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**Municipality/Organization:** Town of Blackstone

**EPA NPDES Permit Number:** MA041015

**MADEP Transmittal Number:** W-040562

**Annual Report Number**

**& Reporting Period:** No. 10: April 2012-March 2013

## NPDES PII Small MS4 General Permit Annual Report

### Part I. General Information

**Contact Person:** James Sullivan

**Title:** Superintendant of Public Works

**Telephone #:** (508) 883-9331

**Email:** jsullivan@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:**

*James M. Sullivan*

**Printed Name:**

JAMES M. SULLIVAN

**Title:**

SUPERINTENDENT OF PUBLIC WORKS

**Date:**

4-25-13

## **Part II. Self-Assessment**

The Town of Blackstone has completed the required self assessment. This report covers permit year 10 (April 2012 through March 2013). The Town continues to perform annual “Good Housekeeping” tasks such as an ongoing household hazardous waste collection program, 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. All known outfalls have been mapped and a rotating inspection program is ongoing. Additionally, an Illicit Discharge Detection and Elimination (IDDE) Plan was drafted and was submitted to the Town in March 2012.

The Town of Blackstone drafted and passed 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. The Town also plans to begin the implementation of the previously mentioned IDDE plan. The Program Components of the IDDE were 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**

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) – Permit Year 10</b> (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).	In an effort to educate residents and reduce quantities of harmful materials which may be dumped or inadvertently spilled, the town posted and distributed a notice regarding the household hazardous waste collection day, which was held on October 6, 2012. See Attachment A.
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.	The town website links to the town wetlands bylaw, MassDEP regulations and standards page, the Massachusetts Wetland Protection Act, the Blackstone River Coalition homepage, and the MassDEP Rivers Protection Act page.
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. Further progress during this reporting period includes a townwide cleanup which was held in May 2012. All residents were encouraged to pitch in. The recycling center accepted items collected at no cost and food and activities for children were provided.

## 2. Public Involvement and Participation

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) – Permit Year 10</b> (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.	Representatives of the Department of Public Works regularly meet with town boards and officials and discuss the stormwater management program.
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 10 (Reliance on non-municipal partners indicated, if any)
3-1	Stormwater System-Existing conditions	Town Engineer	The Town of Blackstone will prepare base maps.	The Town of Blackstone has GPS data and maps for outfalls, manholes and catch basins within the system. Additional information is provided by ongoing inspection of stormwater outfalls by a consultant.
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	<ol style="list-style-type: none"> <li>1. Develop inspection checklist</li> <li>2. Prioritize inspections</li> <li>3. Create database for existing conditions</li> <li>4. Identify source(s) of illicit discharge(s).</li> </ol>	96 stormwater outfalls were mapped and visually inspected during the previous reporting period. For these outfalls, an IDDE plan has been developed. 8 outfalls showed possible indicators of illicit discharges. Reinspection and testing (if required) is scheduled for the Spring of 2013 to determine if an illicit discharge is present or not.
3-4	Develop improvement program	Town Engineer	Prepare improvement plan. Evaluate repair costs. Prioritize upgrades based on needs and costs.	The improvement program is dependent on the results of the IDDE Plan. It will be developed after the IDDE plan has been implemented.
3-5	Capital Improvement Plan	Town Engineer	<ol style="list-style-type: none"> <li>1. Prepare multi-year capital improvement plan</li> <li>2. Present plan to Capital Outlay Committee.</li> </ol>	At this time, drainage capital improvements are being made on an as needed basis. More detailed plans are dependent on the results of the IDDE Plan.
3-6	Implement Capital Improvement Plan	Town Engineer/DPW	Implement improvement program to the extent allowable within capital and operational means.	At this time, drainage capital improvements are being made on an as needed basis. More detailed plans are dependent on the results of the IDDE Plan.
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.	<p>A new stormwater bylaw was drafted during Year 8. It was proposed during the May 17, 2011 Town Meeting and was passed.</p> <p>No illicit discharges have been discovered during this reporting period. Consequently, there has been no enforcement during this reporting period. However, locating and correcting illicit discharges is the intent of the IDDE Plan. Reinspection and testing (if required) of outfalls which showed indications of illicit discharges is planned for the spring of 2013.</p>

#### 4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 10 (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.	Requirements have been determined and a bylaw has been enacted.
4-2	Construction Stormwater Ordinance	Planning Board	Evaluate opportunities to modify planning bylaws to include stormwater ordinance.	A bylaw regarding this BMP was drafted during the previous reporting period. The bylaw was proposed in the May 17, 2011 Town Meeting and was passed. Meeting minutes showing passage of and containing the bylaw were attached to the Permit Year 8 Annual Report.
4-3	Enforcement	Planning Board	Evaluate inspection and enforcement opportunities.	During this reporting period, the Town worked proactively with the developer of a new housing subdivision off Glenside Drive to prevent stormwater pollution by construction runoff. Prior to Hurricane Sandy, the Department of Public Works asked the contractor to secure construction materials and shut down work until the storm passed. The contractor complied. The Town will continue to engage contractors and developers to ensure best practices are followed at all times.

