

**Municipality/Organization:** Town of Boylston

**EPA NPDES Permit Number:** MAR041095

**MassDEP Transmittal Number:** W-049574

**Annual Report Number & Reporting Period:** Year 15  
April 1, 2017 – March 31, 2018

## NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2018)

### Part I. General Information

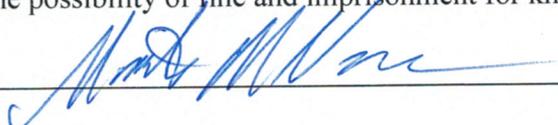
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**Mailing Address:** 221 Main Street, Boylston, MA 01505

#### 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:** Martin McNamara

**Title:** Town Administrator

**Date:** 4/30/18

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

In Permit Year 15 (April 1, 2017 through March 31, 2018), the Town of Boylston continued to implement its Stormwater Management Program. As part of developing the Annual Report, the Town evaluated compliance of the Stormwater Management Program with the conditions of the *NPDES General Permit for Stormwater Discharges from Small MS4s*, effective May 1, 2003, as required by Part II.D.1 of the permit. As of the end of Year 15, the Town has achieved nearly all of the measurable goals for the BMPs selected in the 2003 Notice of Intent and those added in subsequent years to reflect unplanned stormwater activities by the Town.

The Massachusetts Department of Conservation and Recreation (DCR) Division of Water Supply Protection continues to be an integral partner for the Town to achieve many of the Small MS4 program requirements.

During development of a Notice of Intent for the 2016 General Permit, Boylston will reassess its stormwater management program to develop an effective program that meets requirements of the new General Permit and best leverages Boylston's limited staff and financial resources to achieve measurable results.

### Part III. Summary of Minimum Control Measures

Note that the “Planned Activities” column has been deleted from this Annual Report. In Fiscal Year 2019, the Town of Boylston will focus on compliance with the new requirements of the 2016 MA Small MS4 General Permit, including assessment of existing stormwater practices, policies, and Town-wide stormwater-related programs, preparation of the Notice of Intent, and implementation of Best Management Practices to address the permit requirements for each Minimum Control Measure.

#### 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)
PE-1	Partner with Local Organization	Stormwater Committee/Town Admin.	Y3-5: Identify local group/organization with interest in stormwater to partner with	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The Town continued its partnership with DCR during Permit Year 15 to achieve many program requirements, including all aspects of stormwater within the Wachusett Reservoir Watershed. DCR has taken additional responsibility within the Watershed throughout the permit term to assist with public education, public involvement, drainage mapping, construction site inspections, bylaw review and revisions, and municipal employee training.</p>
PE-2	Stormwater brochure	Town Admin.	Y2-5: Distribute one brochure per year to residents and industries in Boylston	<p>Measurable goals for 2003 General Permit have been met.</p> <p>DCR continued to provide the Town with educational brochures that contain information about stormwater issues specific to homeowners, businesses, and developers, including tips to reduce contamination during “Car Wash Fundraisers,” “Non-Permitted Discharges to the Storm Drain System,” information about the “Swimming Pools and Surface Water Quality,” and information about the Central Mass Mosquito Control project in “Mosquitoes and You.” These brochures are available at Town Hall and Tower Hill Botanic Garden. A brochure regarding solids and liquid waste (oils, paints, etc.) recycling is available at the Wachusett Watershed Recycling Center. This effort helps keep chemicals out of stormwater. The DCR also includes a brochure entitled “Household Stormwater Pollution Prevention” in mailings to new homeowners listed in land transfers.</p>
PE-3	Provide stormwater information at Town buildings	Town Admin.	Y2-5: Brochures will be available in the Town Hall	<p>Measurable goals for 2003 General Permit have been met.</p> <p>Several stormwater brochures continued to be available at Town Hall during Permit Year 15. See BMP PE-2 for brochure topics.</p>

