

**Municipality/Organization:** Avon, MA

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**EPA NPDES Permit Number:** BRPWM084 MAR041089

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**MassDEP Transmittal Number:** W-044647

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**Annual Report Number  
& Reporting Period:** April 1, 2008 – March 31, 2009

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## **NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2009)**

### **Part I. General Information**

Contact Person: Michael W. McCue

Title: Town Administrator

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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:

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Printed Name: Michael W. McCue

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Title: Town Administrator

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Date: 07 JUN 11

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

**Due to the departure of the former Town Administrator and acclimation of the current Town Administrator there has been a disruption in the furtherance of established BMPs as defined in the following report. The Town of Avon is committed to get back on schedule with the completion of plans and requirements under our Stormwater Permit. That being said, a number of significant advances have taken place in the time period addressed herein.**

**On May 6, 2008 Town Meeting voted to approve two major road and drainage projects; \$2,890,671 for Pond Street and \$3,282,492 for East Spring Street, Robbins Street, Glendon Street, and East High Street. On August 26, 2008 these projects were successfully funded via a debt exclusion vote.**

**The East Spring Street, Robbins Street, Glendon Street, and East High Street project includes replacement of 100-year old water mains and drainage systems, the latter of which have caused flooding in the past.**

**The Pond Street project is two-phased, one being the reconstruction of and drainage replacement and modifications on Pond Street proper, the second being an off-street draining system which slices through the Brentwood section of town, previously identified in past reports as suffering major drainage and flooding issues. Construction on East Spring Street et al is anticipated to begin in the spring of 2009.**

**Work continued and near completion on a \$3,144,250 water filtration and pumping station funded solely by the taxpayers of Avon.**

**The Town, through the Highway Department Budget has continued proper catch basin cleaning schedules as well as clearing and cleaning of various storm culverts, streams and drainage areas.**

**The Town continues to adequately budget for street sweeping that allows the town to minimize the impact of sand and salt on the stormwater drainage system.**

**The Town remains committed to making as much progress with improving our stormwater discharge as is possible, realizing budgetary and manpower constraints.**

### 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</b> (Reliance on non-municipal partners indicated, if any)	<b>Planned Activities – Permit Year 7</b>
101	Stormwater Impacts Mailer	Town Administrator	1 Town Wide Mailing	Project incomplete	Gather information to be included. Design the document. Obtain Funding
Revised					
102	School Stormwater Science Project	Town Administrator with School Supt.	1 Class Science Project	Project incomplete	Discuss with Superintendent and develop appropriate plan
Revised					
103	Stormwater on Local Cable Access Show	Town Administrator	1 show on environmental/stormwater issues	Project incomplete due to lack of participation at cable access	Meet with public access when again active. Discuss content and format of program possibility. Gather information for program
Revised					
104	Youth Stream Cleanup	Town Administrator	Annual Stream Clean Up Day	Project incomplete	The Town has completed an inventory of work to be performed on various streams and drainage areas. We need to determine liability issues. Work with Conservation Commission and Local Civic Groups to develop a plan and schedule
Revised					
Revised					

**1a. Additions**


## 2. Public Involvement and Participation

<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</b> (Reliance on non-municipal partners indicated, if any)	<b>Planned Activities – Permit Year 7</b>
201	Stormwater Management Task Force	Town Administrator	Establishment of Task Force	We have put together a work group consisting of the Highway Department Operations Manager, the Water Department Superintendent, the Town Administrator and the Chairman of the Board of Selectmen	Current priority is dealing with issues needed to be completed under existing permit.
Revised					
202	Publicity of Stormwater related Articles/hearings	Town Administrator	Public Announcements for all stormwater articles/hearing	Drainage Study Review to be completed. Requests will be made through town meeting warrant articles and hearings to provide adequate funding. Link to FEMA NPDES Permits in New England page added to web site	As articles for funding and by-laws progress, hearing will be held with appropriate public notice. Information will also be distributed on the Town's Web Site
Revised					
203	Science Contest sponsored by Business Association	Town Administrator	Stormwater Science Contest	No action at this time	Business Associations are not active. Town is attempting to invigorate them. Will work with the Schools in relation to the Class Science Project and determine if private business involvement in terms of evaluation and prizes.
Revised					
Revised					
Revised					

