

Municipality/Organization: Town of West Boylston

EPA NPDES Permit Number:

Mass DEP Transmittal Number:

**Annual Report Number: Year Fifteen (15)
& Reporting Period: 1 APRIL 2017 – 31 March 2018**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Butch Jackson

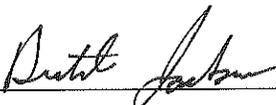
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Certification:

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 20, 2018

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 2018. 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 five 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 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16
1a	Local cable channel	DPW	Air one new message annually	Message is aired on local cable channel.	<ul style="list-style-type: none"> ➤ 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	<ul style="list-style-type: none"> ➤ 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 	<p>Continue to mail the WEST BOYLSTON RECYCLING INFO to all town residents on an annual basis.</p> <p>Single stream recycling continues.</p> <p>DPW Website updated periodically.</p>

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16
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	Added pet waste info to a Town Wide mailer as pet waste is still being detected at some locations.	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 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16
3a	Map outfalls, receiving waters, and storm drain system	DPW & DCR	Mapping Completed, more planned for pipes	<ul style="list-style-type: none"> ➤ 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 with the DCR 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/DCR	Conduct WQ Sampling	DCR conducts water quality sampling annually.	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 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16
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 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16
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 15 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 16
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 greatly 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.

APPENDIX 1

The following information describes the cooperative efforts between the Department of Conservation and Recreation (DCR) and the Town of West Boylston from April 2017 – March 2018, and indicates a combined commitment to protecting and restoring water resources proximate to the Town, through its Stormwater Management Program. Many of the MS4 control measures continue to be addressed cooperatively by area communities through efforts of the Central Massachusetts Regional Stormwater Coalition. The DCR Division of Watershed Management continues to work with communities and independently to address stormwater issues.

Public Education and Outreach (CM1)

The permittee shall implement an education program that includes goals based on specific stormwater issues within the small MS4 community. The ultimate goal is to create a change in public behavior and knowledge so that pollutants in stormwater are reduced.

The DCR Division of Water Supply Protection continues to assist watershed communities with public education and outreach efforts. The following took place in West Boylston during the current reporting period.

West Boylston:

- 200 copies of updated DCR dog waste brochures with MS4 letter mailed to Town Clerk for distribution
- Bulletin board in meeting room at John Augustus Hall had information on pet waste, nutrient pollution, salt and sand BMPs and Climate Change effects on surface waters
- Participated in West Boylston scarecrow festival with a scarecrow and a clean water message
- DCR kiosk at Oakdale Rail Trail parking lot updated with stormwater info, including a stronger pet waste notice/message
- 100 copies of DCR General Construction Site Supervision Stormwater tips brochure sent to Conservation Commission for distribution with letter explaining MS4 program
- 100 copies of DCR Importance of Stormwater Basin Maintenance brochure sent to Conservation Commission for distribution with letter explaining MS4 program
- Pharmaceutical disposal brochures were made available at the Recycling Center
- Household Stormwater Pollution Prevention brochures available at the Recycling Center
- Fire Department stormwater brochures mailed to West Boylston FD
- Student pet waste brochures handed out at Major Edwards School
- Letters and 'Stormwater Tips for Businesses' were mailed out to businesses located along Route 12

- Town Wide information letter sent out with information regarding the proper way to handle pet waste. Specific instructions included to not drop pet waste bags into catch basins.

Watershed-wide:

