Municipality/Organization: Town of Boylston

EPA NPDES Permit Number: MAR041095

MassDEP Transmittal Number: W-049574

Annual Report Number & Reporting Period: Year 12
April 1, 2014 – March 31, 2015

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2015)

Part I. General Information

Contact Person: Chip Burkhardt Title: Conservation Commission

Telephone #: 508-869-6127 Email: conservation@boylston-ma.gov

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: 4/27/15
Part II. Self-Assessment

In Permit Year 12 (April 1, 2014 through March 31, 2015), 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 12, 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) 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.
- 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. Once the General Permit for the next five years is available from EPA, the Town will prepare and submit a Notice of Intent (NOI) for compliance with the new General Permit. During development of this NOI, Boylston will re-assess its stormwater management program to develop an effective program that meets requirements of the next 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

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<tr>
<th>BMP ID #</th>
<th>BMP Description</th>
<th>Responsible Dept./Person Name</th>
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<th>Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any)</th>
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<tbody>
<tr>
<td>PE-1</td>
<td>Partner with Local Organization</td>
<td>Stormwater Committee/Town Admin.</td>
<td>Y3-5: Identify local group/organization with interest in stormwater to partner with</td>
<td>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.</td>
<td>Measurable goals for 2003 General Permit have been met. Continue to work with DCR.</td>
</tr>
<tr>
<td>PE-2</td>
<td>Stormwater brochure</td>
<td>Town Admin.</td>
<td>Y2-5: Distribute one brochure per year to residents and industries in Boylston</td>
<td>DCR mailed 200 updated dog waste brochures with MS4 letters to the Town Clerk for distribution. DCR sent 100 copies of their “General Construction Site Supervision Stormwater” tips brochure and 100 copies of their “Importance of Stormwater Basin Maintenance” brochure to Conservation Commission for distribution with letter explaining MS4 Program.</td>
<td>Measurable goals for 2003 General Permit have been met.</td>
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</table>
| PE-2   | Stormwater brochure | Town Admin. | Y2-5: Distribute one brochure per year to residents and industries in Boylston | DCR also completed a number of watershed-wide educational activities. Some highlights applicable to Boylston are:
- DCR 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 2014 with information regarding stormwater.
- DCR distributed 500 copies each of “Non-Permitted Discharges” and “Importance of BMP Maintenance” brochure at the DPW Expo and copies were also mailed with entrance tickets to DPWs in the watershed.
- DCR sent 200 copies of their “Stormwater Tips for the Business Community” brochure and MS4 letter to Wachusett Area Chamber of Commerce for distribution to members.
- DCR provided 200 copies each of “Household Stormwater Pollution” and “Dog Waste and Surface Waters” brochures to be made available at Tower Hill Botanic Garden in Boylston.
- DCR partnered with NRWA on a MET Grant project to provide pharmaceutical drop boxes in all watershed police departments and also with public outreach on the dangers of improper disposal. | Measurable goals for 2003 General Permit have been met. |
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<tr>
<td>PE-3</td>
<td>Provide stormwater information at Town buildings</td>
<td>Town Admin.</td>
<td>Y2-5: Brochures will be available in the Town Hall</td>
<td>Several stormwater brochures continued to be available at Town Hall during Permit Year 12. See BMP PE-2 for topics.</td>
<td>Measurable goals for 2003 General Permit have been met.</td>
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<tr>
<td>PE-4</td>
<td>Pet Waste</td>
<td>Town Admin.</td>
<td>Y1-5: Post signs at public park lands for pet owners to properly dispose of waste</td>
<td>Continued maintenance of pet waste signs. Offered “pet waste” 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.</td>
<td>Measurable goals for 2003 General Permit have been met.</td>
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<tr>
<td>PE-5</td>
<td>Feature SW info on town public access cable station</td>
<td>Town Admin.</td>
<td>Y2-5: Feature SW info on cable station</td>
<td>No measurable goals were planned for Permit Year 12. No new stormwater information was run on the local cable station this year, but measurable goal was met in previous permit years.</td>
<td>Measurable goals for 2003 General Permit have been met. The Town plans to obtain and run “Liquid Assets”, a DVD distributed to CMRSWC communities, on the local cable station.</td>
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<td>PE-6</td>
<td>Stormwater presentations at schools</td>
<td>Stormwater Committee and DCR</td>
<td>Y2-5: Include stormwater issues in yearly environmental presentations at High School</td>
<td>No measurable goals were planned for Permit Year 12. Through DCR’s efforts, stormwater is now part of the Mass Envirothon statewide curriculum. Students received copies of DCR’s stormwater brochures, with topics including Pet Waste, Household Stormwater Pollution Prevention, and Non-Permitted Discharges.</td>
<td>Measurable goals for 2003 General Permit have been met. Continue to support DCR’s stormwater classroom education in Boylston like in previous years.</td>
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## 2. Public Involvement and Participation