<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 15</b> (Reliance on non-municipal partners indicated, if any)
PE-4	Pet Waste	Town Admin.	Y1-5: Post signs at public park lands for pet owners to properly dispose of waste	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The Town continued maintenance of pet waste signs. Pet waste stations were installed at two recreational fields around Town in Permit Year 14. All waste stations are resupplied with waste bags when needed by the Parks &amp; Recreation Department, and maintained by the Highway Department.</p>
PE-5	Feature SW info on town public access cable station	Town Admin.	Y2-5: Feature SW info on cable station	<p>Measurable goals for 2003 General Permit have been met.</p> <p>No measurable goals were planned for Permit Year 15. No new stormwater information was run on the local cable station this year, but the measurable goal was met in previous permit years.</p>
PE-6	Stormwater presentations at schools	Stormwater Committee and DCR	Y2-5: Include stormwater issues in yearly environmental presentations at High School	<p>Measurable goals for 2003 General Permit have been met.</p> <p>No measurable goals were planned for Permit Year 15. Through DCR's efforts, stormwater is now part of the Mass Envirothon statewide curriculum. DCR Rangers and education staff provide educational programs to students and the general public throughout the year that address a variety of topics, including stormwater issues. Stormwater pollution prevention public service announcements are read by Ranger staff at all public interpretive programs.</p> <p>Programs were held in Boylston on seven occasions during this Permit Year that were attended by 242 residents.</p>

## 2. Public Involvement and Participation

Note that the “Planned Activities” column has been deleted from this Annual Report. In Fiscal Year 2019, the Town of Boylston will focus on compliance with the new requirements of the 2016 MA Small MS4 General Permit, including assessment of existing stormwater practices, policies, and Town-wide stormwater-related programs, preparation of the Notice of Intent, and implementation of Best Management Practices to address the permit requirements for each Minimum Control Measure.

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)
PP-1	Partner with local organization	Stormwater Committee/Town Administrator	Y3-5: Identify group to partner with (DCR)	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The Town continued its partnership with DCR (see BMP PE-1).</p> <p>A local environmental group, Keep Boylston Beautiful, holds an annual Spring Clean Up event to pick up trash and debris from around Town. The third annual pick up in Boylston and was held on Saturday, April 22 and 23, 2017 from 8:30 AM to 5:00 PM. 150 volunteers participated to pick up more than 200 bags of trash. A Fall Clean Up event was also held on October 14 and 15, 2017 from 8:30 AM to 5:00 PM, where 125 bags of litter and trash were picked up from local streets and parks. Keep Boylston Beautiful also has an active presence on social media, reminding residents to pick up litter and recycle.</p>
PP-2	Place Traveling Display at various locations	Town Admin.	No activities planned for Y2-5.	Measurable goals for 2003 General Permit have been met. No measurable goals were planned for Permit Year 15.
PP-3	Incorporate SW into public meetings	Town Admin.	Y3-5: Present updates to the SWMP. Continue to invite stormwater discussion at one meeting per year.	<p>Measurable goals for 2003 General Permit have been met. Stormwater management topics were discussed periodically at Stormwater Committee meetings and Conservation Commission meetings during Permit Year 15, which are open to the public in accordance with MGL Ch 39 S23B and local public notice meeting requirements. The Conservation Commission continues to monitor NPDES requirements and voted to increase the stormwater-related budget in anticipation of future permit requirements.</p> <p>DCR Ranger Staff read a “Stormwater Pollution Prevention Public Service Announcement” at all public interpretive programs.</p>

<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 15</b> (Reliance on non-municipal partners indicated, if any)
PP-4	Poster Contest	Town Admin.	Develop concept and approach local scouting troops.	Measurable goals for 2003 General Permit have been met. The Poster Contest is no longer feasible due to lack of interest. In previous permit years the Stormwater Committee has given local Scout troops opportunities to participate in the Stormwater Program. In Permit Year 14, a local Boy Scout troop completed a cleanup effort on the trail system around Town. There were no Scouting activities in PY15.
<i>Revised</i>	Stormwater Events with School-aged Residents	Stormwater Committee	Provide opportunities for stormwater learning through youth organizations and/or classroom programs	Continued relationship with DCR and worked with them on outreach to local school children to meet intent of this BMP (see BMP PE-6).
PP-5	Stormwater Committee	Town Admin.	Y1-5: Review SWMP each year and coordinate efforts of all Town offices.	The Stormwater Committee continued to manage the Town's stormwater program and meet as needed to implement planned stormwater management activities. The Committee also communicated frequently throughout the year by email and phone.
PP-6	DCR Sponsored Events	DCR	Y9: Continue efforts to engage the general public in stormwater issues and watershed topics	DCR staff participated in the Wachusett Reservoir Dam Openings in May and October 2017 and displayed various stormwater education materials at the event, including DCR stormwater brochures and EPA educational materials.  Programs were held in Boylston on seven occasions during this Permit Year that were attended by 242 residents.

