Municipality/Organization: Town of Hampstead

APR 29 2005

EPA NPDES Permit Number: NHR041010

MaDEP Transmittal Number: W-

Annual Report Number & Reporting Period: No. 1: March ~~03~~ 04-March ~~04~~ 05

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Jon Worthen Title: Road Agent

Telephone #: 603-329-5110 Email: highway@aspi.net

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: Richard H Harting

Printed Name: Richard H. Harting

Title: Chairman, Hampstead Board of Selectmen

Date: 4-28-05

Part II. Self-Assessment

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 ~~1~~ 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year ~~2~~ 3
1-1 Revised	Public Education	Jon Worthen		"After the Storm" Brochure handed out @ public meeting + Delib. Session	Continue to supply these to the public as often as possible
1-1 Revised	Public Education	Jon Worthen + Building Dept.		"Does your construction site Need a stormwater permit" Brochure	Continue to have these available for all Contractors + residents.
1-1 Revised	Public Education	Highway + Planning Board		various items of information from the Internet dealing w/ site plans/construction	Continue to supply this + any other information available.
Revised					
Revised					
Revised					

1a. Additions

1-1	Public Education	Jon Worthen		N/A	Make your Home the Solution to Stormwater Pollution" Brochure
1-1	"	"		N/A	"10 Things that you can do to prevent stormwater pollution" Bookmark.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year ~~2~~ 3
1-5	Public	Solid Waste	Hazardous Waste	Held two Hazardous waste collection days in conjunction w/area Towns.	Continue to hold Collections on an annual basis.
Revised	Involvement	Committee	Collection		
2-4	Public	Jon Worthen	Roadside		Continue to recruit residents to cleanup roadsides 2x/year.
Revised	Involvement		Clean Up	Revitalize Roadside Clean Up Project.	
Revised					
Revised					
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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year ~~2~~ 3
Revised	Illicit Discharge Detection	Jon Worthen, Road Agent		Cleaned + inspected a majority of the basins and outfalls.	Continue to inspect + clean outfalls on a scheduled basis.
Revised					
Revised					
Revised					
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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year ~~2~~ 3
4-1 Revised	Planning Board Regulations	Planning Board	Control Runoff		
Revised					
Revised					
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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year ~~2~~ 3
5-2 Revised	scheduled Inspections	Code Enforcement		Continued to monitor and make sure they remain in compliance	
Revised					
Revised					
Revised					
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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year ~~1~~ 3
6-2 Revised	Sediment + oil separator	Jon Worthen	Control floor drain runoff	Cleaned + inspected	Continue to clean + inspect on an annual basis
6-2 Revised	New salt shed	Jon Worthen	Discontinue salt being dumped outside of shed	warrant article failed	attempt to secure funding for shed.
Revised					
Revised					
Revised					
Revised					

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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year ~~2~~ 3
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)	NO
Annual program budget/expenditures	($)	

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	300
Stormwater management committee established Regional Committee	(y/n)	Yes
Stream teams established or supported	(# or y/n)	No
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	No
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	2
▪ community participation	(%)	35
▪ material collected	(tons or gal)	unknown (Regional)
School curricula implemented	(y/n)	Yes

Legal/Regulatory

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

Mapping and Illicit Discharges

Outfall mapping complete	(%)	50%
Estimated or actual number of outfalls	(#)	150
System-Wide mapping complete	(%)	50%
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	
▪ GIS	(%)	50%
Outfalls inspected/screened	(# or %)	75%
Illicit discharges identified	(#)	0
Illicit connections removed	(#) (est. gpd)	0
% of population on sewer	(%)	0
% of population on septic systems	(%)	100%

Construction

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

Post-Development Stormwater Management

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

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	2x/year
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	2x/year
Total number of structures cleaned	(#)	26
Storm drain cleaned	(LF or mi.)	
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	50 Tons
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		
Cost of screenings disposal	($)	

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	1

Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	
Qty. of sand/debris collected by sweeping	(lbs. or tons)	3 1/2 TONS
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	landfill
Cost of sweepings disposal	($)	
Vacuum street sweepers purchased/leased	(#)	
Vacuum street sweepers specified in contracts	(y/n)	

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

Anti-/De-Icing products and ratios	% NaCl % $CaCl_2$ % $MgCl_2$ % CMA % Kac % KCl % Sand	
Pre-wetting techniques utilized	(y/n)	No
Manual control spreaders used	(y/n)	Yes
Automatic or Zero-velocity spreaders used	(y/n)	
Estimated net reduction in typical year salt application More used than avg. yr due to weather	(lbs. or %)	0
Salt pile(s) covered in storage shed(s)	(y/n)	Yes
Storage shed(s) in design or under construction	(y/n)	Yes

Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	
Qty. of sand/debris collected by sweeping	(lbs. or tons)	3 1/2 tons
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	landfill
Cost of sweepings disposal	($)	
Vacuum street sweepers purchased/leased	(#)	
Vacuum street sweepers specified in contracts	(y/n)	

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

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