- Mass Envirothon - stormwater is now a part of the statewide curriculum. Approximately 400 copies each of Pet Waste, Household Stormwater Pollution Prevention, and Non-permitted Discharges brochures were distributed.
- Created a “Stormwater Pollution Prevention Public Service Announcement” to be read by Ranger Staff at all public interpretive programs.
- Participated in Mass Municipal Association annual conference workshops on stormwater by assisting with outreach materials and expanded dog waste outreach materials (attended by watershed municipal officials)
- All DCR kiosks updated twice during 2017 with information related to stormwater
- All DCR stormwater brochures made available at Nashua Riverfest
- Participated in Thomas Prince Arts festival; DCR stormwater brochures
- 500 copies of DCR Non-permitted discharges brochure were distributed at the DPW Expo and copies were also mailed with entrance tickets to watershed DPWs
- 500 copies of DCR Importance of BMP Maintenance brochure were distributed at the DPW Expo and copies were also mailed with entrance tickets to watershed DPWs
- 200 copies of DCR Stormwater Tips for the Business Community brochure and MS4 letter sent to Wachusett Area Chamber of Commerce for distribution to members
- 200 copies of DCR Household Stormwater Pollution Brochures made available at Tower Hill Botanic Garden
- 200 copies of DCR Dog waste and Surface waters brochure made available at Tower Hill Botanic Garden
- DCR dog waste brochure was e-mailed to all residents of the Lofts at Lancaster Mills (Clinton) by complex management and also posted in all common areas
- DCR provided all stormwater outreach materials at a table at the Massachusetts Envirothon competition, attended by panelist of judges from local area.

Interaction with an additional 2500 students, teachers, and members of the public occurred at more than forty events and workshops across the watershed during the reporting period. Topics presented in Holden and Rutland included area history, wildlife, recreation, and how a watershed works. As part of all interactions, staff took the opportunity to remind people about protection of the environment and the water supply and provided specifics about stormwater issues and solutions.

Public Involvement and Participation (CM2)

The permittee shall provide opportunities for public participation in the review and implementation of the SWMP.

Opportunities for public involvement and participation in stormwater management decisions and activities have increased as a result of the efforts of the Central Massachusetts Regional Stormwater Coalition. Actions taken by the group are cooperative measures focused on more efficient and cost effective efforts to manage stormwater and should be very familiar to town officials.

DCR staff participated in the annual Johnny Appleseed Festival (+4,000 attendees) by having a table with stormwater education materials. The event was attended by more than 3,000 people. 'We All Live Downstream' wristbands, stormwater brochures (Household Stormwater Pollution Prevention, Dog Waste, Non-Permitted Discharges to the Storm Drain System) and coloring sheets, activity sheets, and books for children were available at both of these events.

The DCR remains open to any and all proposals to work cooperatively with citizens in the watershed communities on activities that engage the public in efforts to control stormwater runoff and protect surface water quality.

Illicit Discharge Detection and Elimination (IDDE) Program (CM3)

The permittee shall implement a program to eliminate sources of non-stormwater from the storm sewer system and prevent illicit connections and discharges. The permittee must develop a storm sewer system map with locations of all outfalls and names of all waters that receive discharges. The permittee must effectively prohibit, through ordinance or other regulatory mechanism, non storm water discharges into the system and implement appropriate enforcement procedures.

The DCR and WBDPW have done extensive mapping of catch basins and stormwater drainage structures to meet this requirement. DCR and WBDPW staff continue to improve and update maps by adding connectivity information and directional flow and will coordinate continued teamwork efforts.

DCR personnel continue to look for illicit discharges or other stormwater problems during routine stream investigations and will pass on any relevant information to the WBDPW. Likewise, WBDPW stays alert to abnormal discharges while conducting concerted stormwater investigations or any other O&M throughout the Town.

Construction Site Stormwater Runoff Control (CM4)

The permittee shall continue to enforce a program to reduce pollutants in stormwater runoff discharged to the MS4 from construction activities that result in a land disturbance of more than one acre. The program should include an ordinance that requires use of

sediment and erosion control practices at construction sites.

Routine inspections of construction sites that disturb more than one acre are done by the DCR during dry and wet weather. In accordance with Town Bylaw, WBDPW or its designee inspects construction sites that disturb land of 10,000 SF or greater. Records of such inspections are with DPW, Planning Board or Zoning Board, in-line with the highest project approval. Site inspections were completed by the DCR during the April 2017-March 2018 period. No significant problems were identified and all minor necessary remedial activities were completed promptly. Monthly summaries of inspections and any remediation efforts are on file at DCR offices in West Boylston and are available for review.

The DCR completed, in 2017, BMP's on Rte. 12, Beaman Street and on Rte. 140 near the Boylston Town line to better mitigate any runoff near the Wachusett Reservoir.