### 3. Illicit Discharge Detection and Elimination

Note that the “Planned Activities” column has been deleted from this Annual Report. In Fiscal Year 2019, the Town of Boylston will focus on compliance with the new requirements of the 2016 MA Small MS4 General Permit, including assessment of existing stormwater practices, policies, and Town-wide stormwater-related programs, preparation of the Notice of Intent, and implementation of Best Management Practices to address the permit requirements for each Minimum Control Measure.

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)
ID-1	Drainage Mapping	Stormwater Committee	Y5: Update map with outfall locations in priority areas.	<p>Measurable goals for 2003 General Permit have been met.</p> <p>Drainage system mapping was conducted by the Town’s stormwater consultant during Permit Year 6. A GPS unit was used to locate 171 drainage structures, including 14 outfalls, in Boylston’s Urbanized Area outside of the Wachusett Reservoir Watershed.</p> <p>Highway Department staff and the Town’s stormwater consultant conducted an additional day of field investigation during Permit Year 7 that focused on potential outfall locations identified in Permit Year 6. Field personnel GPS-located 7 additional outfalls, 4 additional drain manholes, and 9 additional catch basins. It was determined that one outfall from the mapping effort completed in Permit Year 6 was actually a culvert.</p> <p>In total, the Town has located 191 drainage structures, including 20 outfalls.</p> <p>The DCR has also mapped more than 350 drainage structures within the Wachusett Reservoir watershed, which is largely outside of Boylston’s Urbanized Area. Structure locations and features were included in a GIS-based map of the drainage system. DCR continues to improve and update mapping with online corrections and field inspections, including adding connectivity and flow direction information. This updated mapping will be provided to Boylston.</p>

<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 15</b> (Reliance on non-municipal partners indicated, if any)
ID-2	Eliminate Illicit Discharges	DPW and Board of Health	Y3-Y5: Implement Plan	<p>Measurable goals for 2003 General Permit have been met.</p> <p>All outfalls in Boylston’s urbanized area have been inspected during dry weather. Highway Department staff is trained to identify illicit discharges during routine infrastructure maintenance.</p> <p>No illicit discharges or connections are suspected at this time.</p> <p>The DCR continued to conduct weekly monitoring at three tributaries to the Wachusett Reservoir in Boylston during this permit year. During the monitoring, DCR also completes visual observations for illicit discharges or other stormwater problems. During Permit Year 15, DCR did not find any evidence of an illicit discharge from Boylston’s urbanized area.</p>
ID-3	Develop and implement an illicit discharge by-law	Board of Health and Stormwater Committee	Y4: Present by-law at Town meeting and finalize Y5: Implement and enforce by-law.	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The Storm Drain By-law was adopted at Annual Town Meeting on May 4, 2009. This by-law prohibits non-stormwater discharges, including illegal dumping, into the municipal storm drain system and includes enforcement procedures and actions. The Board of Health is responsible for implementing and enforcing the by-law.</p>
ID-4	Educate citizens	Board of Health	Y3: Notify public of IDDE plan Y4: Notify public of upcoming IDDE by-law Y5: Notify public of new by-law in place Y6: Notify public of upcoming IDDE by-law	<p>Measurable goals for 2003 General Permit have been met.</p> <p>No additional activities were planned for Permit Year 15. Measurable goals have been met in prior permit years.</p> <p>Information about illicit discharges is provided in the brochure the DCR has developed entitled “Non-Permitted Discharges to the Storm Drain System.” (See PE-2 for more information.)</p>

#### 4. Construction Site Stormwater Runoff Control

Note that the “Planned Activities” column has been deleted from this Annual Report. In Fiscal Year 2019, the Town of Boylston will focus on compliance with the new requirements of the 2016 MA Small MS4 General Permit, including assessment of existing stormwater practices, policies, and Town-wide stormwater-related programs, preparation of the Notice of Intent, and implementation of Best Management Practices to address the permit requirements for each Minimum Control Measure.

