JUN 24 2005

Municipality/Organization: Town of Marion

EPA NPDES Permit Number: 4169000

MaDEP Transmittal Number: W-

Annual Report Number & Reporting Period: **No. 1: March** 04-**March** 05

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Robert C. Zora Title: Superintendent, Marion DPW

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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 16, 2005

Rob Zora, the DPW Director is in the process of reorganizing the Stormwater Management Committee and plans to hold quarterly meetings. Additional funding was added and approved to 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 # 1	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
1-1	Educational	DPW	Flyer prepared	Flyer prepared funding available July 05	Print and mail out August or September 2005
Revised	Flyer	Rob Zora	distributed		
1-2	Annual Public	DPW	meeting	Meeting to be advertised and held in September 05	The stormwater comm. will hold meeting and invite public input
Revised	meeting	Rob Zora	advertised and held		
1-3	Posting of maps	DPW	Maps displayed	maps on display	maps displayed and ongoing
Revised	Same	Rob Zora	Same		
1-4	Web Page	webmaster	Page developed	Winter 2005 with flyer	ongoing and needed updates
Revised		same	and maintained		
Revised					
Revised					

1a. Additions

2. Public Involvement and Participation

BMP ID # 2	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
2-1 Revised	public participation	Board of health & DPW Direc.	maintain a complaint report file	ongoing	ongoing
2-2 Revised	stormwater management committee	DPW Direc. Rob Zora	meets once a year	Meeting was held April 04	meeting was held April 05
2-3 Revised	annual selectmens meeting review	DPW Director Rob Zora	meeting advertised & held	ongoing Fall	Meeting annually ongoing
2-4 Revised	storm drain stenciling	DPW Director Harbor-master	documentation of number of catch basins	stencils and paint on hand - ongoing	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 # 3	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
3-1 Revised	Discharge Identification	Harbormaster Marine Dept.	production of maps	2005 Sippican Harbor east	ongoing Sippican Harbor west
3-2 Revised	Drainage mapping	Harbormaster Marine Dept.	production of maps	Posted Town Hall & Library	ongoing
3-3 Revised	Illicet discharge identification	DPW & BOH	quantity illicit dis-charges identified & corrected.	Fall 2005	ongoing
3-4 Revised	Illicet 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 # 4	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
4-1 Revised	Conservation commission by-law review	Conservation committee	Submission of articles to town meeting if needed	Annually ongoing	Annually ongoing
4-2 Revised	Planning Board subdivision regulation review	Planning Board	Submission of articles to town meeting if needed	Annually ongoing	Annually ongoing
4-3 Revised	Planning Board Zoining by-law review change	Planning Board	Submission of articles to 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 # 5	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
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 # 6	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
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 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year
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 %) 65	
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	(#)	
System-Wide mapping complete	(%) 100	
Mapping method(s)		
▪ Paper/Mylar	(%) 100	
▪ CADD	(%) 100	
▪ GIS	(%)	
Outfalls inspected/screened	(# or %) 100	Inspected only
Illicit discharges identified	(#) 0	
Illicit connections removed	(#) 0 (est. gpd)	
% of population on sewer	(%) 50	
% of population on septic systems	(%) 50	

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 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) 1	
Qty. of sand/debris collected by sweeping	(lbs. or tons)	est 150 tons
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) n	

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 % $CaCl_2$ % $MgCl_2$ % CMA % Kac % 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 %)	100 ton
Salt pile(s) covered in storage shed(s)	(y/n) y	
Storage shed(s) in design or under construction	(y/n) n	