#### 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 10 (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 bylaw regarding this BMP was planned during the previous reporting period. The bylaw was proposed in the May 17, 2011 Town Meeting and was passed. See the Permit Year 8 Annual Report attachment for the meeting minutes and text of the bylaw.

## 6. Pollution Prevention and Good Housekeeping in Municipal Operations

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) – Permit Year 10</b> (Reliance on non-municipal partners indicated, if any)
6-1	Employee Training	Town Engineer/DPW	Establish training needs and program for employees.	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 (March and April). Public Works employees sweep all paved roads during this period. Additional sweeping is performed as needed.
6-3	Catch Basin Cleaning Program	Town Engineer/DPW	Develop a program and schedule for cleaning storm drain systems.	Approximately 30% of the catch basins in Town were cleaned during this reporting period. Catch basin cleaning is performed in the summer, after street sweeping is complete. 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.	In addition to catch basin cleaning, the Town jets drainage piping on a rotating basis. During this reporting period, a total of approximately 750 linear feet of piping on Weston Street, Milk Street, Rathburn Street, David Drive, and Bellingham Road was cleaned.  The Department of Public Works also has a plan in place and materials on hand for response to hydraulic oil spills (due to burst or leaking construction equipment hydraulic lines) on construction sites or in the Town yards.

## 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.

Town of Blackstone MA  
Phase 2 Stormwater Management Plan Annual Report

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**Attachment A**  
**Household Hazardous Waste Collection Advertisement**

# Blackstone Valley Recycling

Saturday, October 6, 2012 9:00 -1:00 PM

at the Blackstone Millville Regional High School  
175 Lincoln Street, Blackstone, MA 01504

**NO Charge to BLACKSTONE**  
**RESIDENTS**

## ELECTRONICS

- Audio and Video Tapes
  - Batteries- ALL
  - Cameras
  - Cell Phones
  - Complete Computer Systems
  - Computer Mouse
  - Copy Machines
  - CPU (tower)
  - Data Cartridges
  - DLT Tapes
  - Docking Stations
  - External CD-ROM drives
  - External Modems
  - Fax Machines
  - Floppy Drives
  - Hard Drives
  - Keyboards
  - L.C.D. Flat Screens
  - Laptops
  - Main Frames
  - Matrix Switch/Multiplexers
  - Microwaves
  - Monitors
  - Office Printers
  - Overhead Projectors
  - Palm Pilot Or Other Handheld Device
  - Power Supply
  - Reel-To-Reel Tapedecks
  - Scanners
  - Servers (depending on size)
  - Slide Projectors
  - Stereos
  - Stereo Speakers
  - Switch/HUB Devices
  - Tape Drives
  - Telephone Systems
  - Televisions
  - Terminal
  - Typewriters
  - UPS Back-Ups/Batteries
  - VCR/DVD Players
  - Video Recorders
  - Work Stations
- ALSO
- Air Conditioners/Dehumidifiers,
  - Propane Tanks
  - Refrigerators
  - Stoves
  - Tires
  - Washing Machines
  - Clothes Dryers

## HOUSEHOLD HAZARDOUS WASTE

This is for household waste. No commercial business waste will be accepted e.g., painting contractors.

Turpentine/Paint Thinner  
Engine Degreasers  
Poisons/Insecticides  
No-Pest Strips/Flea Powder  
Fiberglass Resins  
Furniture/Floor/Metal Polishes  
Spot Removers  
Swimming Pool Chemicals  
Oil Based Paint/Varnish/Stain

Carburetor Cleaner/  
Brake Fluid  
Weed Killers/Moth  
Balls  
Hobby/Artist Supplies  
Photo Chemicals/  
Chemistry Sets  
Oven/Toilet Bowl/  
Drain Cleaners

Dry Cleaning Solvents  
Fuels: Kerosene/Gasoline  
Transmission Fluid/Car Wax  
Wood Preservatives  
Rubber Cement/Airplane Glue  
Cleaning Supplies  
Rug & Upholstery Cleaners  
Septic Tank Degreasers

### EXAMPLES OF WHAT NOT TO BRING

Latex Paint  
Ammunition, Fireworks  
Infectious/Biological Wastes  
PCB's  
Explosives  
Prescription Medicines / Syringes

Prescription Medicines/ Syringes  
Empty Aerosols  
Radioactive/Gas Cylinders  
Smoke Detectors  
Compressed Gas Cylinders

If you have questions about an item NOT shown on this list,  
please call the Board of Health office at 508-883-1500 ext 129