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)
CS-1	Develop and implement Construction Site Runoff Control Program	Con. Com.	Y3-Y5: Implement Construction Site Runoff Control Program	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The Stormwater Control By-law was adopted on October 16, 2006 and continues to be enforced. The Stormwater regulations were adopted by the Conservation Commission on December 17, 2007.</p> <p>Construction site runoff control measures are implemented through the stormwater permitting process. The Conservation Commission or their authorized agent inspects all construction sites that require a local Stormwater Management Permit or Wetlands Notice of Intent.</p> <p>The Boylston Conservation Commission tracks the number of projects, enforcement actions taken, and remedial activities completed. In Permit Year 15, 5 permits were processed and none required enforcement. Additionally, several large commercial development projects were completed this Permit Year, with successful pre- and post-construction stormwater monitoring.</p> <p>DCR staff routinely inspects large construction sites (disturbing one acre or more) during wet and dry weather for compliance with stormwater standards. No inspections were completed in Boylston in Permit Year 15 as there are no active large construction sites in Town.</p>
CS-2	Develop and implement Erosion and Sediment Control By-law	Con. Com	Y5: Implement by-law	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The Stormwater Control By-law was adopted on October 16, 2006. The Stormwater regulations were adopted by the Conservation Commission on December 17, 2007. The by-law is implemented and enforced by the Conservation Commission. Construction site runoff control measures are implemented through the stormwater permitting process.</p>

## 5. Post-Construction Stormwater Management in New Development and Redevelopment

Note that the “Planned Activities” column has been deleted from this Annual Report. In Fiscal Year 2019, the Town of Boylston will focus on compliance with the new requirements of the 2016 MA Small MS4 General Permit, including assessment of existing stormwater practices, policies, and Town-wide stormwater-related programs, preparation of the Notice of Intent, and implementation of Best Management Practices to address the permit requirements for each Minimum Control Measure.

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)
PC-1	Develop and implement Post-Construction Runoff Control Program	Con. Com.	Y3-5: Implement Post-Construction Runoff Control Program	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The Stormwater Control By-law was adopted on October 16, 2006 and continues to be enforced. The Stormwater regulations were adopted by the Conservation Commission on December 17, 2007.</p> <p>Post-construction runoff control measures are implemented through the stormwater permitting process. In Permit Year 15, 5 permits were processed and none required enforcement. Additionally, several large commercial development projects were completed this Permit Year, with successful pre- and post-construction stormwater monitoring.</p>
PC-2	Develop and implement post-construction runoff regulations	Con. Com.	Y4: Implement by-law. Y5: Review effectiveness of by-law and enhance if necessary.	<p>Measurable goals for 2003 General Permit have been met.</p> <p>Post-construction runoff control measures are implemented through the Stormwater Control By-laws and Regulations (see BMP PC-1 above).</p> <p>DCR continues to monitor agricultural sites in Boylston for stormwater related issues such as erosion and manure runoff. No problems or violations were noted at any of the 7 locations visited during Permit Year 15.</p> <p>DCR routinely monitors structural BMPs within the Wachusett Reservoir watershed to identify any maintenance needs. DCR inspected 2 sites (owned by the DCR) in Boylston during Permit Year 15, and noted that there was a need for sediment removal at 1 site, which has subsequently been scheduled.</p>

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

Note that the “Planned Activities” column has been deleted from this Annual Report. In Fiscal Year 2019, the Town of Boylston will focus on compliance with the new requirements of the 2016 MA Small MS4 General Permit, including assessment of existing stormwater practices, policies, and Town-wide stormwater-related programs, preparation of the Notice of Intent, and implementation of Best Management Practices to address the permit requirements for each Minimum Control Measure.