Post Construction Stormwater Management – New Development/Redevelopment (CM5)

The permittee shall continue to implement and enforce a program to address post construction stormwater runoff from new development and redevelopment projects that disturb one or more acres and discharge into the municipal stormwater system. The objective of this control measure is for the hydrology resulting from new development to mirror or improve pre-development hydrology of the site and reduce discharge of stormwater. An ordinance or other regulatory mechanism to address post construction runoff from new development and redevelopment should be in place.

The DCR continues to monitor structural best management practices (BMPs) in the watershed and determine maintenance needs. DCR interviewed and hired an additional environmental analyst in 2018 to work specifically on stormwater issues and to interact with watershed communities. DCR staff routinely inspects 499 storm water structures at 65 sites within the watershed. Very few require maintenance beyond vegetation and/or sediment removal. Detention basins in West Boylston are cleaned at DCR's request.

All agricultural sites are regularly monitored by DCR staff for stormwater related issues such as erosion and manure runoff. Most sites do not pose a risk to storm drain systems or surface waters. During the reporting period inspections were done at eighteen sites in Sterling, thirty eight sites in Holden, one site in West Boylston, seven sites in Boylston, six sites in Rutland, and two sites in Paxton. No problems were noted at the West Boylston site during the past twelve months.

Good House Keeping and Pollution Prevention for Permittee Owned Operations (CM6)

The permittee shall implement an operations and maintenance program for municipal operations that includes a training component and will prevent or reduce pollutant runoff and protect water quality.

The DCR continues to offer a Stormwater Pollution Prevention Training Program for DCR maintenance staff and municipal employees in watershed communities. Trained DCR Water Supply Protection labor and supervisory staff on BMPs and Good Housekeeping practices (Approximately 50 employees)

DCR staff continued to work with the West Boylston DPW director on cooperative efforts to manage stormwater, identify and maintain BMPs throughout town, and at the DPW yard, where a sediment collection system is monitored and maintained on a regular basis by the Town.

APPENDIX 2

Summary of Activities by the Central Massachusetts Regional Stormwater Coalition (CMRSWC) April 1, 2017 – March 31, 2018

In FY 17, the Town of West Boylston continued to be an active participant in the Central Massachusetts Regional Storm water Coalition. The Coalition has put up many Templates and extremely useful information on it's website over the last 5 years and continues to be one of if not the most proactive Coalitions in the area.

Overview of the Coalition

The FY2017 Coalition includes 30 towns: Ashland, Auburn, Charlton, Dudley, Fitchburg, Framingham, Grafton, Holden, Hopkinton, Leicester, Lunenburg, Marlborough, Millbury, Natick, Northbridge, Northborough, Oxford, Palmer, Paxton, Rutland, Shrewsbury, Southborough, Southbridge, Spencer, Sterling, Sturbridge, Upton, Uxbridge, West Boylston and Westborough.

The Coalition was officially formed in FY2012 with 13 members, expanding to 30 in FY2013. Its FY2014, 2015, 2016 and 2017 work expanded efforts initiated in previous years to comply with requirements anticipated in the new Massachusetts MS4 Permit when it becomes final, which is expected sometime in 2018. The Coalition's continued efforts were facilitated by the consulting firms of Tata & Howard, Inc., and Verdant Water, and Fuss & O'Neill supported by vendor PeopleGIS. However, the Coalition members themselves continue to be responsible for putting the tools developed by the Coalition to use.

The Coalition was honored as a recipient of the first Annual "Best Stormwater Idea in New England", also known as a STORMY Award (*see image below*). This honor was bestowed by the New England Stormwater Collaborative, a joint effort of the New England Water Environment Association (NEWEA), the New England Chapter of the American Public Works Association (APWA), and the New England Water Works Association (NEWWA). A representative from the Town of Uxbridge accepted this honor at a ceremony in Worcester, MA on April 1, 2015.

