

Received  
12-20-04

**Municipality/Organization:** Town of Marion  
**EPA NPDES Permit Number:** 4169000  
**MaDEP Transmittal Number:** W-  
**Annual Report Number & Reporting Period:** No. 1: March 03-March 04

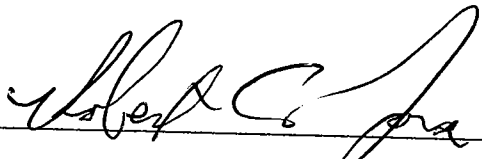
## NPDES PII Small MS4 General Permit Annual Report

### Part I. General Information

**Contact:** Robert C. Zora **Title:** Superintendent, Marion DPW  
**Telephone #:** (508) 748-3541 **Email:** beckyc@townofmarion.org

### 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:** 

**Printed Name:** Robert C. Zora

**Title:** Superintendent, Marion DPW

**Date:** December 15, 2004

## Part II. Self-Assessment

The DPW Director, Rob Zora plans to reorganize the Stormwater Management Committee and to hold quarterly meetings. This will insure compliance with the measurable goals set in town. Towns permit and that the submittal of the annual report by the set dead line.

The newly organized Stormwater Management Committee will need monies to be able to reach our measurable goals. The Director will seek funding in his 2005-2006 budget.

**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					
1-1 Revised	Educational flyer	DPW Rob Zora	Flyer prepared and distributed	Flyer prepared, lack of funding mail out by May 2005	print and mail out May 2005 with town water bills
1-2 Revised	Annual public meeting	Town Admin BOS DPW	meeting advised and held	May - June 2005 Annual	The storm water comm. will hold meeting and invite public input
1-3 Revised	Posting of maps same	DPW Rob Zora	Maps displayed Same	Maps displayed spring 2003	Maps displayed on going
1-4 Revised	Web page	webmaster same	page developed	Winter 2005 with flyer information	ongoing and needed updates
Revised					
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
2					
2-1 Revised	Public participation	Board of Health & DPW Director	maintain a complaint report file	Ongoing	Ongoing
2-2 Revised	Storm Water management Committee	DPW Director	Meets once a year	Meeting Fall 2004	Meeting quarterly ongoing
2-3 Revised	Annual Selectmens meeting review annual stormwater management comm.	DPW Director Rob Zora	Meeting advertised & held	Ongoing Fall 2004	Meeting annually ongoing
2-4 Revised	Storm drain stenciling	DPW Director Harbormaster	documentation of number of catch basin	Stencils made to be done by boy scouts	ongoing Spring 2005
2-5 Revised	hazardous material collection	DPW Director	stenciling annually	May 1, 2004 by Carver/Marion/Wareham Regional Disposal District	ongoing annually
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
3					
3-1 Revised	Discharge identification	Harbormaster marine dept staff	production of maps	2004 Weweanic River	ongoing Sippican Harbor east
3-2 Revised	drainage mapping	Harbormaster Marine Dept staff	production of maps	Posted Town Hall & Library	ongoing
3-3 Revised	Illicit discharge identification	DPW & BOH	quantity illicit discharges identified	Fall 2004 ongoing	ongoing
3-4 Revised	Illicit discharge prohibition	BOH	necessary regulation changes made	Reviewed winter 2005	ongoing annually
3-5 Revised	BOH Training	BOH	Meeting held	Winter 2005 ongoing	ongoing annually
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
4					
4-1 Revised	conservation commission bylaw review	conservation committee	submission of articles to town meeting if needed	March 2005 ongoing	Annually ongoing
4-2 Revised	planning board subdivision regulation review	Planning Board	submission of articles to town meeting if needed	March 2005 ongoing	Annually ongoing
4-3 Revised	planning board zoning & non-zoning bylaw review & change	Planning Board	submission of articles to town meeting if needed	March 2006 ongoing	Annually ongoing
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 1 (Reliance on non-municipal partners indicated, if any)	Planned Activities -- Permit Year 2
5					
5-1 Revised	conservation commissions bylaw	conservation commission	Review wetland bylaws	ongoing	ongoing
5-2 Revised	planning board subdivision regulations review	planning board	necessary regulation changes made	review ongoing	review ongoing
5-3 Revised	planning board zoning & non-zoning bylaw review	planning board	submission of articles of town meeting needed	review by March 2006	ongoing
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 (Reliance on non-municipal partners indicated, if any)	Planned Activities - Permit Year 2
6					
6-1 Revised	DPW policy guide	DPW Director	preparation of policy guide	ongoing review	review ongoing
6-2 Revised	DPW Annual training	DPW Director	completion of annual training	Annual January	ongoing annually January
6-3 Revised	DPW Permit filing	DPW Director	copies of permits on file	permits filed ongoing	permits filed ongoing
Revised					
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 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 2
Revised				Not Applicable	Not Applicable
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	(y/n) n	
Annual program budget/expenditures	(\$) 3,000.00	estimate

**Education, Involvement, and Training**

Estimated number of residents reached by education program(s)	(# or %)	
Stormwater management committee established	(y/n) y	
Stream teams established or supported	(# or y/n) n	
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.) n	
Household Hazardous Waste Collection Days		
▪ days sponsored	(#) 1	
▪ community participation	(%) unknown	
▪ material collected	sponsored by CMW Refuse District	(tons or gal)
School curricula implemented	(y/n) n	



**Construction**

Number of construction starts (>1-acre)	(#) 20
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) unknown

**Operations and Maintenance**

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr) 1
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr) 1
Total number of structures cleaned	(#) 250
Storm drain cleaned	(LF or mi.) 1/2 mile
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)
Disposal or use of screenings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)	compost
Cost of screenings disposal	(\$ ) 0

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)	est 150 ton
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location) town	compost
Cost of sweepings disposal	(\$)	0
Vacuum street sweepers purchased/leased	(#)	--
Vacuum street sweepers specified in contracts	(y/n)	--
Town owned sweeper DPW		

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

Anti-/De-Icing products and ratios	% NaCl	
	% CaCl <sub>2</sub>	
	% MgCl <sub>2</sub>	
	% CMA	
	% K <sub>ac</sub>	
	% KCl	
	% Sand	
Pre-wetting techniques utilized	(y/n)	n
Manual control spreaders used	(y/n)	y
Automatic or Zero-velocity spreaders used	(y/n)	n
Estimated net reduction in typical year salt application	(lbs. or %)	150 ton
Salt pile(s) covered in storage shed(s)	(y/n)	--y
Storage shed(s) in design or under construction	(y/n)	n