Town of Rye, NH
Public Works Department
309 Grove Road
Rye, NH 03870
603-964-5300

Received 8/23/05

August 22, 2005

USEPA
Region I
1 Congress Street, Suite 1100
Boston, MA 02114-2023

Dear Sirs:

Enclosed please find our NPDES PII Small MS 4 General Permit Annual Report. It is for the time period March 2004 to March 2005.

Please feel free to call us if you have any questions.

Sincerely,

Bud Jordan
Public Works Director

Enclosure: Annual Report

Municipality/Organization: **Town of Rye NH**

EPA NPDES Permit Number: **NHR041030**

MaDEP Transmittal Number: **W-**

Annual Report Number & Reporting Period: No. 2: March 04-March 05

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Bud Jordan Title: Public Works Director

Telephone #: (603)964-5300 cell 603 – 396-2155 Email:

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.

Signatures:		
Printed Name:	Bud Jordan	Priscilla Jenness
Title:	Public Works Director	Selectman Chair
Date:	August 22, 2005	August 22, 2005

Part II. Self-Assessment

1. Started with a fund for salt shed, hoping to build 2008.

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 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
1	Articles in Town Newsletter & Website	Pub Wks/Bud Jordan	Twice per year	None	Summer & Fall newsletter this year
Revised					
2	Road stencils for drains	Pub Wks/Bud Jordan	50 per year/each year		Location from road for cleaning
Revised					
3	Develop educational resources	Pub Wks/Bud Jordan	One per year		Planned Fall 2005 DOT Stormwater II Manchester
Revised					
4	Pet Waste management	Pub Wks/Bud Jordan	Dog licenses/annual		Carry in carry out policy
Revised					
5	Show UNH Video	Pub Wks/Bud Jordan	Once per year		Summer 2004
Revised					
6	Outreach in Rye school system	Pub Wks/Bud Jordan	Twice per year		
Revised					
7	Public info on treating mosquitoes/catch basins	Pub Wks/Bud Jordan	Twice per year		No Egg Found
Revised					
8	Door hangers for info on catch basins	Pub Wks/Bud Jordan	Once per year		Yes – As we clean
Revised					

2. Public Involvement and Participation

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
9	Community Cleanups	Pub Wks/Bud Jordan	Boy/Girl Scouts, once per year	Count assisted community service people	
Revised					
10	Storm Drain Stenciling	Pub Wks/Bud Jordan	Once per year	Paint arrows once per year	Repaint arrows 5' out in pavement
Revised					
11	Meet with Seacoast Storm Water Coalition	Pub Wks/Bud Jordan	Twice per year	Met twice during the past year	Will meet at least twice
Revised					
				None	Will schedule during 2005
Revised 11.1	Public Hearing w/Planning Board	Pub Wks/Bud Jordan	Once		

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
12	Public information	Pub Wks/Bud Jordan	Every two years		Doorhangers ongoing info

Revised					
13	Remove Known illicit connections	Pub Wks/Bud Jordan	Ongoing		Checking always
Revised					
14	Review town ordinances	Pub Wks/Bud Jordan	Annually		Ongoing
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
15	Enforce LDR Sec 604 & 605 Surface Water Management Stds	Pub Wks/Bud Jordan	Ongoing	Ongoing	Ongoing
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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
16	Enforce LDR Sec 708 Inspection of Construction	Pub Wks/Bud Jordan	Ongoing/per application	Ongoing	Ongoiong
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 2
17	Clean catch basins	Pub Wks/Bud Jordan	Rotate throughout town		Clean every year 200 out of 800
Revised					
18	Street sweeping	Pub Wks/Bud Jordan	Spring/Fall	Accomplished spring 2004	Planned for Fall 2005/Spring 2006 Every year
Revised					
19	Spill response & prevention	Pub Wks/Bud Jordan	Ongoing training/annual		Training with Safety Meeting Outlines Inc., Frankfort IL
Revised					
20	Continue with DES monitoring of stormwater events for TMDL	Plng & Bldg/John Elsden	Ended early 2004	Project Complete	
Revised					
21	Salt March Restoration Project	Plng & Bldg/John Elsden	Ongoing	Ongoing	
Revised					
22	Develop nonpoint program	Pub Wks/Bud Jordan	3-5 years	None	None
Revised					
23	Continue update of storm drainage system	Pub Wks/Bud Jordan	Ongoing/every 2 years	None	Ongoing
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
	NA				
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)	
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.)	3 miles
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	1
▪ community participation	(%)	10%, 50-60 homes
▪ material collected	(tons or gal)	4.5 tons
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		X		
▪ Erosion & Sediment Control				X
▪ Post-Development Stormwater Management				X
Accompanying Regulation Status (indicate with "**X**")				
▪ Illicit Discharge Detection & Elimination		X		
▪ Erosion & Sediment Control				X
▪ Post-Development Stormwater Management				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	(%)	
▪ CADD	(%)	
▪ GIS	(%)	100

Outfalls inspected/screened	(# or %)	
Illicit discharges identified	(#)	
Illicit connections removed	(#) (est. gpd)	
% of population on sewer	(%)	10
% of population on septic systems	(%)	90

Construction

Number of construction starts (>1-acre)	(#)	10
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	100
Site inspections completed	(# or %)	100
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)	2
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	2

Total number of structures cleaned	(#)	
Storm drain cleaned	(LF or mi.)	300 c/b
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.)		
Cost of screenings disposal	($)	$9,500

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	2
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	1
Qty. of sand/debris collected by sweeping	(lbs. or tons)	200 tons
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Pub. Works
Cost of sweepings disposal	($)	$7,000
Vacuum street sweepers purchased/leased	(#)	no
Vacuum street sweepers specified in contracts	(y/n)	no

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

Anti-/De-Icing products and ratios	% NaCl % $CaCl_2$ % $MgCl_2$ % CMA % Kac % KCl % Sand	900 tons salt, 2700 tons of sand
Pre-wetting techniques utilized	(y/n)	

Manual control spreaders used	(y/n)	yes
Automatic or Zero-velocity spreaders used	(y/n)	none
Estimated net reduction in typical year salt application	(lbs. or %)	
Salt pile(s) covered in storage shed(s)	(y/n)	200 tons
Storage shed(s) in design or under construction	(y/n)	yes