \begin{vmatrix} 1 & 6 \end{vmatrix}$

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Name of MS4/Coalition TOWN OF KIRKLAND

MS4 Annual Report Form

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

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This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} 1 \begin{vmatrix} 6 & 1 \end{vmatrix}$

	SPDES ID
Name of MS4/Coalition TOWN OF KIRKLAND	N Y R 2 0 A 1 7 5
4.a. If this report was made available on the internet, what dat	e was it posted?
Leave blank if this report was not posted on the internet.	0 5 / 3 1 / 2 0 1 6
4.b. For how many days was/will this report be posted?	3 6 5
If submitting a report for single MS4, answer 5.a If submitting	ng a joint report, answer 5.b
5.a. Was an Annual Report public meeting held in this reporting If Yes, what was the date of the meeting?	ng period?
If No, is one planned?	
5.b. Was an Annual Report public meeting held for all MS4s c this reporting period?	ontributing to this report during Yes No
If No, is one planned for each?	O Yes O No
6. Were comments received during this reporting period? If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.	♥Yes ♥No

This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 & 1 \end{vmatrix}$ 6

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

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Name of MS4/Coalition	TOWN OF KIRKLAND	N	Y	R	2	0	A	1	7	5

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.

A variety of public participation activities occurred in the reporting period. These included stream cleanup events; community cleanup events; public meetings; and annual report review. The annual report and the SWMP were made available for public viewing on our website. In addition, we also posted newsletter articles regarding stormwater on our website.

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

The Town partnered with Hamilton College to reactivate the stream cleanup program in the Oriskany Watershed including St. Marys Brook and Sherman Brook and White Creek. The annual report will remain available on our website for public comments throughout the year. We also present our annual report at our May public meeting.

C. How many times was this observation measured or evaluated in this re	eporting period?
	(ex.: samples/participants/events
D. Has your MS4 made progress toward this measurable goal during this	
	Yes O No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP	?
•	
F. Briefly summarize the stormwater activities planned to meet the goals	of this MCM during

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

Utilize funding from state and local sources to improve stormwater management in the St. Mary's Brook watershed. Phase II of the county-funded plan will incorporate green infrastructure practices such as porous pavement. The SWCD will also be working with a graduate student from the University of New England to engage students, business owners and residents on stormwater related issues.

This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} 1 \begin{vmatrix} 6 & 0 \end{vmatrix}$

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3.a.What types of g reporting period	•	ing s	sites/	'sev	ver	she	eds	wei	re ta	rge	ete	ed fo	r ins	spe	ctio	n d	luri	ing	th	is	•		_
O Auto Recyclers							0	Laı	ndsca	pir	ng	(Irrig	atio	n)									
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O Churches							0	Me	tal P	late	ein	g Op	erati	ons									
O Commercial Ca	rwashes						0	Ou	tdooi	· Fl	uic	1 Sto	rage										
O Commercial Law	undry/D	ry C	leane	rs			0	Par	king	Lo	ot I	Maint	enar	ice									
○ Construction Ve	ehicle W	ashc	outs				0	Pri	nting	;													
O Cross-Connection	ons						0	Res	siden	tial	C	arwa	shin	g									
O Distribution Cen	nters						0	Res	staur	ant	S												
○ Food Processing	g Facilit	ies					0	Scł	nools	an	d	Unive	ersiti	es									
O Garbage Truck	Washou	ts					0	Sep	otic l	Mai	inte	enanc	e										
O Hospitals							0	Sw	imm	ing	Po	ools											
○ Improper RV W	aste Dis	sposa	1				0	Vel	hicle	Fι	ıeli	ing											
O Industrial Proce	ss Wate	r					0	Vel	hicle	Ma	ain	t./Re	pair	Sho	ps								
Other:							0	No	ne														_
O Sewersheds:																							_