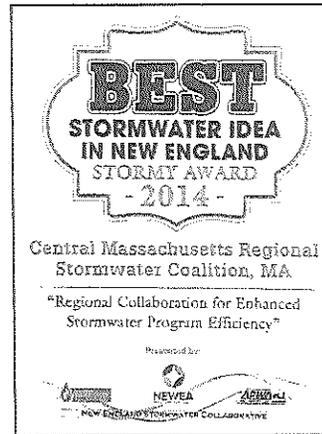


Figure 1: CMRSWC's "STORMY Award" for Collaborative Efforts in Stormwater Management

The Coalition's Partnerships in Central Massachusetts

The Coalition continues to be actively engaged with many water quality agencies and organizations and is committed to sharing the knowledge it has developed for the benefit of other communities. These efforts are discussed in following sections as they relate to the following organizations:

- Massachusetts Department of Environmental Protection (MassDEP)
- United States Environmental Protection Agency (USEPA)
- Other Massachusetts Stormwater Coalitions
- New England Water Environment Association (NEWEA)
- Massachusetts Municipal Association (MMA)

Additional organizations and entities are mentioned elsewhere throughout this Annual Report, reflecting the wide network of knowledge and experience that the Coalition has tapped into.

Massachusetts Department of Environmental Protection (MassDEP)

The Coalition continued its partnership with the MassDEP in FY2017. The Coalition appreciates the ongoing dedication of MassDEP to work with our members so closely and collaboratively.

United States Environmental Protection Agency

The Coalition continued collaboration with technical assistance staff in USEPA Region 1, with the goal of benefiting from knowledge and experience of the agency's staff and from its network.

Other Massachusetts Stormwater Coalitions

The Coalition continues to coordinate with "sister" groups with a similar stormwater focus that are also funded at least in part by CIC Grants. These include:

- The Merrimack Valley Stormwater Collaborative (coordinated by the Merrimack Valley Regional Planning Commission);
- The Neponset Valley Regional Stormwater Collaborative (coordinated by the Metropolitan Area Planning Council); and
- The Northern Middlesex Stormwater Collaborative (coordinated by the Northern Middlesex Council of Governments)

Administrators from each of these groups are invited to attend Coalition Steering Committee meetings. Further, the Coalition coordinated with each of these "sister" coalitions during preparation of its comments on the 2017 Draft Massachusetts Small Municipal Separate Storm Sewer (MS4) Permit to ensure consistency in suggestions and revisions submitted to the US EPA.

New England Water Environment Association (NEWEA)

The Coalition was pleased to receive a \$2,000 competitive grant from the NEWEA Humanitarian Assistance & Grants Committee in September 2014. This grant was used to purchase a second Nonpoint Source hands-on educational EnviroScape model (www.enviroscapecom/nonpoint-source.html) for use by Coalition members (the first was purchased in Year 10 with funds from the first CIC Grant).

The photo below was taken at the Coalition's October 7, 2014 training workshop for CMRSWC communities, and shows Todd Girard (Conservation Agent in Charlton, MA) demonstrating to other members how the EnviroScape table can be used as an education tool for kids of all ages, as well as adults. This train-the-trainer format increases confidence of our members to do outreach on the topic of stormwater pollution prevention in their own communities.

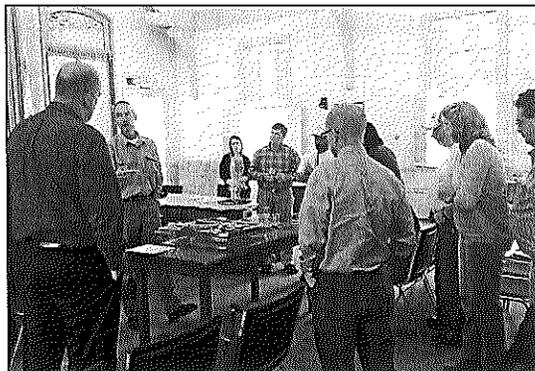


Figure 2: CMRSWC Members Learn How to Demonstrate Stormwater Pollution Prevention Using the Coalition's Nonpoint Source EnviroScape model

With the purchase of this second model, the CMRSWC made this popular resource more readily available across the substantial geographic spread of our 30 municipal members. The presence of second unit also allows towns to easily demonstrate the impacts of stormwater pollution and ways to prevent it, showing the resulting differences in water quality when Best Management Practices (BMPs) are installed on one unit, but not on the other unit. One model is stored in Charlton, MA, and the other stored in Shrewsbury, MA to facilitate any member town having easy access to the tool.

