Municipality/Organization: Town of Merrimac

EPA NPDES Permit Number: MAR041209

MnDEP Transmittal Number: W-045823

Annual Report Number & Reporting Period: No. 1: March 03-March 04

NOV 29 2004

MUNICIPAL ASSISTANCE UNIT

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Carol A. Traynor Title: Chairperson – Board of Selectmen

Telephone #: 978-346-8862 Email: SelectMer@adelphia.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: Carol A Traynor

Printed Name: Carol A. Traynor

Title: Board of Selectmen Chairperson

Date: 11/29/2004

Part II. Self-Assessment

The Town of Merrimac has completed the required self-assessment and have determined that our municipality is in compliance with all permit conditions, except for the following provisions:

A.) The NPDES Phase II NOI was not filed and approved until December 2003. Therefore, the majority of permit year one had passed before any significant progress was made on the minimum control measures. See attached SWMP Time Frames.

B.) Failed to submit annual report on or before May 1st, 2004. Submitted November, 2004.

C.) Illicit discharge found in wetland at Broad Street and East Main Street and eliminated before the creation of an illicit discharge elimination program.

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	Storm water education flyers	Board of Selectmen	Number of flyers dist. per year	Held informational meeting in winter 03-04 to discuss permit requirements	
Revised					
1B	Household Haz. Waste Event	Board of Selectmen	Pounds of waste collected		Hold a waste collection day
Revised					

1a. Additions

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	Storm Drain Stenciling	Board of Selectmen	Number of drains stenciled		
Revised					
2B	Volunteer cleanup & monitoring	Board of Selectmen	# of volunteers & accomplishments	Held meeting in winter 03-04 to discuss possible volunteer groups	Volunteer groups to be selected
Revised					

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
3A	Storm Drain System Map	Board of Selectmen	Identify & remove illicit discharges	Ongoing research for plans and maps depicting known outfalls in MS4 area.	Develop MS4 area map depicting all catchbasins and outfalls.
Revised					
3B	Ordinance prohibiting illicit discharges	Board of Selectmen	Adoption of ordinance	None	
Revised					
3C	Plan to detect illicit discharges	Board of Selectmen	# of illicit discharges identified	None	
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
4A	Ordinance for erosion & sediment control at construction sites	Board of Selectmen	Adoption of ordinance	Research and initial draft of Erosion & Sediment Control Bylaw ongoing by Cammett Engineering.	Adopt bylaw
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
5A	Enforce MA DEP WPA Storm water management policy on sites >1ac.	Board of Selectmen	Adoption of Site Plan review Zoning By-Law	All new subdivisions and site plans comply with MA DEP WPA Stormwater Management Policy	Maintain conformance
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
6A	Develop municipal O&M plan	Highway Superintendent	# of structures/streets cleaned, amount of employee training	Ongoing structure and street cleaning	Maintain O&M
Revised					
6B	Upgrade inadequate drainage systems	Highway Superintendent	Number of upgrades per year	Upgrade of drainage outfalls along Lake Attitash	Continue upgrades
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
N/A					
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)	
Stream teams established or supported	(# or y/n)	
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	
▪ community participation	(%)	
▪ material collected	(tons or gal)	
School curricula implemented	(y/n)	

Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	
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)	
Manual control spreaders used	(y/n)	
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)	
Storage shed(s) in design or under construction	(y/n)	