

Municipality/Organization: Town of Boylston

EPA NPDES Permit Number: MAR041095

MassDEP Transmittal Number: W-049574

Annual Report Number Year 13
& Reporting Period: April 1, 2015 – March 31, 2016

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2016)

Part I. General Information

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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: Martin McNamara

Title: Town Administrator

Date: 5/2/16

Part II. Self-Assessment

In Permit Year 13 (April 1, 2015 through March 31, 2016), 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 13, 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 a key partner for the Town to achieve many of the Small MS4 program requirements. In Permit Year 10, Boylston joined the **Central Massachusetts Regional Stormwater Coalition (CMRSWC)** in its efforts to address stormwater management and benefit from regionalization. Since the beginning of permit coverage, we would like to highlight the following accomplishments:

- Established a Stormwater Committee that communicates regularly.
- Maintained a low-cost multi-media Public Education effort covering many stormwater topics for residents and businesses in Boylston by using a combination of DCR resources, free materials from EPA and MassDEP, and custom-made materials.
- Completed outfall mapping and inventory in the Urbanized Area.
- Screened all outfalls for dry weather flow. Identified and corrected one illicit discharge from a residential property in a previous Permit Year.
- Developed and adopted two stormwater bylaws (*Illicit Discharge By-law* and *Stormwater Control Bylaw*) that meet the permit requirements for prohibition of illicit discharges, construction site runoff control, and post-construction stormwater management.

Planned activities for the next permit term have not been designated unless a BMP under this permit term was not fully completed or is an ongoing effort. During development of a Notice of Intent for the 2016 General Permit, Boylston will re-assess 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

1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
PE-1	Partner with Local Organization	Stormwater Committee/Town Admin.	Y3-5: Identify local group/organization with interest in stormwater to partner with	Continued relationship with DCR on all aspects of stormwater within the Wachusett Watershed. DCR has taken additional responsibility with regard to public education, public involvement, drainage mapping, construction site inspections, bylaw review and revisions, and municipal employee training.	Measurable goals for 2003 General Permit have been met. Continue to work with DCR.
PE-2	Stormwater brochure	Town Admin.	Y2-5: Distribute one brochure per year to residents and industries in Boylston	DCR continued to provide the Town with educational brochures, including “Dog Waste and Surface Waters”, “General Construction Site Supervision Stormwater” tips, “Household Stormwater Pollution Prevention”, tips to reduce contamination during “Car Wash Fundraisers”, restricted use of “Phosphorus in Fertilizer”, “Non-Permitted Discharges to the Storm Drain System”, information about the “Massachusetts Watershed Protection Act”, and “Importance of Stormwater Basin Maintenance”. These brochures are available at Town Hall and Tower Hill Botanic Garden. DCR also sent copies of “Stormwater Tips for the Business Community” brochures to the Wachusett Area Chamber of Commerce for distribution to its members, which include local Boylston businesses.	Measurable goals for 2003 General Permit have been met.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
PE-3	Provide stormwater information at Town buildings	Town Admin.	Y2-5: Brochures will be available in the Town Hall	Several stormwater brochures continued to be available at Town Hall during Permit Year 13. See BMP PE-2 for brochure topics.	Measurable goals for 2003 General Permit have been met.
Revised					
PE-4	Pet Waste	Town Admin.	Y1-5: Post signs at public park lands for pet owners to properly dispose of waste	The Town continued maintenance of pet waste signs. Offered “Dog Waste and Surface Waters” educational brochures at Town Hall, local veterinarian offices, Tower Hill Botanic Garden, and at DCR kiosks and flyer boxes. See also BMPs PE-2, PE-3, and PE-6 for additional pet waste education.	Measurable goals for 2003 General Permit have been met.
Revised					
PE-5	Feature SW info on town public access cable station	Town Admin.	Y2-5: Feature SW info on cable station	No measurable goals were planned for Permit Year 13. No new stormwater information was run on the local cable station this year, but the measurable goal was met in previous permit years.	Measurable goals for 2003 General Permit have been met.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
PE-6	Stormwater presentations at schools	Stormwater Committee and DCR	Y2-5: Include stormwater issues in yearly environmental presentations at High School	No measurable goals were planned for Permit Year 13. 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. Programs were held in Boylston on two separate occasions during this Permit Year, and were attended by 90 residents.	Measurable goals for 2003 General Permit have been met. Continue to support DCR's stormwater classroom education in Boylston like in previous years.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
PP-1	Partner with local organization	Stormwater Committee/Town Administrator	Y3-5: Identify group to partner with (DCR)	Continued cooperation and partnership with DCR (see BMP PE-1). DCR has had an increased opportunity to participation in stormwater management decisions and activities as a result of the efforts of the Central Massachusetts Regional Stormwater Coalition.	Measurable goals for 2003 General Permit have been met.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
PP-2	Place Traveling Display at various locations	Town Admin.	No activities planned for Y2-5.	No measureable goals were planned for Permit Year 13.	Measurable goal for 2003 General Permit was met in Y1.
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.	Stormwater issues were discussed at periodic Stormwater Committee meetings and Conservation Commission meetings, which are open to the public in accordance with MGL Ch 39 S23B and local public notice meeting requirements. DCR Ranger Staff read a “Stormwater Pollution Prevention Public Service Announcement” at all public interpretive programs.	Measurable goals for 2003 General Permit have been met. Continue to comply with State and Local public notice requirements.
PP-4	Poster Contest	Town Admin.	Develop concept and approach local scouting troops.	The Stormwater Committee has contacted the scout troops in past years and given them opportunities to participate in the Stormwater Program. They have not been interested. Continued relationship with DCR and work with them on outreach to local school age children (BMP PE-6) to meet intent of this BMP.	Measurable goals for 2003 General Permit have been met. Boylston will continue to work with DCR on local school outreach programs.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
PP-5	Stormwater Committee	Town Admin.	Y1-5: Review SWMP each year and coordinate efforts of all Town offices.	The Stormwater Committee continued to work together to manage the overall stormwater program and met as needed to implement planned stormwater management activities. The Committee also communicates frequently throughout the year by email and phone. The Town’s local stormwater bylaws are enforced by the Board of Health and the Conservation Commission.	The Stormwater Committee will continue to work together to manage the overall stormwater program.
PP-6	DCR Sponsored Events	DCR	Y9: Continue efforts to engage the general public in stormwater issues and watershed topics	In 2013 and 2014, DCR staff participated in the Wachusett Reservoir Dam Openings in late May and October by having a table with stormwater education materials. The event was attended by 3,000 or more 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 “Dwayne, the Storm Drain” books for children were available at both of these events. EPA “After the Storm” and “Be a Solution to Stormwater Pollution” brochures were also distributed. In Permit Year 12, DCR staff participated in West Boylston Fall Festival (400+ attendees) where “Dwayne, the Storm Drain” activity books and brochures on Pet Waste,	Continue to sponsor events and activities for the general public as budget allows. DCR remains open to 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.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
				Household Stormwater Pollution Prevention, and Non-Permitted Discharges to the Storm Drain System were made available. DCR programs were held in Boylston on two separate occasions during Permit Year 13 and were attended by 90 residents.	