The NEWEA grant award exceeded the Coalition's application, so remaining funds were used to replenish the consumable materials used in the demonstration, including food coloring, baking soda, clay, and sponges.

Massachusetts Municipal Association (MMA)

Members of the Coalition have been active in the MMA for years, including Robin Craver, Town Administrator for Charlton, MA and an active Coalition leader, who serves on MMA's Policy Committee on Energy and the Environment. This Committee formulates policy related to stormwater, water quality, water supply, wetlands, coastal areas, and other related environmental issues and represents a way for the Coalition to learn from (and share) ideas around the Commonwealth.

Minimum Control Measure 1: Public Education and Outreach

This year's activities included routine meetings of the Coalition's Steering Committee, a day-long refresher training workshop (and FY2017 Kickoff Meeting) and a workshop in November to educate members about the 2018 Draft Massachusetts Small Municipal Separate Storm Sewer (MS4) Permit and identify concerns. West Boylston participated in the training workshops, reviewed deliverables, and served other key roles as described in this Annual Report.

The main issues we continue to get out to the public are:

- Sustainable infrastructure resources
- APWA's Public Works Week outreach activities
- Pet waste management
- Available webinars and training events
- Erosion control practices
- Green infrastructure
- Appropriate fertilizer application
- Environmentally-friendly best management practices for snow and ice control
- Drought and innovative water recycling/reclamation efforts
- Proposed changes to definition of Waters of the US
- USEPA's "WaterSense" program
- The role of public education in developing successful stormwater funding programs.

This year the Coalition continued to expand its efforts to educate the public and other communities about its work. Several Coalition members have chosen to use some of their "one-on-one" time to expand their efforts on this MCM. Updates will be provided in future Annual Reports.

Water quality monitoring was conducted by the DCR through ongoing efforts to assist the Town and protect the Wachusett Reservoir.

The Coalition continued to expand its educational website, www.CentralMAStormwater.org, focused on providing information about the project to a number of audiences, including the general public, educators, and kids.

Minimum Control Measure 2: Public Involvement and Participation

West Boylston continued to utilize several presentations and maintain website information on stormwater management, with content focused on educating elected officials and municipal department heads about the requirements of the 2003 Small MS4 Program, changes likely in the anticipated 2018 Massachusetts MS4 Permit, and the financial impact these potential changes may have on Massachusetts communities.

Minimum Control Measure 3: Illicit Discharge Detection and Elimination

West Boylston continues to clean and inspect its catch basins annually and the DCR also monitors for illicit discharge at the outfalls.

Minimum Control Measure 4: Construction Site Stormwater Runoff Control

Construction activities- including erosion control, stormwater pollution prevention, and appropriate management of waste materials- are covered in the Stormwater Best Management Practices (BMP) Toolbox. The Stormwater BMP Toolbox was written to inform the general public about the importance of managing private construction projects responsibly. The Coalition provides training on this topic periodically.

Minimum Control Measure 5: Post-Construction Stormwater Management in New Development and Redevelopment

West Boylston continues to use the Stormwater Best Management Practices (BMP) Toolbox, developed as a Draft in Year 10 and finalized in Year 11. This tool compiles the stormwater post-development tools currently permitted and encouraged for small development or redevelopment, specifically single-family homes and limited commercial renovations that have a small development footprint. The Stormwater BMP Toolbox provides technical data, design factors, and construction limitations with these BMPs in non-technical language.

The objective was to provide the average property owner with easy-to-understand information that encourages them to select low-impact stormwater management tools for their properties, construct them safely, and maintain them for long-term benefit. The BMPs in the Toolbox are consistent with the requirements of the current Small MS4 Permit, the Massachusetts Stormwater Handbook, and other current guidance documents. The Coalition provided training on this topic at a workshop in 2014 and 2016.