TOWN OF HAMPSTEAD

OFFICE OF THE SELECTMEN
11 MAIN STREET • HAMPSTEAD, NEW HAMPSHIRE 03841

(NH 1.010)

MAY - 1 2006

U. S Environmental Protection Agency
Water Technical Unit
P.O. Box 8127
Boston, MA 02114

(06)

PV

RE: NPDES PII Small M34 General Permit Annual Report

Dear Sir/Madam:

April 28, 2006

Enclosed please find the Town of Hampstead's annual report for reporting year three. Should you need any additional information please feel free to contact me at (603) 329-4100 ext. 100

Sincerely,

Sally Therrault,
Administrative Assistant

cc: Board of Selectmen
NH DES
File

TOWN OF HAMPSTEAD

OFFICE OF THE SELECTMEN
11 MAIN STREET • HAMPSTEAD, NEW HAMPSHIRE 03841

MAY - 1 2006

New Hampshire Department of Environmental Services
Water Division
Wastewater Engineering Bureau
P.O. Box 95
Concord, NH 03302-0095

RE: NPDES PII Small M34 General Permit Annual Report

Dear Sir/Madam:

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Enclosed please find the Town of Hampstead's annual report for reporting year three. Should you need any additional information please feel free to contact me at (603) 329-4100 ext. 100

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Administrative Assistant

CC: Board of Selectmen
✓US EPA
File

Municipality/Organization: Town of Hampstead

EPA NPDES Permit Number: NHR041010

MaDEP Transmittal Number: W-

Annual Report Number & Reporting Period: No. 3: March 2005-March 2006

NPDES PII Small MS4 General Permit Annual Report

MAY - 1 2006

Part I. General Information

Contact Person: Jon Worthen Title: Road Agent

Telephone #: 329-5110 Email: hampsteadhighway@comcast.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 Hartung

Printed Name: Richard H. Hartung

Title: Chairman, Board of Selectmen

Date: 4-28-06

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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
1-1 Revised	Public Ed. UNH Video	Cable		Video "After the Storm" ran on cable a few times during the year.	Continue to run for a couple more months
1-2 Revised	Distribute information	Town		Hand out "After the Storm" brochures	Continue this practice.
1-3 Revised	Public Ed Schools			Hampstead Middle School continue recycling prog.	Continue this practice.
1-4 Revised	Big Island Pond	Don Bryant		Continue sending news-letters.	Same
1-5 Revised	Hazardous Waste	Solid Waste	approx. 12 participants	Two Hazardous waste days per year.	increase Public awareness of program.
Revised					

1a. Additions

1-3	Public Ed.	Solid		informational brochures/	
	Recycling	Waste		coloring books to students.	
1-3	Public Ed Recycling	Hampstead Central School		N/A	Start recycling program at School

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
2-1 Revised	Hampstead Middle School Water monitoring	Kathe Lesson		7th Grade class participation	Continue program.
2-2 Revised	Big Island Pond				request low salt on certain roads.
2-3 Revised	Sunset Lake Assoc			Continues to meet and address issues related to lake	Continue to meet.
2-4 Revised	Adopt-a-street	Jan Worthen	recruiting participants	Continue to encourage recruitment	Continue with program
2-5 Revised	Public Meeting	Board of Selectmen		Discuss Permitting requirement.	Continue this practice.
Revised					

2a. Additions

2-4	Roadside trash pickup	Cons. Comm/ Jan Worthen	100 bags of trash + 15 tires (estimated)	Continue with program	Continue with program

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
3-1 Revised	Stormwater mapping	Jon Worthen	majority of catch basins mapped	To be completed 5/06	N/A
3-2 Revised	Household Haz. Waste Day	Solid Waste/		provide flyers to public	continue
3-3 Revised	Failed Septic Systems	Health Off. Kris Emerson	approx. 12-15 failed systems detected per year	Regular inspections and reviewing compliance	Scheduled inspections of shoreport properties. and commercial.
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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
4-1 Revised	Ordinances	Planning Board		Continue with inspections and compliance	Continue this practice
4-2 Revised	Site Plan Review	Planning Board	Erosion controls in place	Continue to Review plans	Continue this practice
4-3 Revised	Inspections	Kris Emerson SFC Engineering	Regular reports	Continue regular site visits of all construction sites	Continue regular practices
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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
5-1 Revised	Erosion Control	Planning Board		Continue review of site plans	Continue practice
5-2 Revised	Drainage/ Grading Plan	Planning Board		Continue review of site plans	Continue practice.
5-3 Revised	Inspections	Kris Emerson CEO	periodic site inspections	Coordination with property owners to maintain systems	Continue practice
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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
6-1 Revised	Employee Training Program	Jon Worthen/ Solid Waste	Transfer employees certified	Training as needed	continue practice
6-2 Revised	Town Owned Garage	Jon Worthen		Floor drain feeds into storage tank.	Continue with BMP.
6-3 Revised	Fire Station	Chip Hastings		Continue to work on BMP.	Construct shed for hazardous materials
6-4 Revised	Schools	School Board		Continue to work on BMP.	Continue practice.
6-5 Revised	Recycling Facilities	Jon Worthen Solid Waste		Collect Florescent bulbs and car batteries	Continue practice.
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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
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 %)	
Stormwater management committee established	(y/n)	No
Stream teams established or supported	(# or y/n)	No
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	privately by Lake Associati
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	2
▪ community participation	(%)	minimal
▪ material collected	(tons or gal)	
School curricula implemented	(y/n)	

Legal/Regulatory

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

Mapping and Illicit Discharges

Outfall mapping complete	(%)	100%
Estimated or actual number of outfalls	(#)	150 est.
System-Wide mapping complete	(%)	75%
Mapping method(s)		
▪ Paper/Mylar	(%)	✓
▪ CADD	(%)	
▪ GIS	(%)	
Outfalls inspected/screened	(# or %)	100%
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)	(#)	4
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	100 %
Site inspections completed	(# or %)	24 est.
Tickets/Stop work orders issued	(# or %)	0
Fines collected	(# and $)	0
Complaints/concerns received from public	(#)	0

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)	Top 2X per yr.
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	inside 1X every 2 yrs
Total number of structures cleaned	(#)	50
Storm drain cleaned	(LF or mi.)	100 ft.
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		N/A
Cost of screenings disposal	($)	0

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	0
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	0

Qty. of sand/debris collected by sweeping	(lbs. or tons)	
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	
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)	NO
Estimated net reduction in typical year salt application	(lbs. or %)	10% less
Salt pile(s) covered in storage shed(s)	(y/n)	YES
Storage shed(s) in design or under construction	(y/n)	NO