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
ID-1	Drainage Mapping	Stormwater Committee	Y5: Update map with outfall locations in priority areas.	Drainage system mapping was conducted by a consultant on July 24, August 7, August 18 and August 19, 2009. A GPS unit was used to locate 171 drainage structures, including 14 outfalls, in the Urbanized Area outside of the Wachusett Reservoir Watershed. Structure locations and features were uploaded to the computer to generate a GIS-based map of the drainage system. This builds on DCR's mapping efforts in Boylston. DCR has mapped 365 drainage structures within the Wachusett Reservoir watershed, which is largely outside of the Urbanized Area at this time.	Measurable goals for the 2003 General Permit have been met. The Town has met the mapping requirements of the 2003 General Permit and has a map showing outfalls and receiving waterbodies in the Urbanized Area.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
				The Highway Superintendent and the Town's stormwater consultant conducted one additional day of field investigation on October 14, 2010. This investigation focused on the potential outfall locations identified in 2009. Field personnel GPS-located 7 additional outfalls, 4 additional drain manholes, and 9 additional catch basins. In total, the Town has located 191 drainage structures, including 20 outfalls. (It was determined that one outfall from 2009 was actually a culvert.)	
ID-2	Eliminate Illicit Discharges	DPW and Board of Health	Y3-Y5: Implement Plan	All outfalls in Boylston's regulated urbanized area have been inspected during dry weather conditions. Highway Department staff is trained to identify illicit discharges during routine infrastructure maintenance. No illicit discharges are suspected at this time. The DCR conducts weekly samples at three tributaries in Boylston.	Measurable goals for 2003 General Permit have been met. The Town's IDDE Program is ongoing. 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.
Revised					
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.	The Illicit Discharge By-law was adopted at Annual Town Meeting on May 4, 2009. This by-law prohibits non-stormwater discharges, including illegal dumping, into the MS4 and includes enforcement procedures and actions. The Board of Health is responsible for implementing and enforcing the by-law.	Measurable goals for 2003 General Permit have been met. Continue to implement and enforce the Illicit Discharge By-law.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
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	No additional activities were planned for Permit Year 13. Measurable goal has been met in prior permit years. DCR has developed and distributed a “Non-Permitted Discharges to the Storm Drain System” brochure which supports the by-law. See PE-2 and PP-6 for more information.	Measurable goals for 2003 General Permit have been met.
Revised					