<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 15</b> (Reliance on non-municipal partners indicated, if any)
GH-1	Employee training program	Highway Dept.	Y2-Y5: Hold one good housekeeping workshop per year at Highway Department	<p>Measurable goals for 2003 General Permit have been met.</p> <p>Good housekeeping practices are routinely implemented. During regular meetings with personnel, good housekeeping measures for the drainage system as they relate to stormwater practices are discussed, such as drain system maintenance and identifying illicit discharges.</p> <p>Highway staff have also participated in training events held by the DCR when offered. This permit year, the DCR distributed information to the Highway and Parks &amp; Recreation Departments, including an EPA document entitled “Green Infrastructure in Parks” and a letter that discussed restrictions of herbicide spraying.</p>
GH-2	Catch basin cleaning	Highway Dept.	Y1-Y5: Highway Department will clean each catch basin in the urbanized area of Town once per year.	The Highway Department cleaned all catch basins at least once in Permit Year 15 and cleaned priority areas twice using a clamshell truck. Outfalls are also cleaned on an as-needed basis.
GH-3	Street sweeping	Highway Dept.	Y1-Y5: Highway Dept. will sweep every street in the urbanized area once per year	Highway Department swept all streets and roads during Permit Year 15 and more frequently in high priority areas.

<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 15</b> (Reliance on non-municipal partners indicated, if any)
GH-4	Recycling program	Highway Dept.	Y1-Y5: Continue Town's waste oil collection	<p>In addition to curbside recycling, residents of the seven Wachusett-area towns, including Boylston, can bring recycling, paints/chemicals, and bulk items to the Wachusett Watershed Regional Recycling Center in West Boylston. Information about items collected (free or for a fee), operating hours, and special events is available at <a href="http://www.wachusettearthday.org">http://www.wachusettearthday.org</a>. Wachusett Earthday, the volunteer organization which operates the Recycling Center, displays brochures in Town Hall about the services they provide.</p> <p>The Town advertises the Recycling Center services through local cable TV advertisements and a mailed flyer.</p>
GH-5	Municipal Operation and Maintenance Plan	Highway Dept.	Develop schedule for municipal maintenance activities	<p>Boylston required preparation of O&amp;M Plans, including stormwater management and pollution prevention practices, at some private properties in Town, including the Regional High School, the Frito Lay facility, and the Cyprian Keyes Golf Club. O&amp;M of private BMPs is also a requirement for all development and redevelopment projects that require a local Stormwater Management Permit.</p> <p>The Town conducts routine operations and maintenance of infrastructure, roadways, and Town-owned properties. The Highway Department also continues to make operational improvements, such as upgrading the vehicle fleet for increased fuel efficiency.</p> <p>The Town completed construction of a new highway facility in 2017, which incorporates stormwater pollution prevention practices.</p>
GH-6	Reporting	Highway Dept.	Record stormwater management activities	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The Highway Superintendent presents a monthly report of Department activities to the Board of Selectmen, which includes stormwater-related activities when applicable. The report is recorded in the meeting minutes, which are available on the Town website.</p>

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

Note that the “Planned Activities” column has been deleted from this Annual Report. In Fiscal Year 2019, the Town of Boylston will focus on compliance with the new requirements of the 2016 MA Small MS4 General Permit, including assessment of existing stormwater practices, policies, and Town-wide stormwater-related programs, preparation of the Notice of Intent, and implementation of Best Management Practices to address the permit requirements for each Minimum Control Measure.

