

**Municipality/Organization:** Town of Marion

**EPA NPDES Permit Number:** 4169000

**MaDEP Transmittal Number:** W-

**Annual Report Number**

**& Reporting Period:** No. 3: March 2005-March 2006

## NPDES PII Small MS4 General Permit Annual Report

### Part I. General Information

**Contact Person:** Robert C. Zora

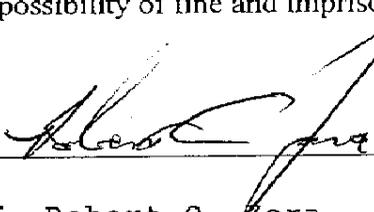
**Title:** Superintendent, Marion DPW

**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:** June 22, 2006

## Part II. Self-Assessment

Rob Zora, the DPW Director again will reorganize the Stormwater Management Committee due to changes of personnel on the local boards and top officials of the Town of Marion. There is additional funding in the DPW budget which should allow us to reach our measurable goals.

**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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
1					
1-1 Revised	Educational Flyer	DPW Rob Zora	Flyer prepared and distributed	Flyer prepared and printed	Print and mail annually with May water bills.
1-2 Revised	Annual Public Hearing	Board of Selectmen Town Administrator	meeting advertised and held	Meeting advertised and held.	The stormwater comm. will hold meeting and invite public input
1-3 Revised	Posting of maps Same	DPW Rob Zora	maps displayed same	Maps on display	Maps displayed ongoing
1-4 Revised	Web Page	webmaster same	Page developed and maintained	Ongoing	Ongoing
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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities - Permit Year 4
2					
2-1 Revised	Public participation	Board of Health	Maintain a complaint	Ongoing	Ongoing
2-2 Revised	Stormwater Management Committee	DPW Director Rob Zora	Report file meets once a year	Meeting held May 05	Meeting annually April - May
2-3 Revised	Annual Selectmens Meeting review	DPW Director Rob Zora	meeting advertised and held	Ongoing	Ongoing
2-4 Revised	Storm drain stenciling	DPW Director Rob Zora	documentation of number of catch basins	Stencils and Painted	Ongoing summer
2-5 Revised	Hazardous material collection	DPW Director Rob Zora	documentation of hazardous material collected	May by CMW 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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
3					
3-1 Revised	Discharge Identification	Harbormaster Marine Dept.	production of maps	Sippican Harbor West	Ongoing
3-2 Revised	Drainage Mapping	Harbormaster Marine Dept.	production of maps	Posted Town Hall & Library	Ongoing
3-3 Revised	Illicit discharge identification	DPW and BOH	quantity illicit discharges and correct	Fall	Ongoing
3-4 Revised	Illicit discharge prohibition	BOH	necessary regulation changes made	Reviewed	Ongoing annually
3-5 Revised	BOH Training	BOH	Meeting held	Winter held	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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
4					
4-1 Revised	Conservation committee bylaw review	conservation committee	Submission of articles at town meeting if needed	Annually ongoing	Annually ongoing
4-2 Revised	Planning board subdivision regulation review	Planning Board	Submission of articles at town meeting if needed	Annually ongoing	Annually ongoing
4-3 Revised	Planning board Zoning bylaw review change	Planning Board	Submission of articles at town meeting if needed	Annually 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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
5					
5-1 Revised	Conservation Committee by-law	Conservation committee	Review wetland by-law	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 & new Zoning by-law review	Planning Board	Submission of articles of town meeting is needed	Review by March	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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
6					
6-1 Revised	DPW Policy Guide	DPW Director Rob Zora	Preparation of policy guide	Ongoing	Ongoing
6-2 Revised	DPW Annual Training	DPW Director Rob Zora	completion of annual training	Annual January	Ongoing annually January
6-3 Revised	DPW Permit Filing	DPW Director Rob Zora	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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
Revised				Not Applicable	Not Applicable
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 %)	85
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

**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	(#) 127	
System-Wide mapping complete	(%)100	
Mapping method(s)		
▪ Paper/Mylar	(%)100	
▪ CADD	(%)100	
▪ GIS	(%)100	
Outfalls inspected/screened	(# or %)100	inspected only
Illicit discharges identified	(#) 0	
Illicit connections removed	(#) 0 (est. gpd)	
% of population on sewer	(%)75	
% of population on septic systems	(%)25	

**Construction**

Number of construction starts (>1-acre)	(#) 21	
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) 10 tons	
Disposal or use of sweepings (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) 2	

Qty. of sand/debris collected by sweeping	(lbs. or tons)	150 tons
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	town compost
Cost of sweepings disposal	(\$)	0
Vacuum street sweepers purchased/leased	(#)	0
Vacuum street sweepers specified in contracts	(y/n)	n

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	10%
	% CaCl <sub>2</sub>	0%
	% MgCl <sub>2</sub>	0%
	% CMA	0%
	% Kac	0%
	% KCl	0%
	% Sand	80%
Pre-wetting techniques utilized	(y/n)	n
Manual control spreaders used	(y/n)	n
Automatic or Zero-velocity spreaders used	(y/n)	y
Estimated net reduction in typical year salt application	(lbs. or %)	100 tons
Salt pile(s) covered in storage shed(s)	(y/n)	y
Storage shed(s) in design or under construction	(y/n)	n