### 2a. Additions


### 3. Illicit Discharge Detection and Elimination

<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</b> (Reliance on non-municipal partners indicated, if any)	<b>Planned Activities – Permit Year 7</b>
301	Map Stormwater Sewer Infrastructure	Town Administrator and Highway Operations Manager	Completed GIS map	Handwritten map in place. As engineering work is being done on various sections, GIS format is being required. New Drainage Study, for a major portion of the town, has been completed and is in GIS format that will be added to our GIS system	Need to get a determination of cost to convert existing maps to GIS format and seek funding through town meeting
Revised					
302	Education Flier on Basement Good Housekeeping Practices	Town Administrator and Board of Health	1 Town-wide Mailing	The Board of Health issued flyers in relation to compost able materials, recyclables and the handling of hazardous materials. Also posted on Web Site	Board of Health to be approached on other stormwater issues and in addition to a possible flyer, place information on the Town's Web Site.
Revised					
303	Illicit Discharge Hotline	Town Administrator and Highway Operations Manager	Establish Hotline	Ongoing	Currently using existing phone lines. Make residents aware that they should call if they see inappropriate Stormwater System activity. Issue press release and info on web site
Revised					
304	Illicit Discharge Bylaw	Planning Board	Bring By-Law before Town Meeting	Planning Board has enacted an in-house erosion control plan to deal with runoff at construction sites. Will continue to work on avenues in which to control runoff from existing sites.	No further action
Revised					
Revised					
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 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 7
401	Construction Site E & SC Bylaw	Planning Board	Bylaw brought before Town Meeting	The planning Board has created an Erosion Control plan based on EPA's sample plan. Need to discuss further action with the Planning Board	No further action
Revised					
402	Site Plan Review Amendment	Planning Board	Amendment Article brought before Town Meeting	The planning Board has created an Erosion Control plan based on EPA's sample plan. Need to discuss further action with the Planning Board	No Further action
Revised					
Revised					
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 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 7
501	Stormwater Management Bylaw	Planning Board	Bylaw brought before Town Meeting	Erosion Control plan created, based on the EPA's sample control plan	No further action
Revised					
502	Site Plan Review Amendment	Planning Board	Amendment Article brought before Town Meeting	Erosion Control Plan created, based on EPA's sample control plan	No further action
Revised					
Revised					
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 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 7
601	Annual Street Sweeping	Highway Department	Sweep all town streets once per year	Complete	Annual Occurrence
Revised					
602	Annual Catch Basin Clean-out	Highway Department	Clean out all catch basins once per year	Complete	Annual Occurrence
Revised					
603	Environmental Assessment of Highway Maintenance Facility	Highway Operations Manager	Completed Assessment	Assessment has been completed. Immediate corrective action taken. Process of purchasing properly designed catch basin. Working on specifications for holding tank for water run-off from vehicles parked in facility.	Complete project
Revised					
604	Highway/Water Depts. Good Housekeeping Education	Highway Operations Manager and Water Superintendent	At least 1 training for all Water/highway Dept. Staff	Ongoing	Evaluate and assure it has been completed
Revised					
605	Environmental Assessment of Municipal Facilities	Town Administrator	Completed Assessment	Ongoing	Need to determine next step
Revised					
Revised					

Revised					
Revised					
Revised					
Revised					

## 6a. Additions

	Wastewater Management Plan	Board of Selectmen	Plan complete	Assessment of wastewater discharges in Town by outside Engineer. Development of a long term plan to address future wastewater flows. Participation in regional discussions ongoing through OCPC and DEP	Plan still under review by the Massachusetts Department of the Environment. Significant investment made to develop a long term plan to address present and future wastewater discharges.
	Drainage Assessment Brentwood Neighborhood	Board of Selectmen	Study Completed	Plan developed and approved for funding via Town meeting and debt exclusion ballot	Implement drainage plan.

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

<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</b> (Reliance on non-municipal partners indicated, if any)	<b>Planned Activities – Permit Year 7</b>
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					

**7a. Additions**


#### **7b. WLA Assessment**

**The Town's water department is currently monitoring subsurface migration of various pollutants in the area of test well sites on the Brockton/Avon Town Line.**