

10/26/11

P.

Municipality/Organization: Town of Blackstone

EPA NPDES Permit Number: MA041015

MADEP Transmittal Number: W-040562

Annual Report Number

& Reporting Period: No. 8: April 2010-March 2011

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Michael Suprenant, PE **Title:** Superintendent of Public Works

Telephone #: (508) 883-9331 **Email:** msuprenant@townofblackstone.org

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: Michael Suprenant

Printed Name: MICHAEL G. SUPRENANT

Title: SUPERINTENDENT OF PUBLIC WORKS

Date: OCTOBER 6, 2011

Part II. Self-Assessment

The Town of Blackstone has completed the required self assessment. This report covers permit year 8. The Town continues to perform annual “Good Housekeeping” tasks such as Annual Household Hazardous Waste Collection Day, catch basin cleaning and inspection, street sweeping, and drain line cleaning. The Town has also made progress in the Public Education and Public Involvement and Participation sections of the Permit. An outside consulting firm has been hired to assist the Planning Board and continues to review site plans for stormwater compliance in proposed developments.

The Town of Blackstone drafted a stormwater bylaw to assist in enforcement related to the removal of illicit connections and to establish general rules and regulations for use of the Town’s Stormwater System during this reporting period. It was subsequently passed. The Town also plans to begin the implementation of IDDE Program Components described in the April 2005 “NPDES Phase II Stormwater Permit—Illicit Discharge Detection and Elimination (IDDE) Program” Report that was submitted as part of the Year 2 Annual report.

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 8 (Reliance on non-municipal partners indicated, if any)
1-1	Provide Educational Materials to Residents	Town Engineer	Blackstone will post information annually in the Blackstone Enlightener and through informational pamphlets (see BMP 2-2).	Negative effects of improper disposal of pet waste and oil in catch basins was discussed on the local access channel in 2009. There has been no further progress during this reporting period.
1-1	Revised	Town Engineer/Blackstone Millville Regional School District Science Department	Blackstone will post information annually on the Town website and on the local access cable stations. Blackstone will distribute informational pamphlets to residents.	No progress this reporting period.
1-2	Evaluate Potential for Classroom Education	Blackstone Millville Regional School District	Meet with Blackstone Millville Regional School District Science Department. Evaluate development of curriculum for high school students.	Stenciling of Town catch basins with a no dumping message was undertaken in partnership with local Boy Scouts in 2008. There was no further progress during this reporting period.

2. Public Involvement and Participation

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)
2-1	Request feedback on the Stormwater Management Plan from Town Officials.	Town Engineer	Send letter requesting input on the Stormwater Management Plan to Town boards and officials.	No progress this reporting period.
2-2	Informational Questionnaire to Residents	Town Engineer	Publish questionnaire in the Blackstone Enlightener requesting information about storm drain systems (e.g. if they are aware of pipes in their yard, foaming).	This questionnaire was published in 2008 and 2009. No further progress was made during this reporting period.
2-3	Status updates to Town Officials	Town Engineer	Present status update to municipal boards on annual basis.	The Department of Public works regularly reports to municipal officials.

3. Illicit Discharge Detection and Elimination

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)
3-1	Stormwater System-Existing conditions	Town Engineer	The Town of Blackstone will prepare base maps.	No change in status. The Town of Blackstone has GPS data for 120 outfalls and many manholes and catch basins within the system.
3-2	Request information from Town residents regarding illicit discharges.	Town Engineer	See BMP 2-2	See 2-2
3-3	Storm Sewer Inspections	Town Engineer	1. Develop inspection checklist 2. Prioritize inspections 3. Create database for existing conditions 4. Identify source(s) of illicit discharge(s).	Storm sewers are inspected on an as needed basis.
3-4	Develop improvement program	Town Engineer	Prepare improvement plan. Evaluate repair costs. Prioritize upgrades based on needs and costs.	No progress this reporting period.
3-5	Capital Improvement Plan	Town Engineer	1. Prepare multi-year capital improvement plan 2. Present plan to Capital Outlay Committee.	Drainage capital improvements are being made on an as needed basis.
3-6	Implement Capital Improvement Plan	Town Engineer/DPW	Implement improvement program to the extent allowable within capital and operational means.	Drainage capital improvements are being made on an as needed basis.
3-7	Enforcement Procedures Addressing Discharges	Planning Board	Blackstone will review whether local authority is appropriate and able to respond to potential illicit discharges. New bylaws, if necessary, will be proposed to Town Meeting.	A new stormwater bylaw was drafted during this reporting period. It was proposed during the May 17, 2011 Town Meeting and was passed. See the attached meeting minutes. No illicit discharges have been discovered. Consequently, there has been no enforcement during this reporting period.

4. Construction Site Stormwater Runoff Control

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)
4-1	Site Plan Review	Town Engineer/Planning Board	Meet with Planning Board to discuss stormwater requirements.	No progress during this reporting period.
4-2	Construction Stormwater Ordinance	Planning Board	Evaluate opportunities to modify planning bylaws to include stormwater ordinance.	A new bylaw regarding this BMP was drafted during this reporting period. The new bylaw was proposed in the May 17, 2011 Town Meeting and was passed. See the attached meeting minutes.
4-3	Enforcement	Planning Board	Evaluate inspection and enforcement opportunities.	No progress during this reporting period.

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 8 (Reliance on non-municipal partners indicated, if any)
5-1	Ordinance-Post Construction	Planning Board/DPW/Town Engineer	Evaluate opportunities to modify planning regulations requiring contractors to guarantee work.	A new bylaw regarding this BMP was planned during this reporting period. The new bylaw was proposed in the May 17, 2011 Town Meeting and was passed. See the attached meeting minutes.

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 8 (Reliance on non-municipal partners indicated, if any)
6-1	Employee Training	Town Engineer/DPW	Establish training needs and program for employees.	Twice a year, prior to catch basin cleaning, the DPW staff reviews a list of items crews should look for during the cleaning operation, such as illegal connections, structural deficiencies, and high levels of sediment.
6-2	Street Sweeping Program	Town Engineer/DPW	Develop program and schedule for sweeping streets.	Street sweeping is completed once per year in the spring. Additional sweeping is done as needed.
6-3	Catch Basin Cleaning Program	Town Engineer/DPW	Develop a program and schedule for cleaning storm drain systems.	Approximately 70% of the catch basins in Town are cleaned each year. Catch basins with high sediment loads and those in areas with a potential for flooding (5% of total catch basins) are cleaned twice per year. The Town monitors catch basin cleaning each year and adjusts the cleaning frequency as required. A catch basin inspection form is used for documentation.
6-4	Other Programs and Policies	Town Engineer	Evaluate the need for other programs and policies that can improve stormwater quality.	No further progress has been made since the purchase of a jet truck in 2008, which is being used to clean high priority drain lines (those with large amounts of sediment and/or those which are in areas prone to flooding).

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA)

Not used.

Part IV. Summary of Information Collected and Analyzed

Not used.