

2/28/11  
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Municipality/Organization: Town of Wareham

EPA NPDES Permit Number: MAR-04-1168

MaDEP Transmittal Number: W-045147

Annual Report Number No. 6: March 08-March 09  
& Reporting Period: No. 7: March 09-March 10

## NPDES PII Small MS4 General Permit Annual Report

### Part I. General Information

Contact Person: Mark Gifford Title: Director of Municipal Maintenance

Telephone #: (508) 295-5300 Email: mgifford@wareham.ma.us

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: *Mark Gifford*

Printed Name: Mark Gifford

Title: Director of Municipal Maintenance

Date: February 24, 2011

## **Part II. Self-Assessment**

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

**Part II.B.1-6** Any Provisions of Part II.B.1-6 that have not been met are detailed in Part III below.

**Part II.B.8** The Town encourages BMPs that promote groundwater recharge and Standard 3 of the state Storm Water Management Policy. However, specific groundwater recharge/infiltration policies have not yet been developed.

**Part II.F** Failed to submit annual report on or before May 1, 2010. Submitted on February 28, 2011.

**Part III. Summary of Minimum Control Measures**

**1. Public Education and Outreach**

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) – Permit Year 6 and 7 (Reliance on non-municipal partners indicated, if any)</b>	<b>Planned Activities – Permit Year 8</b>
1-1 Revised	Form Partnerships	Town Administrator	Partnerships Developed	The Town continues to work with the Buzzards Bay Project.	Continue to work with the Buzzards Bay Project.
1-2 Revised	Educational Material	Dir. of Municipal Maintenance	Educational Material Developed	Permit Year 6: Educational materials were developed including brochures and postcards. Permit Year 7: The educational materials were made available in the Town Clerk's office, Municipal Maintenance office and the Selectmen's office. In addition, the educational materials were posted on the Town of Wareham's website.	Continue to make educational materials available throughout the Town and on the Town's website.
1-3 Revised	Annual Public Hearing	Town Administrator	Y1. Meetings Held Y2. Radio ads for participation Y3. Community participation in community cleanups Y4. Establish Citizen Watch Groups	The annual meeting on the Phase II Stormwater Permit requirements was not held in both Permit Years. For both Permit Years, the Town invites the public to assist with various activities pertaining to the Phase II permit. The Town participates in the annual Earth Day activities, as well as, various designated beach clean up days.	Continue to invite the public to participate in Phase II activities including Earth Day activities and beach clean up days.

**1a. Additions**

None at this time.



## 2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 6 and 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
2-1 Revised	Encourage Citizen Action	Dir. of Municipal Maintenance	Brochure and flyers prepared in step 1-2 utilized to invite public participation in discharge mapping and detection.	For both Permit Years, the Town invites the public to assist with various activities pertaining to the Phase II permit. The Town participates in the annual Earth Day activities, as well as, various designated beach clean up days.	Continue to invite the public to participate in Phase II activities including Earth Day activities and beach clean up days.
2-2 Revised	Establish Stormwater Committee	Town Administrator	Committee Created	A Stormwater Committee was formed. The members include, but not limited to, the Director of Municipal Maintenance, Board of Health Agent, and the Conservation Agent.	Continue to hold Stormwater Committee meetings.
2-3 Revised	Selectmen's Meeting	Town Administrator	Meeting Held	The annual Selectmen's meeting on the Phase II Stormwater Permit requirements was not held in both Permit Years.	Permit Year 8: Coordinate an annual Selectmen's meeting to be held during Permit Year 9.
2-4 Revised	Storm Drain Stenciling	Dir. of Municipal Maintenance	Record No. of CB's Stenciled	No storm drains were stenciled during Permit Years 6 and 7.	The Town plans to work on reorganizing the storm drain stenciling program in Permit Year 8. During Permit Year 9, at least 30 storm drains will be stenciled.
2-5 Revised	Stream Cleanup	Dir. of Municipal Maintenance	Report on Cleanup Activities	For both Permit Years, the Town invites the public to assist with various activities pertaining to the Phase II permit. The Town participates in the annual Earth Day activities, as well as, various designated beach clean up days.	Continue to invite the public to participate in Phase II activities including Earth Day activities and beach clean up days.

### 2a. Additions

None at this time.

### 3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 6 and 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
3-1 Revised	Discharge Identification	Dir. of Municipal Maintenance	Discharges Identified	The Town has not updated the outfall map with new outfalls during Permit Year 6 and 7.	In Permit Year 8, the Town will start the process to update the drainage system mapping. Since the original drainage system map was produced, new subdivisions and developments with drainage systems have been built. These drainage systems will be added to the drainage system mapping.
3-2 Revised	Prohibition/ Enforcement	Board of Health	Report Prepared, Bylaws Amended	During Permit Year 6 and 7, the Town has not amended the bylaws to provide a mechanism for illicit discharge detection and elimination. However, during both permit years, the Town worked on a Nitrogen Loading Bylaw to better manage nitrogen pollution to the Town's coastal estuaries.	In Permit Year 8, the Town will present the Nitrogen Loading Bylaw at the Fall 2010 Town Meeting. In addition, the Town will start to draft a stormwater bylaw during Permit Year 8. The Town plans to present a stormwater bylaw at the Fall 2011 Town Meeting.
3-3 Revised	Drainage Network Map	Town Planner	Map Produced	The Town has not updated the drainage network map with new outfalls, catch basins, and manholes during Permit Year 6 and 7.	In Permit Year 8, the Town will start the process to update the drainage system mapping. Since the original drainage system map was produced, new subdivisions and developments with drainage systems have been built. These drainage systems will be added to the drainage system mapping.





