Municipality/Organization: Millville, MA

EPA NPDES Permit Number: MA R041138

MaDEP Transmittal Number: W-063418

Annual Report Number
& Reporting Period: **No. 4: March 2006-March 2007**

AUG 23

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Helen M. Coffin Title: Executive Secretary

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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: Diane O. McCutcheon, CA.

Printed Name: Diane O. McCutcheon

Title: Chairperson, Board of Selectmen

Date: August 20, 2007

Part II. Self-Assessment

The Town of Millville has make progress towards meeting various components of the NPDES Phase II Stormwater Discharge Permit. Public education, outreach and participation have been on-going throughout the permit year. The illicit detection and elimination program is on-going and the Town adopted stormwater management bylaws. Each year, the DPW follows good housekeeping practices and keeps the storm drain system clean of debris.

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1.1	Material Distribution – Distribute Educational Materials	Conservation Commission	Distribute and display educational materials	Educational Materials are displayed and copies are available in public buildings in Town.	Continue to provide copies of educational materials at Town buildings.
1.2	Other	Board of Health / Conservation Commission	Work with the Blackstone River Watershed Association		Continue to work with Blackstone River Watershed Association to educate the public regarding stormwater.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
2.1	Storm Drain Stenciling	Board of Health / Conservation Commission	Town to participate in the Blackstone River Watershed Association Stream Team and Canoe Race		
2.2	Municipal Roads	Conservation Commission	Stencil Storm Drains within the Urbanized Area	Town employees stenciled all storm drains in Permit Year 3. Town employees inspected the storm drain system to see if stenciling was required again.	Review the need to re-stencil storm drains.
2.3	Watershed Organizations	Conservation Commission	Work with the Blackstone River Watershed Association to coordinate and implement additional public education and public outreach programs.	The Conservation Commission worked with the Blackstone River Watershed Association on projects requiring stormwater management and located within the watershed.	Continue to participate in discussions with the Blackstone River Watershed Association on projects.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
ID-1 Revised	Visual Inspection	DPW	All outfalls quarterly	All outfalls are continuously monitored by DPW staff. All outfalls were monitored quarterly on average. Outfalls in problem areas were monitored more frequently. Board of Health has a pond testing program to ensure safe waters for swimming.	DPW staff will continue to routinely monitor outfalls. The Board of Health will continue to monitor water quality in the ponds.
ID-2 Revised	Laboratory Analysis	DPW	When pollution is evident	Problem at local gas station identified in Permit Year 1 has resulted in the site being assigned a DEP tracking number: RTN 4-17825. Monitoring is ongoing at this site. No new problem outfalls have been identified.	Monitoring will continue at gas station. If DPW staff suspects pollutants in outfalls (see ID-1) sampling and additional monitoring will be performed.
ID-3 Revised	Identify and Map all outfalls	DPW	Map and ID all outfalls in the UA.	All outfalls in UA have been mapped in Year 1. The Town is in the process of putting the entire drainage system into GIS.	Carver will maintain and update maps when appropriate.

3. Illicit Discharge Detection and Elimination (Continued)

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
ID-4	Remove source of contaminant	DPW	When pollution is evident	Remediation efforts are being monitored by DEP. No new sources of contaminants have been identified.	Town will continue to make attempts to identify and remove source when pollution is confirmed in outfalls.
Revised					
ID-5	Develop and enact by-law	DPW	By end of year 2	The Town adopted a bylaw governing discharges to the storm drain system. The Board of Health passed storm water regulations in October 2003. The Planning Board put new stormwater regulations in May 2007 and Town Meeting adopted.	No action planned.
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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
CS-1	Develop By-laws	DPW	By end of Year 2 have by-law in place	No action. In Year 1Town reviewed existing mechanisms and determined them to provide adequate authority to regulate construction site erosion and post-construction stormwater management	Continuation of previous permit year activities.
Revised	*Review Current By-law Develop New By-law if necessary*		Review annually, make amendments as needed		
CS-2	Pre-Construction Information Meetings	DPW	1 meeting per construction after by-law implementation	Order of Conditions is issued by the Conservation Commission of the Town for any construction project within 100 feet of a wetland of any size. Order of Construction Conditions issued by Planning Department to the contractor.	Continuation of previous permit year activities.
Revised	*Provide Pre-Construction Information*	Conservation Commission and Planning Department	1 Letter each Conservation Commission and/or Planning Department outlining conditions of construction activities.		

4a. Additions

CS-3	Site Inspections	Conservation Commission and/or Planning Department	Minimum 1 site visit per construction activity.	Conservation Commission and the Town Engineer conduct random site visits to inspect construction activities to ensure construction conditions are being met.	Town will continue to perform random inspections.

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
PC-1	Visual Monitoring	DPW	1 visit following completion of project.	Conservation Commission, DPW and Planning Department conduct post construction inspections. A certificate of compliance is issued by the Conservation Commission upon completion of construction in accordance with the Order of Conditions on projects they are involved in.	Carver will continue activities described in Year 5.
Revised		Conservation Commission and Planning Department as necessary.			
PC-2	Post-construction By-law	DPW	By end of Year 2 have by-law in place.	Town reviewed existing mechanisms and determined them to provide adequate authority to regulate construction site erosion and post-construction stormwater management	Review by-laws annually for compliance to NPDES permit.
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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
GH-1	Employee Training	DPW	Annually	Training was conducted for the DPW in accordance with Carver's Incidence Plan in coordination with Police and Fire.	Carver will continue to identify opportunities for employee education and training relating to protection of water quality.
Revised					
GH-2	Operations and Maintenance Schedule	DPW	Complete by end of Year 1	Completed in Year 1. Town continues to adhere to schedule.	Town will continue to adhere to schedule.
Revised					
GH-3	Operations and Maintenance Implementation	DPW	Follow Schedule Years 2 through 5.	DPW adheres to schedule (see GH-1)	DPW will continue to adhere to schedule.
Revised					
GH-4		DPW	For each GH BMP employed	Records of educational attendance and vehicle maintenance are kept.	Carver will continue to maintain records
Revised					
Revised					
Revised					

6a. Additions

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
GH-5	Proper Storage of Materials	DPW	All materials labeled and in suitable containers	All materials are stored in a manner so as not to be exposed to stormwater.	DPW will continue to store materials in a manner that reduces or eliminates threats to water quality from stormwater.
GH-6	Catch Basin Cleanout	DPW	Regular maintenance and cleanout of catchbasins	Carver DPW annually cleanouts out catchbasins with town-owned equipment. Cleanout logs are maintained. Problems are noted and followed-up on.	Carver DPW will continue to cleanout and maintain catchbasins and update maintenance logs.
GH-7	Storm Sewer Maintenance and Improvements	DPW	Improvements to storm sewer infrastructure	The DPW repaired or replaced storm sewer structures at Beaver Dam and also implemented drainage improvements on High Street. DPW fixes/repairs structures as needed on a yearly basis.	The DPW will continue to identify opportunities for drainage improvements associated with road work.

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) *<<if applicable>>*

There are no TMDLs in Carver

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
Revised					
Revised					
Revised					
Revised					

7a. Additions

7b. WLA Assessment