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Municipality/Organization: **Town of Hadley**

EPA NPDES Permit Number: **MAR041008**

MassDEP Transmittal Number: W222972

Annual Report Number **5**
& Reporting Period: **April 1, 2007 – March 31, 2008**

NPDES PII Small MS4 General Permit
Annual Report
May 1, 2008

Part I. General Information

Contact Person: Michael Klimoski Title: Highway & Water Dept. Superintendent

Telephone #: (413) 586-2390 Email: publicworks@hadleyma.org

Mailing Address: Hadley Highway and Water Department
230 South Middle Street
Hadley, MA 01035

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: G T Devine

Printed Name: Gerry Devine

Title: Chairman, Hadley Board of Selectmen Date: 4/25/08

1.0 Self Assessment

The Town of Hadley received a General Permit for its Municipal Separate Storm Sewer System (MS4) on May 10, 2003. With this report, Hadley will have complete all mandated filings for that five-year General Permit.

Throughout the five-year permit period Hadley has made great strides toward a more environmentally sustainable stormwater management policy. Specifically, the Town has:

- Distributed stormwater management fact sheets to residents in their in water bills.
- Presented informational programs regarding stormwater on their cable access channel.
- Established a Stormwater Management Steering Committee to oversee permit implementation.
- Partnered with the Massachusetts Highway Department to collect all existing utility records and created a Stormwater System Map within the Urban Area.
- Field checked and amended the Stormwater System Map.
- Completed an Illicit Connection Detection Program through the use of dry weather screening and water sampling.
- Partnered with the Pioneer Valley Regional Planning Commission to draft Stormwater Management By-laws.
- Held public meetings and enacted, though Town Meeting, Stormwater Management and Illicit Discharge By-laws.
- Conducted training for public works employees covering good housekeeping practices including spill prevention and control.
- Maintains a program of reducing winter salt on roadways thought the use of alternative deicing methods.

The work under this program has essentially completed all of the items outlined in the initial Notice of Intent for the General Permit.

Stantec is of the opinion that the Town of Hadley has successfully executed its responsibilities under the General Permit.

2.0 Assessment of the Appropriateness of Selected BMPs

The selected Best Management Practices (BMPs) seem to have advanced the goal of the reduction of pollution due to stormwater runoff. The Planning Board now regularly reviews all applicable plans for their Stormwater Management Design, and uses outside consultants to review complicated systems.

Through its Highway Department personnel, the Town has continued to verify and make revisions to the Stormwater System Map within the Urban Area.

The television program "After the Storm", produced by the EPA and provided by the Weather Channel, continues to be shown periodically on Hadley Cable Access Television.

Municipal good housekeeping continued to be an aim of the Department of Public Works (DPW).

The use of calcium chloride as a deicer to replace winter road salt was increased each winter since the Permit has been in effect.

The NPDES Steering Committee, having enacted local by-laws and executed the terms of the General Permit, no longer holds regular meetings. Its members were drawn from Town employees, boards and committees, with Stantec offering technical advice when needed. Most members, therefore, are still actively involved in the Town.

With the force of the by-law, the Town remains vigilant in preventing and eliminating illicit discharges.

3.0 Progress Towards Measurable Goals

3.1 GOALS

The following measurable goals were proposed for implementation during the term of this program, and were completed as shown:

1. Partnership with Lake Warner-Mill River Steering Committee.

   This committee has been dissolved.

2. Distribution of a Stormwater Fact Sheet with the spring water bills.

   Completed.

3. Presentation of an informational video on Hadley Cable Access Television.

   Completed.

4. Establishment of a NPDES Steering Committee.

   Completed.

5. Partnership with the Massachusetts Highway Department to map the storm drainage within the Route 9 corridor.

   Completed.

6. Begin mapping the Town-owned Storm Drainage System within the Urban Area.

   Completed.

7. Dry weather screening and video inspection.

   Completed.

8. Establish illicit discharge hotline.

   Not established.

9. Drafting a by-law for the prevention of illicit discharges.

   Completed.

10. Drafting a by-law for disturbances of over one acre of land.

    Completed.

11. Drafting a by-law for the control of post-construction stormwater runoff.

    Completed.

12. Implement Spill Prevention Control Plan at the DPW yard.

    Completed.

13. Conduct training for maintenance and landscaping crews.

    Informally completed.

14. Incorporate the use of a road salt alternate for winter deicing of roadways.

    Completed.

4.0 Summary of Results

In summary, during the term of the permit, the Town of Hadley has:

- Distributed a fact sheet on urban runoff to all households and businesses.
- Televised an educational stormwater video on its Cable Access Channel.
- Formed a Steering Committee to shape and implement the Town's Stormwater Policy.
- Prepared a map for the Storm Drainage Inventory within the Town's urban area, in partnership with the Massachusetts Highway Department (MHD).
- Implemented a Dry Weather Illicit Discharge Screening Program.
- Adopted Stormwater By-Laws and an Illicit Discharge Ordinance.
- Continued to implement a Spill Prevention Program at the DPW yard.
- Continued to reduce the amount of road salt used for deicing.

5.0 Outside Entities Relied Upon

The following agencies have been a great help in performing the measurable goals stated in the permit, and have the appreciation of the Hadley Board of Selectmen:

- Massachusetts Highway Department
- Massachusetts Department of Environmental Protection
- Pioneer Valley Planning Commission
- Hadley Highway and Sewer Department
- Hadley Board of Health
- Hadley Planning Board
- Hadley Zoning Board of Appeals
- NPDES Steering Committee
- Hadley Police/Fire Departments

Stantec

Stantec Consulting Services Inc.
136 West Street Suite 203
Northampton MA 01060-3711
Tel: (413) 584-4776
Fax: (413) 584-3157

April 29, 2008
File: 195110170

Ann Herrick
US Environmental Protection Agency (EPA)
1 Congress Street (CIP)
Boston MA 02114-2023

And

Fred Civian
Massachusetts Department of Environmental Protection (DEP)
One Winter Street-5th Floor
Boston, MA 02108

Dear EPA and DEP:

Reference: Town of Hadley Massachusetts 2007 NPDES Annual Report

On behalf of the Town of Hadley, Massachusetts, we are submitting the **fifth** and final Annual Report, for the year starting April 1, 2007 until March 31, 2008, as required under the NPDES Phase II General Permit for their MS4.

We hope the enclosed report satisfies all the requirements of the permit. If you have any questions, I can be reached in our Northampton office at 413 584-4776 Ext. 107.

Thank you for your anticipated cooperation.

Sincerely,

STANTEC CONSULTING SERVICES INC.

Steven G. Mason, P.E.
Project Manager
Tel: (413) 584-4776
Fax: (413) 584-3157
steve.mason@stantec.com

Attachment:

c. Michael Klimoski, Hadley Highway and Water Superintendent
Board of Selectmen, Town of Hadley

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