MAY 10 2005

Amesbury

Robert Desmarais, PE
Town Engineer

Engineering Department
Town Hall, 62 Friend Street
Amesbury, MA 01913-2882
Phone: (978) 388-8135
Fax: (978) 388-6727

May 5, 2005

U.S. Environmental Protection Agency
Water Technical Unit
P.O. Box 8127
Boston, MA 02114

Subject: NPDES Phase II Small MS4 General Permit Annual Report
MAR041177
Amesbury, MA

Dear Sir or Madam:

In accordance with the reporting requirements for the NPDES Phase II Small MS4 General Permit, enclosed please find a copy of the Annual Report. A copy of the report will also be forwarded to the Department of Environmental Protection.

If you have any questions or require additional information, please do not hesitate to contact me at (978) 388-8135.

Very truly yours,

Robert Desmarais
Town Engineer

Encl.

Municipality/Organization: **City of Amesbury**

EPA NPDES Permit Number: **MAR041177**

MADEP Transmittal Number: **W-035560**

Annual Report Number & Reporting Period: **No. 2: March 04-March 05**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Robert Desmarais Title: Town Engineer

Telephone #: 978-388-8135 Email: rob@ci.amesbury.ma.us

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: RAD

Printed Name: Robert Desmarais

Title: Town Engineer

Date: 5/5/05

Part II. Self-Assessment

The town of Amesbury has completed the required self assessment. As part of the original NOI for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s), the town proposed to map their stormwater drainage system and outfalls. Due to cuts in state and local funding, however, this work has been delayed until Permit Year 3-5. Once the drainage system is mapped, the Massachusetts Historical Commission, US Fish & Wildlife Service, and Natural Heritage and Endangered Species Program will be contacted to determine whether the eligibility criteria have been met for "listed species", critical habitat, and the protection of historic properties. In the mean time, the town believes that they are in compliance with the other permit conditions.

In addition to the efforts outlined in Part III regarding compliance with minimum control measures, the town has received three grants which have aided in their stormwater efforts during the past two years. The first grant is from the DEM for Lakes and Pond Watershed Demonstration, Restoration and Protection projects to be used for work in the vicinity of Lake Attitash. In cooperation with the Town of Merrimac, the Town of Amesbury has performed/will be performing a number of stormwater improvements. 90% of the catchbasins will be replaced with deep sump catchbasins. Five baffle tanks will be installed to trap sediment entering the lake. One Gunderboom has been installed on the Back River to trap nutrient laden sediment emanating from local farms. Work is on-going to control beach erosion at Camp Bauercrest and to conduct sampling of lake water conducted for pre- and post-construction conditions. The work under this first grant is currently scheduled to be completed in June 2005.

The second grant is from the EPA Ch. 319. The work under this grant involves installing deep sump catchbasins and three baffle tanks along Lake Shore Drive as well as the repair/stabilization of two swales and two outfalls. At this time, the work is scheduled to be completed in June 2005.

The last grant is also from the EPA Ch. 319. The work under this grant involves installing deep sump catchbasins and baffle tanks along Lake Gardner and the Powow River. This work is scheduled to be completed in June 2006 as originally planned.

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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
1a	Publish information on voluntary yard waste program	Town Engineer	Publish in newspaper various times	The town published information regarding the hours of operation, location, materials to be collected, etc. for the yard waste program.	Similar efforts will be continued.
Revised					
1b	Publish information about household hazardous waste program	Town Engineer	Publish flyers and notices in paper and radio in the spring	The town published information regarding the hours of operation, date, location, materials to be collected, etc. for the household hazardous waste program.	Similar efforts will be continued.
Revised					
1c	Publish educational brochure	Town Engineer	Coordinate with public awareness groups and update annually	Poster boards displaying educational material on stormwater were prepared and then set-up at the Town Hall and Public Library for residents to view.	Similar efforts will be continued.
Revised	* *see note*				
1d	Post brochure on town website	IS Dept.	Establish link and update annually	The town posted a generic stormwater brochure on their website.	Efforts will be made to update the website annually.
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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
2a	Voluntary yard waste disposal program	Dept. of Public Works	Conduct annually April-November	The town conducts a yearly voluntary yard waste program from April - November.	Similar efforts will be continued.
Revised					
2b	Conduct meetings regarding stormwater management	Dept. of Public Works/Town Engineer	Conduct one meeting per year	The Lakes & Waterways Commission conducts open meetings numerous times during the year to discuss stormwater issues.	Similar efforts will be continued.
Revised					

2a. Additions

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
3a	Map stormwater drainage system and outfalls	Town Engineer	3 year program using GPS equipment with submeter accuracy	No action taken.	* see note
Revised	* *see note*				

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
3b	Visually inspect outfalls for dry weather flow	Town Engineer	3 year program concurrent with mapping	No action taken.	* see note
Revised	* *see note*				
3c	Develop sampling & analyses program to sample outfalls	Town Engineer	3 year program based on results of outfall inspection	No work proposed in permit year 2.	* see note
Revised	* *see note*				
3d	Develop program to identify and locate illicit connections	Town Engineer	3 year program to smoke test drains based on results of sampling and analysis	No work proposed in permit year 2.	* see note
Revised	* *see note*				
3e	Periodically inspect outfalls	Town Engineer	Annual program once mapping completed. Inspect 25% of outfalls per year	No work proposed in permit year 2.	No work proposed in permit year 3.
Revised					
3f	Develop stormwater use regulations prohibiting illicit discharges	Town Engineer	Incorporate into comprehensive stormwater ordinance	No work proposed in permit year 2.	* see note
Revised	* *see note*				

Note:
(*) Due to cuts in state and local funding, proposed work scheduled for Permit Year 3 may be delayed to Permit Year 4.

