

Vincent Sapienza, P.E. Commissioner

Paul V. Rush, P.E.
Deputy Commissioner
Bureau of Water Supply
prush@dep.nyc.gov

P.O. Box 358 Grahamsville, NY 12740 T: (845)340-7800 F: (845)334-7175 November 30, 2017

Ethan Sullivan MS4 Permit Coordinator Division of Water 4th Floor 625 Broadway Albany, NY 12233-3505

Re: New York City Department of Environmental Protection, MS4 Interim Report Submittal

Dear Mr. Sullivan

Pursuant to the requirements of the New York State Department of Environmental Conservation (NYSDEC) SPDES General Permit for Storm Water Discharges from Municipal Separate Storm Sewer Systems (MS4), we are transmitting to you the attached documents as summarized below:

• MS4 Interim Report

If you require any additional information or clarification, please do not hesitate to contact me at (845) 334-7185 or rbogart@dep.nyc.gov.

Sincerely

Ron Bogart

Chief, Compliance & Technical

Services

Attachments

c: Matt Giannetta, Chief, Regulatory & Engineering Programs, BWS Mike Meyer, Section Chief, Community Planning, BWS

/44	6993	<u>Progress Re</u>	eport for Part IX.A									
Per	mit#	NYR20A529	Watershed Name East of Hudson									
MS	4 Nam	e NYCDEP East of Hudson BWS	Reporting Period Ending (mm/dd/yyyy)									
Wa	tersl	ned Improvement Strategy										
	Inclu		charge of phosphorous to this waterbody. en identified and any modifications to the									
DEP's strategy to reduce phosphorus utilizes employee training and continued mainte our facilities. DEP Investigates and ensures that spills (sewage, motor vehicle accide occur within the watershed with the potential to affect DEP lands or reservoirs are prograddressed. Retrofitting is pursued within the Croton watershed.												
		doned structures within the Croton wa	identified. DEP has commenced demolition of atershed, returning the property back to a natural									
<u>Pu</u>	blic	Education & Outreach										
1.	Desc	ription of the education program										
	MS4, chemical and petroleum bulk storage program training is conducted with employees on an annual basis. Educational materials on phosphorus are available to the public on the DEP MS4 webpage and at four locations in the watershed. DEP prepares two different newsletters for its employees titled "Pipeline" and "Tributary" which focus on watershed protection and activities. DEP distributes newsletters to the public on watershed protection and activities.											
2.	Who	is the target audience and what is	the message delivered to each target audience?									
	The target audience is employees and the general public. The message delivered is protection of water quality through proper maintence of facilities, detecting and eliminating spills, proper land management and appreciation of the water resources.											
3.		ify how many educational materials buted	s have been developed and									
4.	Identify how many educational materials have been developed and distributed that focus on:											
	a. u	nderstanding the Phosphorous iss	ues <u>4 5</u>									
	b. S	eptic systems as a source of Phos Non-Tradition										
	c. F	hosphorous concerns with fertilize	er use 6 2									
		hosphorous concerns with rass clippings and leaves entering	the MS45_8									
	e. C	Construction sites as a source of Ph	hosphorus 5 5									

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f. Phosphorous concerns with detergent use

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PE	RMIT # NYR20A529
5.	Education plan and goals for the next 6 months
	Continued distribution of literature through DEP and pubic events and DEP's MS4 website. DEP employees will continue to participate in events such as local fishing days, sportsman expo, and reservoir clean up days.
<u> </u>	cit Discharge Detection and Elimination
	Non-Traditional MS4 (Skip Question 6-6e) Number of On-Site Wastewater Treatment Systems (OWTS) with a design capacity of less than 1000 gpd that are located in sewersheds that drain to the listed waterbody
	a. Number of OWTS inspected in this reporting
	b. Number of OWTS in need of maintenance or rehabilitation
	c. Number of OWTS where maintenance or rehabilitation has been
	performed in this reporting period. d. State the plan for OWTS that have not been addressed in 6c this reporting period
	e Describe the OWTS inspection program: Who is responsible for performing OWTS inspections? (eg:Septage Haulers, DOH, engineer, consultant); What methods are used? Are there trends in systems that need maintenance vs systems that need rehabilitation?
7.	Number of Illicit Discharges detected within sewershed of listed waterbody in this0
	reporting period. a. Number reported in 7 that have been eliminated 0
	b. List of Illicit Discharge locations that have not been eliminated in this reporting period and the target date for elimination
	Location Target Date (mmddyyyy)

