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

EPA NPDES Permit Number: **NHR041030**

MaDEP Transmittal Number:

Annual Report Number & Reporting Period: **No. 1: March 07 - March 08**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Everett (Bud) Jordan Title: Public Works Director

Telephone #: (603)964-5300 Email: bjordan@town.rye.nh.us

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.

Evertt (Bud) Jordan, 3-17-08
Department of Public Works Director Date

Joseph G. Mills Jr. 3-17-08
Selectman Chair Date

Part II. Self-Assessment

1 Not applicable this year. Past monies were part of a Grant.

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)
1	Articles in Town Newsletter & Website	Pub Wks/Bud Jordan	Twice per year	– Please clean C/B in front office.
Revised				
2	Road stencils for drains	Pub Wks/Bud Jordan	100 per year/each year	100 to be done this year. And another 100 in 2008
Revised				
3	Develop educational resources	Pub Wks/Bud Jordan	One per year	Ongoing – Reading to Elementary Classes
Revised				
4	Pet Waste management	Pub Wks/Bud Jordan	Dog licenses/annual	Small Quantities in with trash – Signs posted to ask all pet owners to pick up waste
Revised				
5	Show UNH Video	Pub Wks/Bud Jordan	Once per year	Show video to all new workers
Revised				
6	Outreach in Rye school system	Pub Wks/Bud Jordan	Twice per year	Elementary School System curriculum on demonstrating how to recycle. They are Recycling better at the schools than homes and parents.
Revised				
7	Public info on treating mosquitoes/catch basins	Pub Wks/Bud Jordan	Twice per year	As needed by testing
Revised				
8	Door hangers for info on catch basins	Pub Wks/Bud Jordan	Once per year	When cleaning C/B Hanger info
Revised				

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Planned Activities – Progress on Goal(s) – Permit Year 2007 (Reliance on non-municipal partners indicated, if any)
9	Community Cleanups	Pub Wks/Bud Jordan	Boy/Girl Scouts, once per year	Boy Scout/Girl Scout –Outreach and Correctional Facility Clean up of beaches– 5 people 3 to 4 days
Revised				
10	Storm Drain Stenciling	Pub Wks/Bud Jordan	Once per year	Paint Arrows ongoing -Repaint arrows 5' out in pavement
Revised				
11	Meet with Seacoast Storm Water Coalition	Pub Wks/Bud Jordan	Twice per year	Coalition to meet four (4) times in 2008
Revised				
				After Coalition has manual
Revised 11.1	Public Hearing w/Planning Board	Pub Wks/Bud Jordan	Once	

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Planned Activities – Permit Year 2007 (Reliance on non-municipal partners indicated, if any)
12	Public information	Pub Wks/Bud Jordan	Every two years	Door hangers ongoing info
Revised				
13	Remove Known illicit connections	Pub Wks/Bud Jordan	Ongoing	As we clean, 10 Strategic Testing sites of E-Coli, Next scheduled in April. See Attached testing sheet.
Revised				
14	Review town ordinances	Pub Wks/Bud Jordan	Annually	Ongoing
Revised				

Note:

We have partnered with other N.H. Seacoast towns to create manual Guidelines BMP and Standard Operating Procedures – Good Housekeeping for Storm water Phase # II. The Manuals will be appropriate for all Phase II Towns in N.H. – (See Column 11.)

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Planned Activities – Permit Year 2007 (Reliance on non-municipal partners indicated, if any)
15	Enforce Land Development Regulations Section 604 & 605 Surface Water Management Stds	Pub Wks/Bud Jordan	Ongoing	Ongoing
Revised				

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) – Planned Activities – Permit Year 2007 (Reliance on non-municipal partners indicated, if any)
16	Enforce LDR Sec 708 Inspection of Construction	Pub Wks/Bud Jordan	Ongoing/per application	Ongoing
Revised				

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Planned Activities – Permit Year 2007 (Reliance on non-municipal partners indicated, if any)
17	Clean catch basins	Pub Wks/Bud Jordan	Rotate throughout town	Clean 300 in 2008 – Checking others for sediment.
Revised				
18	Street sweeping	Pub Wks/Bud Jordan	Spring/Fall	Approximately 40 to 60 Hours
Revised				
19	Spill response & prevention	Pub Wks/Bud Jordan	Ongoing training/annual	Training at Recycling Station with Fuel on Site and Spill Prevention and Counter measurement Plan Project # 923.48.02 with Safety Meeting with our OEST Engineer to update manual
Revised				

20	Continue with DES monitoring of stormwater events for TMDL	John Elsden	Ended early 2004	Completed Project
21	Salt March Restoration Project	Conservation Commission and Selectmen	Ongoing	Ongoing
Revised				
22	Develop nonpoint program	Pub Wks/Bud Jordan	3-5 years	None
Revised				Ongoing
23	Continue update of storm drainage system	Pub Wks/Bud Jordan	Ongoing/every 2 years	This year we have GPS on each C/B
Revised				

6a. Additions

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Planned Activities – Permit Year 2007 (Reliance on non-municipal partners indicated, if any)
				Illustration of which Brook, Bog or Marsh these flow/run into
Revised	Rename Water Direction of Flow	Bud Jordan – DPW Director		

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)	Yes – B. Jordan and Roy Lee Hill
Annual program budget/expenditures	($)	On Going Pay By Public Works

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	50%
Stormwater management committee established	(y/n)	Yes – B. Jordan and Roy Lee Hill
Stream teams established or supported	(# or y/n)	No
Shoreline clean-up participation or quantity of shoreline miles cleaned We have 44 miles of ditch line (started to clean all – approximately 3 miles this yr.)	(y/n or mi.)	3 Miles
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	2
▪ community participation	(%)	10% (50-60 homes)
▪ material collected	(tons or gal)	2 tons
School curricula implemented	(y/n)	Yes

Legal/Regulatory

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

Mapping and Illicit Discharges

Outfall mapping complete	(%)	100
Estimated or actual number of outfalls	(#)	31
System-Wide mapping complete	(%)	100
Mapping method(s)		
▪ Paper/Mylar	(%)	2008
▪ CADD	(%)	2008

▪ GIS	(%)	100
Outfalls inspected/screened	(# or %)	2008
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 %)	
Fines collected	(# and $)	
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 (Catch Basins, Culverts and Drainage Ditches)

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	(#)	300 +c/b
Storm drain cleaned	(LF or mi.)	700 lf
Qty. of screenings/debris removed from storm sewer infrastructure and Beaver Dams.	(lbs. or tons)	75 Tons
Cost of pumping and flushing	($)	$9,500

Operations and Maintenance (Street Sweeping) 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)	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	($)	$9,000
Vacuum street sweepers purchased/leased	(#)	1
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	1200 tons salt 2500 tons of sand
Pre-wetting techniques utilized	(y/n)	
Manual control spreaders used	(y/n)	yes
Automatic or Zero-velocity spreaders used	(y/n)	
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