



TOWN OF RYE

Received 11/15/06

10 Central Road
Rye, NH 03870
(603) 964-9800

November 9, 2006

Thelma Murphy
US EPA, Region 01 / Office of Ecosystem Protection
1 Congress St, Suite 1100
(CMU)
Boston, MA 02114-2023

Re: Annual Report for MS4GP
NPDES Permit No. NHR041030

Dear Ms. Murhpy:

Enclosed, please find a copy for of the Rye Public Works Annual Report of the MS4GP, NPDES Permit No. NHR041030. We apologize for the delay in the receiving the annual report and you will receive next year's in a timely manner.

If you have any questions or concerns pertaining to this, please feel free to contact me at (603)964-9800 x 21.

Sincerely,

Kimberly M. Reed
Planning and Zoning Administrator

Cc: **Bud Jordan, DPW Director**
Alan Gould, Town Administrator
Selectmen

Municipality/Organization: Town of Rye NH

EPA NPDES Permit Number: NHR041030

MaDEP Transmittal Number: W-

**Annual Report Number
& Reporting Period:**

No. 1: March 05-March 06

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Bud Jordan

Title: Public Works Director

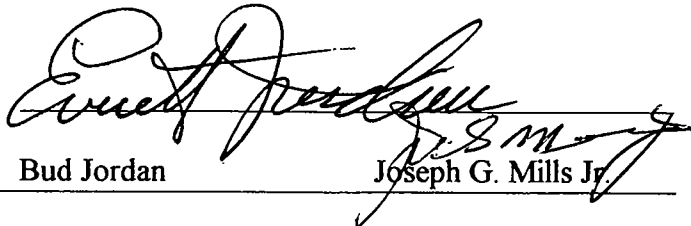
Telephone #: (603)964-5300

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

Joseph G. Mills Jr.

Title: Public Works Director

Selectman Chair

Date: 11/9/06

11/9/06

Part II. Self-Assessment

1 Mr. Jordan has requested \$25,000 for the 2006 budget to purchase a Salt Shed.

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 Revised	Articles in Town Newsletter & Website	Pub Wks/Bud Jordan	Twice per year	None	Summer & Fall newsletter this year
2 Revised	Road stencils for drains	Pub Wks/Bud Jordan	50 per year/each year	50 done this year.	Location from road for cleaning
3 Revised	Develop educational resources	Pub Wks/Bud Jordan	One per year	ongoing	Planned summer 2004 DOT Stormwater II Manchester
4 Revised	Pet Waste management	Pub Wks/Bud Jordan	Dog licenses/annual		
5 Revised	Show UNH Video	Pub Wks/Bud Jordan	Once per year		Summer 2004
6 Revised	Outreach in Rye school system	Pub Wks/Bud Jordan	Twice per year		
7 Revised	Public info on treating mosquitoes/catch basins	Pub Wks/Bud Jordan	Twice per year	Has treated each once this year	No Egg Found
8 Revised	Door hangers for info on catch basins	Pub Wks/Bud Jordan	Once per year	On going	Yes – As we clean

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 Revised	Community Cleanups	Pub Wks/Bud Jordan	Boy/Girl Scouts, once per year	Count assisted community services people and Beaches	
10 Revised	Storm Drain Stenciling	Pub Wks/Bud Jordan	Once per year	Paint arrows once per year – on going	Repaint arrows 5' out in pavement
11 Revised	Meet with Seacoast Storm Water Coalition	Pub Wks/Bud Jordan	Twice per year	Met twice during the past year – On Going	Have met at least twice
Revised 11.1	Public Hearing w/Planning Board	Pub Wks/Bud Jordan	Once	After Coalition has manual 2006	

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

13 Revised	Remove Known illicit connections	Pub Wks/Bud Jordan	Ongoing	As we clean	Checking always
14 Revised	Review town ordinances	Pub Wks/Bud Jordan	Annually	Ongoing	Ongoing

3a. Additions

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.N.

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 Land Development Regulations Section 604 & 605 Surface Water Management Sids	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	Ongoing
Revised					

5a. Additions

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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 Revised	Clean catch basins	Pub Wks/Bud Jordan	Rotate throughout town	Clean 300 – This Year (2006)	Clean every year 200 out of 800
18 Revised	Street sweeping	Pub Wks/Bud Jordan	Spring/Fall	Accomplished Spring 2006	Planned for Fall 2006/Spring 2007 Every year
19 Revised	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	Training with Safety Meeting Outlines Inc., Frankfort IL
20 Revised	Continue with DES monitoring of stormwater events for TMDL	Kimberly Reed- Planning & Zoning Administrator	Ended early 2004	Project Completed	
21 Revised	Salt March Restoration Project	Kimberly Reed- Planning & Zoning Administrator	Ongoing	Ongoing	
22 Revised	Develop nonpoint program	Pub Wks/Bud Jordan	3-5 years	None	None
23 Revised	Continue update of storm drainage system	Pub Wks/Bud Jordan	Ongoing/every 2 years	Completed with OEST	Ongoing

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)	Yes – B. Jordan and Roy Lee Hill
Annual program budget/expenditures	(\$)	

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	
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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	(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)	2 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 %)	
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

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	4
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	4
Total number of structures cleaned	(#)	300 +c/b
Storm drain cleaned	(LF or mi.)	200 If
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)	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