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PE	RMI	T # NYR20A529										
		Location	Target Date (mmddyyyy)									
Co	ns	truction Site Stormwater Runoff Control										
		Non-Traditional MS4 (Skip Question 8) mber of SWPPPs reviewed and approved during t	his reporting period									
9.	Number of active construction sites within sewersheds of impaired waterbody during this reporting period:											
	a. Number of sites reported in 9 that are between 5000 sqft and 1 acre											
	b. Number of sites inspected in this reporting period											
	c. Number of sites in need of corrective action											
	d. Number of sites where corrective action was completed in this reporting period											
	e.	Discuss inspections. Discuss trends that may hav period. State reasoning for not inspecting all activ										
	Ad	ctive construction sites are inspected weekly and follow NYS	DEC inspection protocol									
10.	Co	nstruction Site Stormwater Runoff Control plan and	d goals for the next 6 months									
	Co	ontinue inspections per NYSDEC requirements.										
Po	st	Construction Stormwater Management										
11		umber of Stormwater Management Practices (SMP at drain to the listed waterbody	s) located in sewersheds									
	a.	Number reported in 11 that have been inspected	in this reporting period 11									
	b.	Number of SMPs in need of maintenance or reha	bilitation 5									
	C.	Number of SMPs where maintenance or rehability in this reporting period.	ation has been performed 5									
	d.	Number of SMPs where phosphorous pollutant pr	roblems have been 7									
	e.	identified. Number reported in 11d where the pollutant probl	em has been addressed. 7									
	f.	Who is responsible for performing SMP inspection	ns?									
	D	EP Regulatory and Operations staff perform SMP Inspections	;									

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PEF	# TIMS	NYR20A529	
		he criteria in Ch 5, 6, and 10 of the NYS Stormwater Management Design nual being applied? (If no, please describe deviations)	Y N
	h Sta	te procedures to identify sites with post construction controls that are not	
		ctioning as designed (ie, rill erosion, pollutant bypass)?	
	Sites v	which are not functioning properly are directed to field operations staff for correctives.	е
	retrofits	pe the retrofit program. Include the funding sources and design description is. Identify all retrofits that have been constructed and maintained during thing period.	
	Fundin	retrofit program goal is to reduce phosphorus loading by 10kg/yr by November 20 og for the retrofits are secured through the City's capital and expense budget. DEF eted projects in the Croton Falls Reservoir watershed and in Sycamore Park in the mel. Hydrodynamic separators are also in operation at DEP facilities Shaft's 9 and	o Town
13.	Post-C	onstruction Stormwater Management plan and goals for the next 6 months	3
	During	fall and early winter 2017, pond and outfall inspections shall be completed.	
		al Operations Pollution Prevention/Good Housekeeping	
14.	Numbe	n-Traditional MS4 (Skip Question 14) er of catch basin and manhole sumps within sewersheds discharging to	
	listed v a. Nu	vaterbodv mber reported in 14 that have been inspected in this reporting period	
	b. Nu	mber reported in 14a cleaned in this reporting period	
	Numbe	er of conveyance system outfalls within sewersheds discharging to listed ody	4.7
	a. Nu	mber reported in 15 that have been inspected in this reporting period.	1
	b. Nu	mber reported in 15a maintained in this reporting period.	1
	c. Nu	mber reported in 15a repaired in this reporting period.	1
		nt by weight in pounds of turf fertilizer containing phosphorous that was don municipally owned lands in this reporting period.	0
		be turf management practices implemented during this reporting period. e strategies implemented to introduce native plants to reduce fertilization owing	
	1	mowed at various DEP facilities, but fertilizer is not used. Native plants and trees d in the stormwater practices and elsewhere in the watershed	are

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MS4 Semi Annual Report Form Certification

Semi Annual Report form for period ending 0 9 0 9 2 0 1 7 (MMDDYYYY)

SPDES ID

Name of MS4 NYCDEP East of Hudson BWS

NYCDEP East of Hudson BWS

<u>Certification Statement</u> - MS4 Official (Principal Executive Officer or Ranking Elected Official) or a Duly Authorized Representative of the MS4 Official

"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, to 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 of 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-0-15-003 Part VI.J.

Paull Title (Clearly print title of individual signing report) Deputy Commissioner BWS Signature Date	First Name	MI	/II Last Name													
Deputy Commissioner BWS Signature	Paul	v		R	u	s	h									
Deputy Commissioner BWS Signature	Title (Clearly print title of individual signing report)															
ANN/M L		n	е	r		В	W	s								
	Signature MM								Da	te	7,				1.	

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

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