**Municipality/Organization:** **City of Amesbury**

**EPA NPDES Permit Number:** **MAR041177**

**MassDEP Transmittal Number:** **W-035560**

**Annual Report Number & Reporting Period:** **April 1, 2006 – March 31, 2007**

# NPDES PII Small MS4 General Permit Annual Report
## (Due: May 1, 2007)

**Part I. General Information**

Contact Person: Robert Desmarais Title: Town Engineer

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

Mailing Address: 62 Friend Street, Amesbury, MA 01913

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: Robert Desmarais

Title: Town Engineer

Date: 4/3/07

## 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 4-5. Funding was received in November 2006 for the mappings. Mapping commenced in January 2007. Once the drainage system is mapped, the Mass. Historical Commission, U.S. Fish & Wildlife Service and the 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 meantime, 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 (3) grants which have aided in their stormwater efforts during the past three 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. Ninety Percent (90%) of the catch basins will be replaced with deep sump catch basins.
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 sentiment emanating from local farms. Work is completed to control beach erosion at Camp Bauercrest and to conduct sampling of lake water conducted fro pre- and post-construction conditions. The work under this first grant is currently scheduled to be completed in June 2006.

The second grant is from the EPA Ch. 319. The work under this grant involves installing deep sump catch basins and three baffle tanks along Lakeshore Dr., as well as the repair/stabilization of two swales and two outfalls. The work has been completed.

The last grant is also from the EPA Ch. 319. The work under this grant involves installing deep sump catch basins and baffle tanks along Lake Gardner and the Powow River. This work is scheduled to be completed in June 2007.

The Town of Amesbury has appropriated funding for the implementation of the permit requirements.

| BMP ID # | BMP Description | Responsible Parties | Measureable Goals | Progress on Goals - Permit Year 4 | Planned Activities- Permit Year 5 |
|---|---|---|---|---|---|
| 1 | Public Education | Town Engineer | | | |
| 1a | Publish Info on Yard Waste Program | DPW | Place Ad in Newspaper | Complete | Will be completed |
| 1b | Publsih Info on Household Hazardous Waste | BOH | Place Ad in Newspaper | Complete | Will be completed |
| 1c | Publish Educational Brochure | Town Engineer | Make Brochures available | Complete | Will be completed |
| 1d | Post Brochure on Website | Town Engineer | | In Progress | Will be completed |
| 2 | Public Participation | Town Engineer | | | |
| 2a | Voluntary Yard Waste Program | Town Engineer | Have Program in place | Complete | Will be completed |
| 2b | Conduct Meetings regarding Stormwater Management | Town Engineer | Hold Meetings | Complete | Will be completed |
| 3 | Illicit Discharge Detection and Elimination | Town Engineer | | | |
| 3a | Map Stormwater drainage system | Town Engineer | System Mapped | Started | Will be completed |
| 3b | Outfall Screening | Town Engineer | Outfalls Screened | Started | Will be completed |
| 3c | Sampling and Analysis Program | Town Engineer | Program in Place | Not Started | Will be completed |
| 3d | Illicit Discharge Detection and Elimination program | Town Engineer | Program in Place | Not Started | Will be completed |
| 3e | Periodically Inspect Outfalls | Town Engineer | Outfalls inspected | Not Started | Will be completed |
| 4 | Construction Site Runoff Controls | DPW, Town Engineer, PB, CC | | | |
| 4a | Develop a Comprehensive Stormwater Ordinance | DPW, Town Engineer, PB, CC | Ordinance developed | Started | Will be completed |
| 4b | Reassess Stormwater Management Program | DPW, Town Engineer, PB, CC | Program reassessed | Started | Will be completed |
| 4c | Require erosion and sedimentaiton control measures plan prior to construction of all projects | DPW, Town Engineer, PB, CC | Controls Required | Started | Will be completed |
| 5 | Post Construciton Runoff Control | DPW, Town Engineer, PB, CC | | | |

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|---|---|---|---|---|---|
| 5a | Develop standards for regulating stormwater controls for all new and redevelopment projects | DPW, Town Engineer, PB, CC | Standards Developed | Not Started | Will be completed |
| 6 | Municipal Good Housekeeping | DPW | | | |
| 6a | Street Sweeping | DPW | Streets Swept | Complete | Will be completed |
| 6b | De-iceing | DPW | | Complete | Will be completed |
| 6c | Develop Spill Prevention Control plan for DPW | DPW | Plan Developed | Complete | Complete |
| 6d | Catch Basin Cleaning | DPW | CBs Cleaned | Complete | Complete |
| 6e | Trash removal and recycling | DPW | Trash removed | Complete | Complete |
| 6f | Yard waste disposal | BOH | Yard wasted composted | Complete | Complete |
| 6g | Household Hazardous Waste Program | BOH | HHW Program in place | Complete | Complete |
| 6h | Storm Drain Flushing Program | DPW | Drains Flushed | Not Started | Will be completed |
| 6i | Television Inspeciton of storm Drains | DPW | Drains inspected | Not Started | Will be completed |
| 6j | Requie spill contoll plans from all non-residential establishment | DPW, Town Engineer, PB, CC | SCP required | Not Started | Will be completed |