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
CS-1	Develop and implement Construction Site Runoff Control Program	Con. Com.	Y3-Y5: Implement Construction Site Runoff Control Program	The Stormwater Control Bylaw was adopted on October 16, 2006. The Stormwater regulations were adopted by the Conservation Commission on December 17, 2007.	Measurable goals for 2003 General Permit have been met. The Stormwater Bylaw continues to be actively enforced.
Revised				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. The Stormwater Bylaw continues to	

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
				be actively enforced. The Boylston Conservation Commission tracks the number of projects, enforcement actions taken, and remedial activities completed. In Permit Year 13, 5 permits have been processed and 2 required enforcement. DCR staff routinely inspects large construction sites (disturbing one acre or more) during wet and dry weather for compliance with stormwater standards. A total of 4 dry inspections were completed on 3 sites in Boylston in Permit Year 13. No problems were identified and very little site work was being completed. Monthly summaries of inspections and any remediation efforts are on file at DCR offices in West Boylston and are available for review.	
CS-2	Develop and implement Erosion and Sediment Control By-law	Con. Com	Y5: Implement by-law	The Stormwater Control Bylaw was adopted on October 16, 2006. The Stormwater regulations were adopted by the Conservation Commission on December 17, 2007. Construction site runoff control measures are implemented through the stormwater permitting process.	Measurable goals for 2003 General Permit have been met.
Revised					

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 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
PC-1	Develop and implement Post-Construction Runoff Control Program	Con. Com.	Y3-5: Implement Post-Construction Runoff Control Program	The Stormwater Control Bylaw was adopted on October 16, 2006. The Stormwater regulations were adopted by the Conservation Commission on December 17, 2007.	Measurable goals for 2003 General Permit have been met. The Stormwater Bylaw continues to be actively enforced.
Revised				Post-construction runoff control measures are implemented through the stormwater permitting process. In Permit Year 13, 5 permits have been processed and 2 required enforcement.	
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.	Post-construction runoff control measures are implemented through the Stormwater Control Bylaws and Regulations (see BMP PC-1 above). 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 13. DCR's routinely monitors structural BMPs to identify any maintenance needs. DCR inspected 1 site in Boylston during 2015, and noted that	Measurable goals for 2003 General Permit have been met. As the Conservation Commission continues to issue and enforce Stormwater Control Permits, the by-law and regulations will be enhanced as deemed necessary.

				there was a need for sediment removal. The responsible party promptly completed the maintenance, and there were no further problems noted during a follow-up inspection. DCR's routine construction inspections included 3 sites in Boylston during dry weather. No problems were identified.	
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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 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
GH-1	Employee training program	Highway Dept.	Y2-Y5: Hold one good housekeeping workshop per year at Highway Department	Housekeeping is completed on a regular basis. During weekly meetings with personnel, good housekeeping measures for the drainage system (such as drain system maintenance and identifying illicit discharges) are discussed as they relate to stormwater practices.	Measurable goals for 2003 General Permit have been met.
Revised				The Highway Superintendent and Foreman have participated in training events by the CMRSWC and DCR when offered. Staff participated in Massachusetts Highway Association meetings during Permit Year 13.	The Town will identify additional training opportunities for staff through the CMRSWC and/or DCR.
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 Dept. cleaned all catch basins at least once in Permit Year 13 and cleaned priority areas twice. Outfalls are also cleaned as needed.	Continue to clean catch basins at least once per year in the urbanized area of Town.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
GH-3	Street sweeping	Highway Dept.	Y1-Y5: Highway Dept. will sweep every street in the urbanized area once per year	Highway Dept. swept all streets and roads during Permit Year 13 and more frequently in priority areas.	Continue to sweep streets in the urbanized area at least once per year.
GH-4	Recycling program	Highway Dept.	Y1-Y5: Continue Town's waste oil collection	Waste oil is no longer collected at the Town Barn, because the Town no longer burns used oil at the Town Barn furnace. In addition to curbside recycling, residents of the seven Wachusett towns, including Boylston, may bring recycling, paints/chemicals, and bulk items to the Wachusett Watershed Regional Recycling Center in West Boylston. For information about items collected (free or for a fee), operating hours, and special events, visit http://www.wachusettearthday.org. Wachusett Earthday, the volunteer organization which operates the Recycle Center, displays brochures in Town Hall about the services they provide. The Town advertises the Recycling Center services through local cable TV advertisements and a mailed flyer.	Continue to fund partnership with regional collection center.
Revised					
GH-5	Municipal Operation and Maintenance Plan	Highway Dept.	Develop schedule for municipal maintenance activities	The Highway Department is in the process of developing a written inventory of municipal operation and maintenance activities and Town owned and operated properties in the Urbanized Area.	The Highway Department will continue developing a written inventory, as budget and staff time allows.
Revised					

