SP

Municipality/Organization: TOWN OF KINGSTON N.H.

EPA NPDES Permit Number: NHR 041014

MaDEP Transmittal Number: W-

Annual Report Number & Reporting Period: No.4: March 2006-March 2007

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: RICHARD ST.HILAIRE Title: ROAD AGENT

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Certification:

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 gather and evaluate 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 violations.

Signature:

Printed Name: RICHARD D ST.HILAIRE

Title: ROAD AGENT

Date: 4/20/07

Part II. Self-Assessment

KINGSTON IS PROGRESSING WITH THE PERMITING PROCESS. ALL CULVERTS AND CATCH BASIN ARE MAPPED AND G.P.S. COORDINATES HAVE BEEN OBTAINED. ALL CATCH BASINS ARE CLEANED AND OR INSPECTED AT LEAST 2 TIME PER YEAR. ALL CONSTRUCTION PROJECT OF 1 ACRE OR MORE ARE SCRUTINIZED AT THE PLANNING BOARD PROCESS AND NOI'S AND PRE CONSTRUCTION JOB MEETING ARE HELD. PUBLIC EDUCATION STILL IS A PROBLEM BUT WE ARE WORKING THROUGH THIS. KINGSTON HAS BEEN DECADES AHEAD OF EPA + NH DES IN OUR ROAD DESIGN CRITERIA AS WE HAVE BEEN MANDATING STORM WATER TO RECHARGE GROUND WATER WITH OUR ROAD DESIGN AND DRYWELL TYPE CATCH BASIN SYSTEMS TO ELIMINATE HIGH FLOW WATERS INTO WETLANDS. I HAVE BEEN TRAINED AS AN ORGANIC LAND CARE PROFESSIONAL AND WILL BE IMPLEMENTING N.O.F.A. ORGANIC LAND CARE TO ALL TOWN OWNED LAND.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1PE Revised	Public Video	L. Middlemiss R. Sthilaire	80% viewer	2 vidios shown monthly	Find new material
2PE Revised	Education Flyer	R. Sthilaire	mass mailing	no mailing	Budget monies
3PE Revised	Education Display	Focus R Sthilaire	# of Flyers	Both set up at Kingston Days approx 250 visits	Continue practice
4PE Revised	Elemetary School Program	R. Sthilaire	# student/yr.	School would not allow circulum to be added	Try again
5PE Revised	Fly Program	R. Sthilaire	# Flyer distributed	150 flyers at Kingston Days	Daily cable T.V. of time + dates of collections
 Revised					

1a. Additions

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1PP	COORDINATE WITH STATE	R. St. Hilaire	# OF MEETING	MET WITH STATE REP 4 TIME	CONTINUE
Revised					
2PP	CO ORDINATE WITH TOWNS	R. St. Hilaire	# OF MEETING	4 MEETINGS	CONTINUE
Revised					
3PP	ADOPT AN AREA	B. MARTIN	# PARTICIPANT lbs WASTE	TOWN WIDE TRASH PICK-UP 8 TRUCK LOADS REMOVED	ADD SHORELINE CLEAN UP
Revised		R. St. Hilaire			
4PP	COMMUNITY HOT LINE	SELECTMEN'S OFFICE	# OF CALL	NOT IMPLEMENTED YET	SET UP FY 07
Revised					
5PP	WASTE OIL DISPOSAL	R. St. Hilaire	# OF GALLON COLLECTED	COLLECTED ABOUT 1600 GALLON OIL	CONTINUE
Revised					
Revised					

2a. Additions

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1 ID Revised	UPDATE PLAN	R. ST. Hilaire	# OF OUT FALLS	NO CHANGES	REVIEW
2 ID Revised	IDETIFY ILLICIT CONECTIONS	R ST. HILAIRE	# OF INSPECTIONS # OF REPAIRS	ALL BASINS INSPECTED AT LEAST 2 TIME	CONTINUE
3 ID Revised	FAILED SEPTIC SYSTEMS	C. MIDDOKASS	# FAILED # FIXED	24 FAILED SYSTEMS IDENTIFIED AND REPAIRED	CONTINUE + GPS MAP SYSTEMS
4 ID Revised	ILLEGAL DUMPING	R ST. HILAIRE	# AREAS FOUND # CLEANED UP	6 AREA FOUND 6 CLEANED	CONTINUE + MAP
Revised					
Revised					

3a. Additions

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1CS	SEDIMENT CONTROL	PLANNING BOARD	# OF SITES INSPECTED	CHECK ALL SIGNTS WEEKLY	CONTINUE
Revised		R.ST.Hilaire			
2CS	EROSION CONTROL	P.B. + Cons/Con	NUMBER + TYPE	All SIGNT INSPECTED	CONTINUE
Revised		TOWN ENGINEER			
3CS	SWPP REVIEW	PLAN BOARD	NUMBER OF PLANS REVIEWED	All PLANS REVIEWED	CONTINUE
Revised		TOWN ENGINEER			
Revised					
Revised					
Revised					

