

Municipality/Organization: Town of West Boylston

EPA NPDES Permit Number:

Mass DEP Transmittal Number:

**Annual Report Number: Year Twelve (13 & 14)
& Reporting Period: 1 APRIL 2015 – 31 March 2017**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Butch Jackson

Title: Director of Public Works

Telephone #: 508-835-4820

Email: vjackson@westboylston-ma.gov

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: Butch Jackson

Title: Director of Public Works

Date: April 25, 2017

Part II. Self-Assessment

West Boylston instituted a Pay-As-You-Throw (PAYT) program for municipal solid waste management on July 1, 2009, and the Program continues with success. Recycling went from 20% to 32%, and remain stable. In 2011, the Town implemented Single-Stream recycling as well, and recycling levels continue at levels consistently above 31%.

West Boylston is committed to full compliance with its Notice of Intent (NOI), and looks forward to complying with the new Permit anticipated to be finalized in 2017. The Town invested \$180K in a new street sweeper in 2013, and \$120K in a new catch basin truck that was delivery in June 2015 – to further mitigate stormwater pollution. Also of note was DPW's revised approach to snow and ice control. The cognizant change was to eliminate use of sand as much as possible, and use an EPA-designated DFE product ("Clearlane") in winter 2013-14, and Ice-B-Gone in winter 2014-15 which is essentially a NaCl treated with MgCl. Clearlane and Ice-B-Gone performances have been very good in our first three years of use, in terms of reduced sandy roads, quicker ice melting, and lower temperature melting. Sand was needed on a few occasions due to icy precipitation. This difficult industry pattern has been cause to consider upsizing and replacing DPW's, 40+ year-old salt shed. The overriding goal remains to eliminate as much sand as possible from deicing operations, and in doing so, remove that host for non-point source pollution. Side benefits will be reduced street sweeping and catch basin cleaning time, effort, expense and residuals.

Listed below are all of the activities that were required in this most-recent year of the permit and the activities that have taken place. Activities that are not required at this time have not been listed. Details of those activities can be found in the Permit.

I note appreciation for assistance by the Board of Selectmen, the Town Administrator, the Board of Health, the Public Works Department, the School Department, the DCR's Water Quality Department, and the rest of the Municipal Team and other individuals that have contributed to the Town's Stormwater Program. Protection of water resources, whether surface or groundwater is a high priority for the Town of West Boylston, so we appreciate assistance by other organizations as noted above. Public education continues in order to foster respect for the Wachusett Reservoir as a potable water source for the MWRA, and for the brooks and streams tributary to the Reservoir.