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

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O Broken Lines From	n Sanitar	y Sewe	er		0	Ind	ustr	ial	Co	nne	ctio	ns											
O Cross Connections	3				0	Infl	ow/	/Infi	ltra	tio	n												
○ Failing Septic Sys	tems				0	Pur	np S	Stat	ion	Fai	ilur	e											
O Floor Drains Conn	ected To	Storm	sew	ers	0	San	itar	y S	ewe	er C)vei	rflo	WS										
O Illegal Dumping					0	Stra	aigh	ıt Pi	pe	Sev	ver	Dis	cha	rge	S								
Other: 4. How many illie	rit disch	arges	/pote	entia		Noi		onn	ect	ior	ıs h	nav	e be	een	de	etec	ted	l dı	ırin	ng f	his		
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6. How many illicoperiod?7. Has the storm	sewersh	ied ma	appi	ng b	een	col	mpl	lete	d i	n tl	his	rej	or	tin	g p	eri				Ye			1 No
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This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 & 1 & 6 \end{vmatrix}$

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Name of MS4/Coalition	n TOWN OF KIRKLAND		N Y R	2 0 A 1 7 5
12. Evaluating Pro	ogress Toward Measural	ble Goals MCM 3		
**				
	port on your progress and		_	_
•	Stormwater Management I litional pages as needed.	Program Pian (5 w wi	PP), including requir	ements in Part
III.C.1. Sublint add	ittoliai pages as needed.			
A. Briefly summa	rize the Measurable Go	al identified in the S	SWMPP in this repo	orting period.
Educate residents a	and business owners abou	it the importance of r	proper waste disposa	L HOCCPP's
	e training regarding IDDE			
	ter quality issues related t	to IDDE and stormwa	ater runoff that are a	ffecting the
Mohawk River.				
R Reiofly summer	rize the observations tha	at indicated the ever	rall affactivances of	thic Massurabla
Goal.	rize the observations tha	at mulcated the over	ran effectiveness of	uns Measurable
There was one illic	cit discharge identified in	the Town during the	reporting period fro	m neighbors
1	cice rink. The source was	_	1 01	
C. How many tim	nes was this observation	measured or evalua	ted in this reportin	g period?
			(ex.	samples/participants/event
D. Has your MS4	made progress toward t	this measurable goa	l during this report	ing period?
·	1 0	J	3 1	Yes O No
E. Is your MS4 or	n schedule to meet the de	eadline set forth in t	the SWMPP?	
Ü				Yes No
F. Briefly summa	rize the stormwater acti	vities planned to mo	eet the goals of this	MCM during
the next report	ting cycle (including an i	implementation sch	edule).	
Continue to educat	te residents and landowne	ers about illicit discha	rge regulations. Mor	nitor illicit
	stormsewer system through			
maps.		-	-	

This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} 1 \begin{vmatrix} 6 & 1 \end{vmatrix}$

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

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Name of MS4/Coalition	TOWN OF KIRKLAND	N	Y	R	2	0	A	1	7	5

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

	Construction Site and Post-Construction Control	
The	e information in this section is being reported (check one):	
	On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to this report?	
1a.	.Has each MS4 contributing to this report adopted a law, ordinance or other regulator mechanism that provides equivalent protection to the NYS SPDES General Permit for Stormwater Discharges from Construction Activities?	•
1b	.Has each Town, City and/or Village contributing to this report documented that the la equivalent to a NYSDEC Sample Local Law for Stormwater Management and Erosio Sediment Control through either an attorney certification or using the NYSDEC Gap Analysis Workbook?	n and
	If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law. © 09/2004 © 03/2006	©NT
2.	Does your MS4/Coalition have a SWPPP review procedure in place?	⊘ No
	How many Construction Stormwater Pollution Prevention Plans (SWPPPs) have been reviewed in this reporting period?	l
4.	Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs?	© 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 loc SWPPP process?	_

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	#		0	O No Authority
O Stop Work Orders	#		0	O No Authority
O Criminal Actions	#			O No Authority
○ Termination of Contracts	#			O No Authority
O Administrative Fines	#		0	O No Authority
O Civil Penalties	#			O No Authority
O Administrative Orders	#		0	O No Authority
O Enforcement Actions or Sanctions	#		0	
Other	#			O No Authority

public review?

