

Municipality/Organization: Avon, MA

EPA NPDES Permit Number: BRPWM084 MAR041089

MassDEP Transmittal Number: W-044647

**Annual Report Number
& Reporting Period:** April 1, 2011 – March 31, 2012

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2011)

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: 12 APR 12

Part II. Self-Assessment

Met on October 12, 2011 with EPA Representative Thelma Murphy to discuss status of Avon N NPDES PII Small MS4 General Permit Annual Reporting. Town Administrator, Selectmen Chairman and Highway Superintendent attended an EPA/DEP seminar on Stormwater Management in Brockton on September 20, 2011.

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 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. Contracts for both phases of the project were awarded in summer of 2010. The Pond Street drainage work was completed during this reporting cycle.

In June 2010 Town Meeting voted to place \$ 373,297.77 in money awarded via the MTBE class action suit into a stabilization fund solely created for water protection projects. This was in addition to \$3,658,410 previously committed to this account. This money remains intact.

At a November 2010 Special Town Meeting backed funding \$108,000 for water system improvements on Everett Street and \$4,875 for cleanups at the compost site (a former landfill). The Everett Street project was completed in this reporting cycle and the compost site work continues.

The Town worked with FEMA to update floodplan maps for the area. Acceptance is expected at May 2012 Annual Town Meeting.

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 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
101 Revised	Stormwater Impacts Mailer	Town Administrator	1 Town Wide Mailing	Project incomplete	To be included in FY13 Selectmen’s mailings.
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	Showed EPA/DEP stormwater programs on Avon local cable	Continue to show EPA/DEP stormwater programs on Avon local cable
104 Revised	Youth Stream Cleanup	Town Administrator	Annual Stream Clean Up Day	Grant funds applied for to further stream work.	Await grant funding.
Revised					
Revised					

1a. Additions

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2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
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 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
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. To be included in FY13 Selectmen's mailings.
Revised					
303	Illicit Discharge Hotline	Town Administrator and Highway Operations Manager	Establish Hotline	Currently using existing phone lines. Info on web site.	Completed
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					

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 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
401 Revised	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
402 Revised	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 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
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 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
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	Purchased properly designed catch basin.	Install basin
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	Seek additional funds for additional work	Seek additional funds for additional work

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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
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.