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)
TMDL-1	Check current impairment lists	DPW	<p>Y1: There are no completed TMDL studies for receiving waters in Boylston’s urbanized area.</p> <p>Y2-Y5: Check current MA Integrated List of Waters each Winter for newly listed waters</p>	<p>Measurable goals for 2003 General Permit have been met.</p> <p>The Town reviewed the final Massachusetts 2014 Integrated List of Waters and MassDEP TMDL website during Permit Year 15.</p> <p>A Draft pathogen TMDL report is available for the Nashua River Watershed.</p> <p>Wachusett Reservoir is currently listed as Category 4A for Mercury in Fish Tissue. Note that mercury is considered a legacy pollutant that is not associated with stormwater.</p> <p>There is a final TMDL of Phosphorus for Selected Northern Blackstone Lakes, including Newton Pond. Newton Pond is currently listed as Category 4A for Aquatic Plants. The 2016 General Permit indicates that only Shrewsbury has responsibility for reducing phosphorus contributions to Newton Pond. However, a portion of the pond is within Boylston.</p> <p>The 2016 General Permit indicates that Boylston must meet phosphorus reduction requirements for the Assabet River watershed TDML, which includes Rocky Pond and Cold Harbor Brook in Boylston. These waters are adjacent to a newly regulated portion of Boylston (per the 2010 US Census) and therefore the applicability of the 2016 General Permit requirements will be evaluated for these waterbodies during the development of the Town’s Notice of Intent and Stormwater Management Plan.</p>

<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 15</b> (Reliance on non-municipal partners indicated, if any)
TMDL-2	Malagasco Brook Pathogens	Stormwater Committee	Y3: Partner with DCR	Boylston’s outfalls along Malagasco Brook have been located and mapped. Malagasco Brook is no longer listed as Category 5 for pathogens, per the final Massachusetts 2014 Integrated List of Waters. Is it still listed as impaired for macroinvertebrates and nutrients/eutrophication.

**7b. WLA Assessment**

Per Part I.D.3. of the 2003 General Permit, *“if the MS4 is required to implement storm water waste load allocation provisions of the TMDL, the permittee must assess whether the WLA is being met through implementation of existing storm water control measures or if additional control measures are necessary. The permittee’s assessment of whether the WLA is being met is expected to focus on the adequacy of the permittee’s storm water controls (implementation and maintenance), not on the response of the receiving water.”*

There is a final TMDL of Phosphorus for Selected Northern Blackstone Lakes (2002), including Newton Pond within Boylston and Shrewsbury. Because the TMDL is for a pollutant potentially found in stormwater discharges from Boylston’s MS4, the Town’s Stormwater Management Program includes BMPs that address the load allocation. The TMDL includes a target in-lake total phosphorus concentration is 25 ppb and a load allocation of 257 kg/year, as shown below in Table 4k from the TMDL report.

**Table 4k. Newton Pond MA51110 TMDL Load Allocation.**

<b>Source</b>	<b>Current TP Loading (kg/yr)</b>	<b>Target TP Load Allocation (kg/yr)</b>
Forest	88	88
Agriculture	10	7
Open Land	30	21
Residential (Low den.)	33	23
Residential (High den.)	128	90
Comm. Indust.	33	23
Septic System	8	5
Other	0	0
<b>Total Inputs</b>	<b>330</b>	<b>257</b>

Boylston continues to make progress towards meeting the load allocation through implementation of existing BMPs. Boylston’s Stormwater Management Program includes a number of existing stormwater control measures, as discussed in this Annual Report, which address total phosphorus and other pollutants of concern in water quality impaired waters. The BMPs identified under Minimum Control Measures (MCMs) 1 through 6 help prevent phosphorus from entering waterbodies in Town, including, but not limited to, those

relating to public education, pet waste, illicit discharges, construction and post-construction inspections, employee training, and good housekeeping measures such as street sweeping and catch basin cleaning.

#### **Part IV. Summary of Information Collected and Analyzed**

DCR continued its routine sampling at 3 tributaries to the Wachusett Reservoir in Boylston. 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 Town upon request. The Conservation Commission received satisfactory annual reports from Cyprian Keyes Golf Course, Frito-Lay, and Phillips Precision during Permit Year 15. Cyprian Keyes samples annually for nutrients in surface water. A new FedEx facility is being constructed in Town and will be required to submit annual reports once complete.

The Haven Country Club is also required to submit an annual report, but is currently completing a reconstruction project, which is covered by an Order of Conditions and Stormwater Permit. The Country Club will resume reporting post-construction.