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} 1 \begin{vmatrix} 6 & 1 \end{vmatrix}$

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

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Name of MS4/Coalition TOWN OF KIRKLAND	N Y	R	2	0 A	1	7 5
Minimum Control Measure 4. Construction Site Storms	wate	r Ru	<u>ıno</u>	ff Co	<u>ntr</u>	<u>ol</u>
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 disturbation during this reporting period?	ances	of o	ne a	acre oi	r me	ore 2
2. How many construction projects disturbing at least one acre were during this reporting period?	activ	e in ː	you	r juris	sdic	tion 2
3. What percent of active construction sites were inspected during th	is rep	orti	ng Į		_	ONT 0 %
4. What percent of active construction sites were inspected more than	n onc	e?				
5. Do all inspectors working on behalf of the MS4s contributing to the Construction Stormwater Inspection Manual?	nis rep			the N		_) Tn
6. Does your MS4/Coalition provide public access to Stormwater Pol (SWPPPs) of construction projects that are subject to MS4 review	and a	appr	ova			_

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

If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for

Yes No

This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} 1 \begin{vmatrix} 6 & 1 \end{vmatrix}$

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This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix}$ 1 6

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

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Name of MS4/Coalition TOWN OF KIRKLAND		N Y	R	. 2	2 0	A	1	7	5

7. Evaluating Progress Toward Measurable Goals MCM 4

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

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

Highway and Codes staff receive training on site plan review and construction site inspections as well as stormwater regulation updates. The Town has reached out to developers to ensure that they are aware of the regulations for erosion and sediment control and stormwater on a construction site. Developers are directed to the SWCD office to ask and answer questions about E&S and stormwater for their sites. In addition, approximately 140 contractors and engineering staff received the 4 hour

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

A solar panel site may be installed in the Town of Kirkland on land adjacent to the Village's WWTP. The SWPPP is in the development process as of this writing. Recent clearing activity on Kirkland Ave is currently being investigated by the Codes department. Outreach to the developer has been initiated to ensure that all parties are aware of the stormwater regulations for disturbances that equal or exceed 1 acre.

C. How many times was this observation measured or evaluated in this rep	orting period?
	4
	(ex.: samples/participants/events
D. Has your MS4 made progress toward this measurable goal during this r	reporting period?
	Yes O No
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?	
	Yes No
F. Briefly summarize the stormwater activities planned to meet the goals o	f this MCM during
the next reporting cycle (including an implementation schedule).	G

Continue to work with landowners and contractors to enact sound BMPs on construction sites. Impending development related to the completion of the Nanocenter will undoubtedly result in an influx of development in the Utica Urbanized area. Planning and Zoning staff will receive a refresher course on site plan review to ensure that stormwater regulations are understood and properly enforced.

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

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

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Name of MS4/Coalition	TOWN OF KIRKLA	ND		N	IY	R 2	0 A	1	7 5
Minimum	Control Mea	sure 5. Post	-Constructio	on Stormy	vater	· Ma	nagei	<u>mer</u>	<u>1t</u>
The information in the		g reported (chec	ck one):						
On behalf of an ind On behalf of a coa How m	lition lition lany MS4s contr	ributed to this:	report?						
1. How many and	•			 nagement p	ractic	es ha	s your		
MS4/Coalition i	nventoried, insp	ected and mair #	ntained in this ro	eporting per # Times	riod?				
		Inventoried	Inspections	# Times Maintaine	d				
O Alternative Practic	ees								
O Filter Systems		1	1	1					
O Infiltration Basins									
Open Channels									
○ Ponds		3	3	3					
O Wetlands									
Other									
2. Do you use an BMPs, inspecti			abase, spreads	heet) to trac	ck po	st-co	nstruc Ye		ı O No
3. What types of Development/E		-		-	Low	Imp	act		
O Building Codes	O Municipal C	omprehensive P	lans						
Overlay Districts	Open Space	Preservation Pro	ogram						
○ Zoning	O Local Law o	r Ordinance							
○ None	O Land Use Re	egulation/Zoning	9						
O Watershed Plans	Other Comp	rehensive Plan							
Other:									

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

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Name of MS4/Coalition TOWN OF KIRKLAND	N	YR	2	0 A	1	7	5
4a. Are the MS4s contributing to this report involved in a regional/water	ershed v	vide pl	ann	ing ef			No
4b. Does the MS4 have a banking and credit system for stormwater man	nageme	nt pra	ctic	es?	es		No
4c. Do the SWMP Plans for each MS4 contributing to this report include and approval of banking and credit of alternative siting of a stormw	_				tice	?	No
4d. How many stormwater management practices have been implement reporting period?	ed as p	art of	this	syster	n in	thi	İS
5. What percent of municipal officials/MS4 staff responsible for progretraining on Low Impace Development (LID), Better Site Design (BSI Infrastructure principles in this reporting period?	_				endo 2	ed	%

