

Municipality/Organization: Avon, MA

EPA NPDES Permit Number: BRPWM084 MAR041089

MassDEP Transmittal Number: W-044647

**Annual Report Number
& Reporting Period:** April 1, 2009 – March 31, 2010

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:

Printed Name: Michael W. McCue

Title: Town Administrator

Date: 07 JUN 11

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.

An engineering firm was retained and plans completed for the East Spring Street, Robbins Street, Glendon Street, and East High Street drainage. Drainage work was started in the spring of 2010. Water main replacement was started and completed in during this reporting cycle.

An engineering firm was retained and plans completed for the Pond Street. This 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. Work commenced on a RFP for both phases of the project with an anticipated award in Summer of 2010

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

In May 2009 Town Meeting voted to place \$ 3,658,410 in money awarded via the MTBE class action suit into a stabilization fund solely created for water protection projects. A later Town Meeting placed additional MTBE funds in this account.

In November 2009 the Town began a \$50,000 brook clearance project. It was completed in early 2010 and vastly improved flows throughout Avon and certainly lessened the amount of street and house flooding during the spring 2010 floods.

The town applied for and was awarded in January 2010 \$500,000 in Small Town Road Assistance Program funds to for application to the Pond Street project, allowing further improvements to the proposed drainage system.

In March 2010 a major culvert on Ladge Drive which channels the cast majority of Avon's drainage was doubled in capacity, going from one 50LF x 36IN CMP with two 50LF x 48IN RCP.

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

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
101 Revised	Stormwater Impacts Mailer	Town Administrator	1 Town Wide Mailing	Project incomplete	Gather information to be included. Design the document. Obtain Funding
102 Revised	School Stormwater Science Project	Town Administrator with School Supt.	1 Class Science Project	Project incomplete	Discuss with Superintendent and develop appropriate plan
103 Revised	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
104 Revised	Youth Stream Cleanup	Town Administrator	Annual Stream Clean Up Day	Considerable work completed via town meeting funded contractor.	Work with Conservation Commission and Local Civic Groups to develop a plan and schedule to maintain work already completed.
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 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
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	Need to meet to discuss issues 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.	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.
Revised					
Revised					
Revised					

2a. Additions

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3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
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 continued to issue flyers in relation to compostable 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	Posted info on reporting on website to make residents aware that they should call if they see inappropriate Stormwater System activity.	Currently using existing phone lines. Issue press release and info on web site. Fund addition phone line.
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 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
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 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
501 Revised	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
502 Revised	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					

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 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
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	Process of purchasing properly designed catch basin. Specifications for holding tank for water run-off from vehicles parked in facility completed.	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	STRAP funds successfully applied for and won to help fund project.	Implement drainage plan.

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 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 7
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.