7/8/05 ✓

Municipality/Organization: Town of W. Newbury MA. 01985

EPA NPDES Permit Number: MAR 041231

MaDEP Transmittal Number: W- 21004703

Annual Report Number & Reporting Period: 1 - MAR 04 - MAR 05

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: GARY Bill Title: Highway Supt.

Telephone #: 978-363-1100 x 120 Email: G-Bill @Town.West-Newbury

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: Gary J. Bill

Printed Name: GARY J. Bill

Title: Highway Supt.

Date: 6/27/05

Part II. Self-Assessment

Our biggest goal reached this year was the completion of a Storm Drain System Map.

We are working on the other issues and continue to upgrade and clean the stormwater structures.

Our monitoring of construction sites has gone well. The Town works together with the Highway, Conservation, Building + Health Depts. in a very coordinating way to stay on top of sites to ensure compliance with stormwater.

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
1A	Public Education Seminars	Selectmen	1 Every Year alternating school/Town	Still Need to seek approval at Next town meeting fall 2005	start spring (2006)
Revised					
Revised					
1B	flyers + Pamphlets	Selectmen + Health Dept	Send out	recycling Info sheet + Item disposal sheet have been sent out since 2003 #1,550 flyers	
Revised					
Revised					
1C	Stormwater info on the web Page	Selectmen + Technology Comm.		Get the technology comm. to help set up the pages to include stormwater issues Recycling + hazardous waste + Info sources	waiting should have something by 2006
Revised					
Revised					

1a. Additions

1A	Seminars			include other town for School Seminars	Negotiating with Merrimack Valley
					Planning with other Towns.

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
2A	Q + A Sessions	Selectmen	1 Every Year alternating school / Public	to coincide with the Seminars in 1A	planned 2006
Revised					
Revised					
2B	Cleanup + Monitor	1/Every yr.	1/every yr.	Advertise for a day volunteer clean up	Had Earth Day this Year 2003 – Provided bag which the Highway Dept. disposes of
Revised		Open Space Comm			
					still put out
Revised					
					Rubbish containers in Urban locations and is picked up weekly
Revised					
Revised					

2a. Additions

2B	Clean up + Monitor	W.N Boy Scouts	1 or 2/yr.	the Scouts are doing this picking projects	(ongoing)
				+ Reviewing with Conservation	

3. Illicit Discharge Detection and Elimination

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 3
3A Revised	Storm Drain System Map	Highway Dept	Produce a Map	Complete	
Revised					
Revised					
3B Revised	Adoption of the By-Law	Selectmen		work on a Draft to have ready by the End of 2005	(still working on this prob. not until 2006)
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~~ 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year ~~2~~ 3
4A Revised	Construction By-Law	Selectmen	By-Law	Add Construction By-Law together with ~~#~~ 3B	(we are still working on this time frame?)
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 3
5A Revised	Enforcement of By-Law	Selectmen	Add Enforcement Regs to the By-laws	Referencing the By Law - Come up with Enforcement Regs in 2006	(Not yet 2005)
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~~ 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year ~~2~~ 3
6A Revised	Municipal Operation + Maintenance plan	Highway + Conservation	Extend to All mun facilities	Review number of facilities in the urban areas +	we do have a plan but still commin
Revised				come up with an operation + main. Plan	up with #b. will be reviewed 1/yr.
Revised					
6B Revised	Upgrade of inadequate Drainage Systems	Road. Superintendent	1 street/yr.	approx. 3 streets Done per/yr. last yr 3 done	2005 3 streets in works Drainage swales + clean catch basin replacement culvert replacement
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~~ 2 (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	We do not anticipate any funds for a position or budget	(y/n)	
Annual program budget/expenditures		($)	

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	1,650 Households
Stormwater management committee established	(y/n)	none planned
Stream teams established or supported	(# or y/n)	currently working with volunteers
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	1 Per year
▪ community participation	(%)	Sept.
▪ 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 N/A				
▪ Post-Development Stormwater Management 2005				
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	Done
Estimated or actual number of outfalls not calculated yet	(#)	
System-Wide mapping complete	(%) 100	Done
Mapping method(s)		
▪ Paper/Mylar	(%)	
▪ CADD	(%)	
▪ GIS	(%)	✓
Outfalls inspected/screened	(# or %) 100	Yes
Illicit discharges identified	(#)	none
Illicit connections removed	(#) (est. gpd)	
% of population on sewer	(%) 0	None
% of population on septic systems	(%) 100	

Construction

In most cases the total lot is > 1 Acre

Number of construction starts (>1-acre) Actual Disturbance < 1 Acre	(#) 34	
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%) 100	all
Site inspections completed	(# or %) 100	All
Tickets/Stop work orders issued we do issue Stop work orders	(# or %)	No Data
Fines collected	(# and $) 0	
Complaints/concerns received from public	(#)	a small number
		exact not
		Known

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%) ≈ 90	
Site inspections completed	(# or %)	≈ 90
Estimated volume of stormwater recharged	(gpy)	?

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	1/yr.
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	1/yr.
Total number of structures cleaned	(#)	417
Storm drain cleaned	(LF or mi.)	
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	110 yd^3
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		Taken by
Cost of screenings disposal	($)	Highway Dept.
		for other uses

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

Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	1/yr.
Qty. of sand/debris collected by sweeping	(lbs. or tons)	25 yd³
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Highway
Cost of sweepings disposal	($)	Yard only
Vacuum street sweepers purchased/leased	(#)	needed.
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 %)	N/A
▪ Pesticides	(lbs. or %)	

Hardly any all Ball Fields have a maintance plan which includes min application of Fert / Herb + Pest.

Anti-/De-Icing products and ratios	% NaCl	75%
	% $CaCl_2$	
	% $MgCl_2$	
	% CMA	
	% Kac	
	% KCl	
	% Sand	25%
Pre-wetting techniques utilized	(y/n)	NO
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 %)	None
Salt pile(s) covered in storage shed(s)	(y/n)	Yes
Storage shed(s) in design or under construction	(y/n)	N/A