This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 & 1 \end{vmatrix}$ 6

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

		SPL	<u> DES</u>	ID						
Name of MS4/Coalition	TOWN OF KIRKLAND	N	Y	R	2	0	A	1	7	5

6. Evaluating Progress Toward Measurable Goals MCM 5

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

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

All SWPPs are reviewed by the SWCD and our engineering department to identify potential issues with erosion and sediment and stormwater managementl. Our Codes officer conducts construction inspections throughout the process in order to gage compliance with our local stormwater regulations. Ensure that monitoring and maintenance occur on a scheduled basis to ensure longevity of the practice.

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

The solar panel array SWPPP is in the process of being reviewed. The array is planned on Town land but is a joint project between the Town of Kirkland and Village of Clinton.

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

				4	
samp	les/	parı	tici	pant	s/events

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

(ex.:

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

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).

Continue to log and monitor all stormwater related practices in the MS4 and ensure that maintenance occurs at the 50% capacity of the practice. The St. Mary's Brook watershed restoration project will incorporate many green infrastructure elements including streambank stabilization, riparian buffer installation, green space conservation and wetlands creation.

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

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

CDDEC ID

Self-Assessment

			OI L	LO	ıD						
Name of MS4/Coalition	TOWN OF KIRKLAND		N	Y	R	2	0	A	1	7	5
Minimum Cont	rol Measure 6. Stormwater Manage	ment fo	<u>r N</u>	<u>Iu</u>	nic	<u>ip</u>	al	<u>Or</u>	<u>er</u>	ati	<u>ons</u>

The information in this section is being reported (check one):		
On behalf of an individual MS4 On behalf of a coalition		
How many MS4s contributed to this report?		

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

Operation/Activity/Facility performed within the past 3 Addressed in SWMP? **Operation/Activity/Facility** Street Maintenance..... Yes ○ No • Yes O No Bridge Maintenance..... • Yes ○ No ○ Yes O No O No Winter Road Maintenance.....

Yes ○ No ○ Yes Salt Storage..... • Yes O No O Yes O No Solid Waste Management...... • Yes ○ No ○ Yes O No O No Yes O No New Municipal Construction and Land Disturbance.. • Yes O No Yes O No Right of Way Maintenance..... • Yes No Yes No Marine Operations...... O Yes O No Hydrologic Habitat Modification..... Yes ○ No ○ Yes O No Yes O No Parks and Open Space..... Yes ○ No · Yes Municipal Building..... • Yes O No **○** No **○** Yes O No Stormwater System Maintenance......

Yes O No Yes O No Vehicle and Fleet Maintenance.....

Yes Other...... OYes O No O Yes O No

This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} 1 \begin{vmatrix} 6 & 1 \end{vmatrix}$

	SPI	DES ID)				
Name of MS4/Coalition TOWN OF KIRKLAND	N	YR	2	0 A	1	7	5
2. Provide the following information about municipal operations g	ood h	ousek	еер	ing p	rog	ran	1S:
O Parking Lots Swept (Number of acres X Number of times swept)		# Ac	res			1	0
O Streets Swept (Number of miles X Number of times swept)		# Mi	les			3	2
O Catch Basins Inspected and Cleaned Where Necessary			#			2	0
 Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary 			#				3
O Phosphorus Applied In Chemical Fertilizer		# L	bs.				
O Nitrogen Applied In Chemical Fertilizer		# L	bs.				
O Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number times applied to the nearest tenth.)		# Acre	s			[
3. How many stormwater management trainings have been provide during this reporting period?	ed to	muni	cipa	ıl emj	oloy	ees	1
4. What was the date of the last training?	0 3	/ 0	3	/ 2	0	1	6
5. How many municipal employees have been trained in this report	ting p	eriod	?				2
6. What percent of municipal employees in relevant positions and ostormwater management training?	depar	tmen	ts re	eceive	3	0	%

This report is being submitted for the reporting period ending March 9, $\begin{vmatrix} 2 & 0 \end{vmatrix} \begin{vmatrix} 1 & 6 \end{vmatrix}$

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

	SP	DES	ID.						
Name of MS4/Coalition TOWN OF KIRKLAND	N	Y	R	2	0	Α	1	7	5

7. Evaluating Progress Toward Measurable Goals MCM 6

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

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

Continue to train municipal employees, particularly from the public works/highway and parks departments about Best Management Practices that protect water quality. Practices to focus upon include sand and salt storage and application, vehicle washing and stream maintenance. Spill response training was provided at the annual MS4 meeting and incorporated into the 4 hour E&S presentations.