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 14 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
1a	Local cable channel	DPW	Air one new message annually	Message is aired on local cable channel.	➤ Continue to air message(s). ➤ Conduct public service/info
1b	Update stormwater information to website	DPW	Complete update.	The town's Stormwater bylaw is posted on the town's website.	Continue to post bylaw.
1d	Inform residents of town recycling programs	DPW	Distribute program schedule to all town residents	➤ The town instituted a Pay As You Throw program for municipal solid waste on July 1, 2009. Recycling > 31%. ➤ The DPW's website contains information on recycling. ➤ Single-stream recycling program implemented	Continue to mail the WEST BOYLSTON RECYCLING INFO to all town residents on an annual basis. Single stream recycling continues. DPW Website updated periodically.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 14 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
2a	Collect household hazardous waste from residents	DPW, Board of Health	Arrange for hazardous waste collection days	➤ A permanent hazardous waste collection site was constructed by the Department of Conservation and Recreation (DCR) in West Boylston and is called the Wachusett Watershed Regional Recycling Center. West Boylston residents dropped off hazardous waste during public events.	Continue to be a member of the Wachusett Watershed Regional Recycling Center to allow residents to properly dispose of their hazardous waste. There are currently four collection days per year.
2b	Implement annual, volunteer waterways clean-up day	DPW, Board of Health, Sewer Dept, DCR	Hold waterways clean-up day once per year.	The DCR holds an annual clean-up day on Earth Day, and DPW encouraged participation.	Continue to support the DCR's annual clean-up day. Consider event on America Recycles Day in November.
2c	Develop storm drain stenciling program	DPW		DPW and volunteers worked on CB stencil program. Storm drains have been stenciled in the past.	Will be working with volunteers and DCR to stencil catch basins, and help inspect/photograph outfalls.
2d	Make SWMP available for public review/comment	DPW	Post SWMP on town website and in DPW	The SWMP is available for public review.	The SWMP will continue to be available for public review.
2e	Pet Waste Management in Neighborhoods	DPW & DCR	Monitor less Pet Waste in Catch Basins	Mailed approx. 150 letters to Woodland Heights neighborhood in 2014 to educate on pet waste pollution. DPW removed dozens of pet waste bags from catch basins.	Quantify pet waste findings; revise letter to neighborhood, possibly to thank for cooperation.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 14 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
3a	Map outfalls, receiving waters, and storm drain system	DPW & DCR	Mapping Completed, more planned for pipes	➤ The mapping of the Town's drainage infrastructure is mostly complete, through combined efforts of Weston & Sampson Engineers, DPW and DCR. ➤ The DPW and the Planning Board's inspection engineer, VHB, monitored all subdivision construction and required developers to properly maintain erosion control measures and to take all necessary corrective actions during construction.	Conduct GIS/GPS efforts in conjunction with DCR and Central Mass Regional Stormwater Coalition.
3b	Develop illicit discharge detection & elimination plan	DPW	Make recommendations for proposed sampling plan	The DPW checks catch basins and outfalls for illicit discharge on an annual basis when cleaning its catch basins	Continue annual checks, and work to locate and eliminate pollution sources
3e	Present bylaw for town meeting action	DPW	Evaluate Stormwater Bylaw, and revise as needed	Town meeting approved a "Stormwater Bylaw" in 2010	Plan dry-weather inspection of outfalls to assess existing conditions. SW Bylaw to be edited in the future.
3f	Water Quality Sampling	DPW	Conduct WQ Sampling		Document zero-minimum pollutants; locate and remove pollution sources identified.

4. Construction Site Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 14 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
4c	Present bylaw for town meeting action	DPW	Bylaw Enacted	Town meeting approved a “Stormwater Bylaw” in 2010	Continued coordination with the Planning Board for construction inspections, Bylaw update in 2015.
4e	Develop/modify site inspection practices	DPW/Planning Board	If necessary, make recommendations for updating existing practices	No modifications necessary – Planning Board recently updated its Subdivision Regulations to include stormwater BMPs and they are enforced and inspected by their inspection engineer, VHB.	Continue coordination with the Planning Board for construction inspections. DPW assists with inspections as needed.

5. Stormwater Management Program Summary

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 14 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
5c	Review existing bylaws and regulations	Planning/Zoning/ Building/Sewer	Determine whether existing bylaws/regs are adequate	Town meeting approved a “Stormwater Bylaw” in 2010	Coord w/Planning & Building Depts. Make adjustments for new Permit.
5e	Develop/modify bylaws for construction site runoff	Planning/Zoning/ Building/Sewer	If necessary, propose recommendations for bylaw updates	Town meeting approved a “Stormwater Bylaw” in 2010	Coord w/Planning & Building Depts. Make adjustments for new Permit.

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 14 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
6a	Sweep Streets	DPW	Sweep all streets	The DPW sweeps all of its 55 miles of public roads annually in the spring. Town bought a new street sweeper for \$180K in 2013. The State also sweeps its roads in town.	Continue to sweep all public roads annually, April-May. Revised winter deicing operations reduced use of sand, and altered type of salt used – being a mixture of NaCl and MgCl which holds the EPA's DFE-endorsement.
6b	Clean/Repair catch basins	DPW	Clean all catch basins	The DPW attempts to clean all of its catch basins annually after the streets have been swept.	Continue to try to clean all catch basins annually.