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
GH-5 (Cont'd)	Municipal Operation and Maintenance Plan	Highway Dept.	Develop schedule for municipal maintenance activities	The Town has required preparation of O&M Plans that include stormwater management and pollution prevention at some private properties in Town, including the new Regional High School, the Frito Lay facility, and the Cyprian Keyes Golf Club. O&M of private BMPs is also a requirement for all development and redevelopment projects that require a local Stormwater Management Permit. 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 fleet for increased fuel efficiency. The Town began construction of a new highway facility during Permit Year 13, which will incorporate stormwater pollution prevention practices. The facility is scheduled to be complete during Permit Year 14. DCR produced a list titled “DPW Good Housekeeping” that addresses fleet maintenance, road/infrastructure work, salt and sand storage, detention basins, and field/park maintenance. The list is on display in the Boylston garage.	The Conservation Commission will continue to require and enforce long-term operation and maintenance of private stormwater BMPs through local permits. The Town plans to complete construction of the new Highway facility during Permit Year 14.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
GH-6	Reporting	Highway Dept.	Record stormwater management activities	The Highway Superintendent presents a monthly report of Department activities to the Board of Selectmen, which includes stormwater related activities. This is recorded in the meeting minutes, which are available on the Town website.	Measurable goals for 2003 General Permit have been met.
Revised					Continue Highway Department monthly presentation to the Board of Selectmen.

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

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
TMDL-1	Check current impairment lists	DPW	Y1: There are no completed TMDL studies for receiving waters in Boylston's urbanized area. Y2-Y5: Check current MA Integrated List of Waters each Winter for newly listed waters	Reviewed final Massachusetts 2014 Integrated List of Waters and MassDEP TMDL website. A Draft pathogen TMDL report is available for the Nashua River Watershed. 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.	Measurable goals for 2003 General Permit have been met.
Revised				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	During development of the Town's Stormwater Management Plan (SWMP) for the 2016 General Permit, the Town will determine what BMPs are most suitable to address TMDLs and impaired waters requirements. The Town will also complete a WLA Assessment for the Assabet River phosphorus TMDL at that time.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Next Permit Term
				reducing phosphorus contributions to Newton Pond. However, a portion of the pond is within Boylston. 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 that has not yet been evaluated.	
TMDL-2	Malagasco Brook Pathogens	Stormwater Committee	Y3: Partner with DCR	Outfalls along the Brook have been located and mapped. DCR continues to monitor the brook. Malagasco Brook is no longer listed as Category 5 for pathogens. Is it still listed as impaired for macroinvertebrates and nutrients/eutrophication.	Since bacteria are no longer the cause of impairment, Boylston will address other pollutants of concern during development of the Town's SWMP for the 2016 General Permit.
Revised					

7b. WLA Assessment

Per Part I.D.3. of the 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, including Newton Pond within Boylston and Shrewsbury. Because the TMDL is for a pollutant potentially found in storm water discharges from Boylston’s MS4, their 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.

Source	Current TP Loading (kg/yr)	Target TP Load Allocation (kg/yr)
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
Total Inputs	330	257

At this time, Boylston is making steady 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 reported in the above 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, including, but not limited to, those relating to public education, pet waste, illicit discharges, construction and post-construction inspections, employee training, and the good housekeeping measures such as street sweeping and catch basin cleaning, all help prevent phosphorus from entering water bodies in Town.

At this time, the Town does not plan to add any BMPs to address the load allocation, but will consider additional BMPs to address the TMDL during development of the next NOI for the 2016 General Permit.

Part IV. Summary of Information Collected and Analyzed

DCR continued its routine tributary sampling in Boylston at French Brook and Malagasco Brook. 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. The Conservation Commission received satisfactory annual reports from Cyprian Keyes Golf Course, Frito-Lay, and Phillips Precision during Permit Year 13. Cyprian Keyes samples annually for nutrients in surface water.

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.

In past Permit Years, the Town received an annual report on Sewall Pond from the YMCA, which ran a summer camp there through the summer of 2014 (now closed).