4a. Additions

5. Post-Construction Stormwater Management in New Development and Redevelopment

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1PC	BUFFER ZONE	CON/CON	REVIEW + UPDATE CODE	CONTRACTED OUT TO STONE ENVIRONMENTAL	APPROVE SUGGEST CHANGES
Revised					
2PC	INSPECTION PROGRAM	PLANNING BOARD	PLANNING BOARD	INSPECTED ALL PROJECTS	CONTINUE
Revised		TOWN ENGINEER	TOWN ENGINEER AND AGENT		
3PC	PLANNING ORDINANCE	PLANNING BOARD	REVIEW ALL ORDINANCE	CONTRACTED OUT TO STONE ENVIRONMENTAL	APPROVE AND ADOPT NEW REGULATIONS
Revised					
4PC	CATCH BASINS	R. STANIAIRE	INVENTORY AMOUNT REMOVED	ALL BASIN CLEANED X1 INSPECTED X2 36 YARD SEDIMENT REMOVED	CONTINUE
Revised					
Revised					

5a. Additions

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1MG Revised	TRAINED LAWN CARE PESTICIDE SPECIALIST	R. STAHLAIRE	1 TRAINED	1 TRAINED ORGANIC LAWN CARE PROFFESSIONAL N.O.F.A	TRAIN 1 MORE
2MG Revised	ILLEGAL DUMPING	R. STAHLAIRE	# DUMPS REPORTED # DUMPS CLEANED UP	6 AREAS FOUND 6 AREAS CLEAN UP + RESTRICTED ACCESS	CONTINUE + MAP
3MG Revised	SPILL CONTROL	FIRE DEPT	# SPILLS, RELEASED AND HAZ MAT	51 SPILLS 6 HAZ MAT	CONTINUE + MAP
4MG Revised	ROAD SALT REDUCTION	R. STAHLAIRE	MGCI TONS OF SALT	MGCI WAS A COMPLETE FAILURE	CALIBRATE ALL SALT SPREADERS USE SAND/SALT MIX
5MG Revised	PET WASTE	R. STAHLAIRE	TOWN ORDINANCE	ESTABLISHED 2003	CONTINUE TO ENFORCE APPLY FOR GRANT
6MG Revised	USED OIL RECYCLE	R. STAHLAIRE	GALLONS USED FLYERS	1600 GALLONS COLLECTED 150 FLYERS	CONTINUE AND EXPAND

6a. Additions

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) *<<if applicable>>*

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					

7a. Additions

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

Stormwater management position created/staffed	(y/n)	Y
Annual program budget/expenditures	($)	0.00

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	10 %
Stormwater management committee established	(y/n)	Y
Stream teams established or supported	(# or y/n)	Y
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	Y 5 miles
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	2
▪ community participation	(%)	10-20 %
▪ material collected	(tons or gal)	*
School curricula implemented	(y/n)	N

* Kingston is part of a 5 town consortium Total tons or gallons not available

Legal/Regulatory

	In Place Prior to Phase II	Under Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination	X			
▪ Erosion & Sediment Control	X		X	
▪ Post-Development Stormwater Management	X		X	
Accompanying Regulation Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination			X	
▪ Erosion & Sediment Control	X		X	
▪ Post-Development Stormwater Management	X		X	

Mapping and Illicit Discharges

Outfall mapping complete	(%)	100
Estimated or actual number of outfalls	(#)	
System-Wide mapping complete	(%)	100
Mapping method(s)		
▪ Paper/Mylar	(%)	100
▪ CADD	(%)	
▪ GIS	(%)	100
Outfalls inspected/screened	(# or %)	100
Illicit discharges identified	(#)	0
Illicit connections removed	(#) (est. gpd)	
% of population on sewer	(%)	0
% of population on septic systems	(%)	100

Construction

Number of construction starts (>1-acre)	(#)	3
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	100
Site inspections completed	(# or %)	150
Tickets/Stop work orders issued	(# or %)	0
Fines collected	(# and $)	0
Complaints/concerns received from public	(#)	12

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	100
Site inspections completed	(# or %)	20
Estimated volume of stormwater recharged	(gpy)	

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	1
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	1
Total number of structures cleaned	(#)	247
Storm drain cleaned	(LF or mi.)	2000 LF
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	36 Ton
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		Compost Recycle
Cost of screenings disposal	($)	0

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	As needed
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	As needed

Qty. of sand/debris collected by sweeping	(lbs. or tons)	36 Ton
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Compost/Highway Shed
Cost of sweepings disposal	($)	0
Vacuum street sweepers purchased/leased	(#)	0
Vacuum street sweepers specified in contracts	(y/n)	0

Reduction in application on public land of: ("N/A" = never used; "100%" = elimination)		
▪ Fertilizers	(lbs. or %)	0
▪ Herbicides	(lbs. or %)	0
▪ Pesticides	(lbs. or %)	0

Anti-/De-Icing products and ratios	% NaCl % $CaCl_2$ % $MgCl_2$ % CMA % Kac % KCl % Sand	70 30
Pre-wetting techniques utilized	(y/n)	N
Manual control spreaders used	(y/n)	Y
Automatic or Zero-velocity spreaders used	(y/n)	N
Estimated net reduction in typical year salt application	(lbs. or %)	0
Salt pile(s) covered in storage shed(s)	(y/n)	100
Storage shed(s) in design or under construction	(y/n)	