3-7 Revised	Public Information	Dir. of Municipal Maintenance	Complaint File Completion and Maintenance	The Town produced educational flyers that educated residents about illicit discharges and made them available in various Town buildings. The Town does not have a specific complaint log for stormwater remediation. If a resident calls about an illicit discharge, the message is taken and the Director or Foreman is notified. They, in turn, investigate the call and determine ways to rectify the situation.	Continue educating residents about illicit discharges. Continue current practice of accepting stormwater and illicit discharge calls at the Municipal Maintenance office. The Director or Foreman will investigate the call and determine ways to rectify the situation.
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**3a. Additions**

**None at this time.**





4-3	Zoning Review	Town Planner	<ol style="list-style-type: none"> <li>1. Review bylaw, prepare findings report on necessary changes/amendments to bylaw, revise bylaw to incorporate necessary revisions</li> <li>2. Institute site inspection procedures</li> <li>3. Realize improved water clarity</li> <li>4. Realize increased number of aquatic organisms in water bodies.</li> </ol>	<p>The Town did not update the zoning board bylaws to prevent erosion from construction sites and to control post construction stormwater management during both permit years. However, during both permit years, the Town worked on a Nitrogen Loading Bylaw to better manage nitrogen pollution to the Town's coastal estuaries.</p>	<p>In Permit Year 8, the Town will present the Nitrogen Loading Bylaw at the Fall 2010 Town Meeting. In addition, the Town will start the process to update the zoning board bylaws.</p>
Revised					

**4a. Additions**

**None at this time.**

### 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 6 and 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
5-1 Revised	Conservation Commission Bylaw	Conservation Commission Agent	Bylaw Amended	The Conservation Commission already controls erosion from construction sites and controls post construction stormwater management, although the bylaw language does not directly state this.	The Stormwater Committee with assistance of the Conservation Commission plans to start to draft a stormwater bylaw during Permit Year 8. The Town plans to present a stormwater bylaw at the Fall 2011 Town Meeting.
5-2 Revised	Subdivision Rules and Regulations	Town Planner	Rules and Regulations Revised	The Town did not update the subdivision rules and regulations to prevent erosion from construction sites and to control post construction stormwater management during both permit years. However, during both permit years, the Town worked on a Nitrogen Loading Bylaw to better manage nitrogen pollution to the Town's coastal estuaries.	In Permit Year 8, the Town will present the Nitrogen Loading Bylaw at the Fall 2010 Town Meeting. In addition, the Town will start the process to update the subdivision rules and regulations.
5-3 Revised	Zoning Review	Town Planner	Bylaws Amended	The Town did not update the zoning board bylaws to prevent erosion from construction sites and to control post construction stormwater management during both permit years. However, during both permit years, the Town worked on a Nitrogen Loading Bylaw to better manage nitrogen pollution to the Town's coastal estuaries.	In Permit Year 8, the Town will present the Nitrogen Loading Bylaw at the Fall 2010 Town Meeting. In addition, the Town will start the process to update the zoning board bylaws.

### 5a. Additions

None at this time.

## 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 6 and 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
6-1 Revised	D.P.W. Policy Guide	Dir. of Municipal Maintenance	Policy Guide Developed	In both permit years, the Town did not establish a policy guide for vehicle maintenance and salt storage.	The Town plans to start the development of a policy guide for vehicle maintenance and salt storage.
6-2 Revised	D.P.W. Annual Training	Dir. of Municipal Maintenance	Training Manual Prepared, Employee Training completed, recycling program fully implemented, pesticide reduction implemented	In both permit years, the Town did not complete the training manual for stormwater pollution prevention. However, the Town started a recycling program in Permit Year 6.	The Town plans to continue the recycling program. The Town plans to start the development of a training manual for stormwater pollution prevention.
6-3 Revised	D.P.W. Maintenance Schedule	Dir. of Municipal Maintenance	Maintenance Schedule Developed	Street sweeping and catch basin cleaning are constant and ongoing.	The Town plans to continue street sweeping and catch basin cleaning. In addition, the Town plans to purchase a street sweeping vehicle and catch basin truck which will enable the Town to do a more efficient job with maintaining the streets and catch basins.
6-4 Revised	D.P.W. Permit Filing	Dir. of Municipal Maintenance	Permits on File	On-going filing of all stormwater related projects.	Continue permit filing.

### 6a. Additions

None at this time.



**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 6 and 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
Revised					

**7a. Additions**

7-1	Pooper Scooper Educational Materials	Department of Public Works	Y8. Start to develop educational materials on pet waste and pooper scooper regulations Y9. Distribute educational materials	N/A	The Town plans to develop educational material on pet waste and the pooper scooper regulations.
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**7b. WLA Assessment**  
Not applicable at this time.

**Part IV. Summary of Information Collected and Analyzed**

February 25, 2011

Mr. Fred Civian  
Massachusetts Department of Environmental Protection  
One Winter Street – Fifth Floor  
Boston, MA 02108

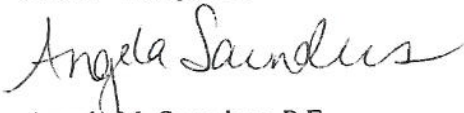
RE: NPDES Small MS4 General Permit Number [MAR041168]  
Year 6 and 7 Annual Report  
Uxbridge, Massachusetts

Dear Mr. Civian:

On behalf of the Department of Municipal Maintenance of the Town of Wareham, BETA Group Inc. is submitting the enclosed Year 6 and 7 Annual Report for NPDES Small MS4 General Permit Number [MAR041168].

If we can be of any further assistance regarding this matter, please contact Jenn Hupp or myself at our office.

Sincerely,  
BETA Group, Inc.



Angela M. Saunders, P.E.  
Project Engineer

cc: Ms. Glenda Velez, US EPA CIP  
Mark Gifford, Wareham Director of Municipal Maintenance

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