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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
4a	Develop a comprehensive stormwater ordinance	Dept. of Public Works, Town Engineer, other Depts.	Obtain approval from Mayor and Municipal Council	No action taken.	Efforts will be made by volunteers and town employees to develop a comprehensive stormwater ordinance.
Revised	* *see note*				
4b	Reassess stormwater management plan	Town Engineer	Perform every three years	No work proposed in permit year 2.	No work proposed in permit year 3.
Revised					
4c	Require erosion and sedimentation control measure plan prior to construction on all projects	Planning Board, Conservation Commission, Town Engineer	Conduct periodic site inspections and monitor and track violations through reports to the Conservation Commission	The Planning Board requires erosion and sedimentation control plans prior to construction. Site visits are conducted periodically to assure the Contractor is in compliance with his proposed plan.	Similar efforts will be continued.
Revised					

Note:
(*) Due to cuts in state and local funding, proposed work scheduled for Permit Year 3 may be delayed to Permit Year 4.

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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
5a	Develop standards for regulating stormwater controls for all new and redevelopment projects and inspect controls	Planning Board, Conservation Commission, Town Engineer	Incorporate into comprehensive stormwater ordinance	No action taken.	The town intends to develop these standards in conjunction with the preparation of the comprehensive stormwater ordinance.
Revised	* *see note*				

Note:
(*) Due to cuts in state and local funding, proposed work scheduled for Permit Year 3 may be delayed to Permit Year 4.

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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
6a	Street sweeping	Dept. of Public Works	Continue program of sweeping twice annually. Track volume of material collected by area. Sweep in late spring and fall with additional sweeping during severe winters.	The town performed street sweeping, however, the amount of debris was not tracked.	Street sweeping efforts will be continued and efforts will be made to track the amount of debris collected during the sweeping.
Revised					
6b	De-icing	Dept. of Public Works	Continue program of using Ice Ban to enhance melting	Ice Ban was not used to enhance melting.	The town does not intend to continue using Ice Ban.
Revised					
6c	Develop Spill Prevention Control Plan for the DPW Garage	Dept. of Public Works	Implement plan and train employees within one year	A Spill Prevention Control Plan was developed for the DPW Garage.	The town intends to train their employees in accordance with the plan.
Revised	* *see note*				
6d	Catchbasin cleaning	Dept. of Public Works	Continue program of catchbasin cleaning twice annually. Track volume of material removed by area.	Due to limited funding, the town cleaned approximately 50% of the catchbasins. The volume of material collected was not tracked.	The town intends to clean the catchbasins twice on a townwide basis. Efforts will be made to track the amount of debris collected during the cleaning.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
6e	Trash removal and recycling	Dept. of Public Works	Continue program of trash removal weekly and curbside recycling biweekly.	The curbside trash removal and recycling programs were conducted.	Similar efforts will be continued.
Revised					
6f	Yard waste disposal	Dept. of Public Works	Continue voluntary program for resident drop-off of yard waste April-November	The voluntary yard waste drop-off program was conducted.	Similar efforts will be continued.
Revised					
6g	Household hazardous waste program	Dept. of Public Works	Continue annual program of conducting a collection day for household hazardous waste	The town conducted a household hazardous waste collection day.	Similar efforts will be continued.
Revised					
6h	Develop storm drain flushing program	Dept. of Public Works	Annual program where selected drains are cleaned in the spring starting the second year of the permit	The town conducted cleaning of selected drains in the Powow Hill and Aubin Street areas as part of its on-going Neighborhood Improvement Program	Similar efforts will be continued.
Revised					
6i	Television inspection of storm drains	Dept. of Public Works	Annual program where selected drains are TV inspected in the spring starting the second year of the permit	No action taken.	Efforts will be made to TV inspect a select number of drains.
Revised	* *see note*				

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
6j	Require spill control plans from all non-residential establishments	Dept. of Public Works	Required within one year	No action taken.	Efforts will be made implement require spill control plans from all non-residential establishments.
Revised	* *see note*				

Note:
(*) Due to cuts in state and local funding, proposed work scheduled for Permit Year 3 may be delayed to Permit Year 4.

6a. Additions

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) - NOT APPLICABLE

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
Revised					

7a. Additions

Part IV. Summary of Information Collected and Analyzed

No information was collected or analyzed.