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

Training held at the SWCD facility on March 3, 2016 to address changes in the DEC permits and reference materials. Program presented by Rich Coriale and Kate Smith of NYSDEC. In addition, stream management trainings held during the reporting period addressed BMPs to restore riparian buffers on eroding streambanks.

C. How many times was this observation measured or evalu	ated in this reporting period?
	(ex.: samples/participants/events)
D. Has your MS4 made progress toward this measurable go	oal during this reporting period?
	Yes O No
E. Is your MS4 on schedule to meet the deadline set forth in	the SWMPP?
F. Briefly summarize the stormwater activities planned to n	neet the goals of this MCM during
the next reporting cycle (including an implementation sci	hedule).

Utilize state and local funding to install BMPs to address stormwater management on public lands and infrastructure. A proposed three sided culvert on Norton Ave is hoped to reduce flooding in the Town. We recently completed a similar project on Grant Road which is a demonstration project for other three sided structures in the area. These structures improve fish passage and stream stability.

			leave SPDES ID blank.	
			SPDES ID	
e of MS4/Coalition			N Y R 2 0	
A J J:4: am al XX/a4 a		of Christians Deat Ma	D4:	
Additional water	<u>rsnea Improvemen</u>	nt Strategy Best Ma	nagement Practices	
information in this section	n is being reported (check	cone):		
n behalf of an individual land behalf of a coalition	MS4			
	4s contributed to this re	eport?		
,		1		
4s must answer the qu	estions or check NA a	s indicated in the table	e below.	
MS4 Description	Answer	Check NA	(POC)	
NYC EOH Watershed	-	-	-	
aditional Land Use aditional Non-Land Use	1,2,3,4,5,6,7a-d,8a,8b,9 1,2,3,4,7a-d,8a,8b,9	10,11,12 5,10,11,12	Phosphorus Phosphorus	
n-Traditional	1,2,77a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus	
Onondaga Lake Watershed	-	-	-	
aditional Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus	
nditional Non-Land Use n-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-d,8a,9	2,3,4,3,80,10,11,12	Pnospnorus	
aditional 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	
n-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus	
Oyster Bay	-	-	-	
aditional Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens	
aditional Non-Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens	
n-Traditional Peconic Estuary	1,4,7a-d,9	2,3,4,5,8a,8b,10,11,12	Pathogens	
aditional Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen	
aditional Non-Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen	
n-Traditional	1,4,7a-d,8a,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen	
Oscawana Lake Watershed	-	-	-	
aditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus	
	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus	
nditional Non-Land Use		2,3,5,8b,10,11,12	Phosphorus	
nditional Non-Land Use n-Traditional	1,4,6,7a-d,8a,9			
nditional Non-Land Use n-Traditional LI 27 Embayments	-	-	- Pathogens	
nditional Non-Land Use n-Traditional	1,4,6,7a-d,8a,9 - 1,2,3,4,7a-d,9,10,11,12 1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b 5,6,8a,8b	Pathogens Pathogens	

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. Y R 2 0 Name of MS4/Coalition 3. Does your MS4/Coalition have a Stormwater Conveyance System (infrastructure) Inspection and Maintenance Plan Program? OYes ONo ON/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? OYes ONo ON/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 OYes ONo ON/A **Standards?** 7a. Does your MS4/Coalition have a retrofitting program to reduce erosion or phosphorus/nitrogen/pathogen loading? OYes ONO ON/A 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? 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? OYes ONO ON/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? OYes ONO ON/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?

Yes ONO ON/A

10. Has your MS4/Coalition enacted a local law prohibiting pet waste on municipal properties and prohibiting goose feeding?

OYes ONO ON/A

11. Does your MS4/Coalition have a pet waste bag program?

OYes ONO ON/A

OYes ONo ON/A