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<td>PP-1</td>
<td>Partner with local organization</td>
<td>Stormwater Committee/Town Administrator</td>
<td>Y3-5: Identify group to partner with (DCR)</td>
<td>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.</td>
<td>Measurable goals for 2003 General Permit have been met.</td>
</tr>
<tr>
<td>PP-2</td>
<td>Place Traveling Display at various locations</td>
<td>Town Admin.</td>
<td>No activities planned for Y2-5.</td>
<td>No activity planned for PY12. DCR created a “Stormwater Pollution Prevention Public Service Announcement” to be read by Ranger Staff at all public interpretive programs.</td>
<td>Measurable goal for 2003 General Permit was met in Y1.</td>
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<td>PP-3</td>
<td>Incorporate SW into public meetings</td>
<td>Town Admin.</td>
<td>Y3-5: Present updates to the SWMP. Continue to invite stormwater discussion at one meeting per year.</td>
<td>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.</td>
<td>Measurable goals for 2003 General Permit have been met. Continue to comply with State and Local public notice requirements.</td>
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<td>PP-4</td>
<td>Poster Contest</td>
<td>Town Admin.</td>
<td>Develop concept and approach local scouting troops.</td>
<td>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.</td>
<td>Measurable goals for 2003 General Permit have been met. Boylston will continue to work with DCR on local school outreach programs.</td>
</tr>
<tr>
<td>PP-5</td>
<td>Stormwater Committee</td>
<td>Town Admin.</td>
<td>Y1-5: Review SWMP each year and coordinate efforts of all Town offices.</td>
<td>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 through the year by email and phone. The Town’s local stormwater bylaws are enforced by the Board of Health and the Conservation Commission.</td>
<td>The Stormwater Committee will continue to work together to manage the overall stormwater program.</td>
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<tr>
<td>PP-6</td>
<td>DCR Sponsored Events</td>
<td>DCR</td>
<td>Y9: Continue efforts to engage the general public in stormwater issues and watershed topics</td>
<td>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. DCR staff participated in West Boylston Fall Festival (400+ attendees) where “Dwayne, the Storm Drain” activity books and brochures on Pet Waste, Household Stormwater Pollution Prevention, and Non-Permitted Discharges to the Storm Drain System were made available.</td>
<td>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.</td>
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### 3. Illicit Discharge Detection and Elimination

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<td>ID-1</td>
<td>Drainage Mapping</td>
<td>Stormwater Committee</td>
<td>Y5: Update map with outfall locations in priority areas.</td>
<td>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. 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 seven (7) additional outfalls, four additional (4) drain manholes, and nine additional (9) 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.)</td>
<td>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. The Town may have an opportunity to use the CMRSWC’s mapping and data collection equipment depending on coordination/scheduling among member communities and the Coalition. The Town will determine how to integrate existing storm drain system mapping with regional mapping and prioritize additional mapping and inspection efforts.</td>
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<tr>
<td>ID-2</td>
<td>Eliminate Illicit Discharges</td>
<td>DPW and Board of Health</td>
<td>Y3-Y5: Implement Plan</td>
<td>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.</td>
<td>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.</td>
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<tr>
<td>ID-3</td>
<td>Develop and implement an illicit discharge by-law</td>
<td>Board of Health and Stormwater Committee</td>
<td>Y4: Present by-law at Town meeting and finalize Y5: Implement and enforce by-law.</td>
<td>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.</td>
<td>Measurable goals for 2003 General Permit have been met. Continue to implement and enforce the Illicit Discharge By-law.</td>
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<tr>
<td>ID-4</td>
<td>Educate citizens</td>
<td>Board of Health</td>
<td>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</td>
<td>No additional activities planned for Permit Year 12. Measurable goal met in prior permit years. DCR has developed and distributed a “Non-Permitted Discharges to the Storm Drain System” brochure which supports the bylaw. (See PE-2 and PP-6)</td>
<td>Measurable goals for 2003 General Permit have been met.</td>
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### 4. Construction Site Stormwater Runoff Control

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<tr>
<td>CS-1</td>
<td>Develop and implement Construction Site Runoff Control Program</td>
<td>Con. Com.</td>
<td>Y3-Y5: Implement Construction Site Runoff Control Program</td>
<td>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. The Conservation Commission or their authorized agent inspects all construction sites that require a local Stormwater Management Permit or Wetlands Notice of Intent. 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 8 dry inspections were completed on 3 sites in Boylston in Permit Year 12. 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 Boylston Conservation Commission also tracks the number of projects, enforcement actions taken, and remedial activities completed.</td>
<td>Measurable goals for 2003 General Permit have been met. The Stormwater Bylaw continues to be actively enforced and several permits are anticipated this year. In total, 19 permits have been processed since it was enacted and only 2 have required enforcement.</td>
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<tr>
<td>CS-2</td>
<td>Develop and implement Erosion and Sediment Control By-law</td>
<td>Con. Com</td>
<td>Y5: Implement by-law</td>
<td>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.</td>
<td>Measurable goals for 2003 General Permit have been met.</td>
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## 5. Post-Construction Stormwater Management in New Development and Redevelopment

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<tr>
<td>PC-1</td>
<td>Develop and implement Post-Construction Runoff Control Program</td>
<td>Con. Com.</td>
<td>Y3-5: Implement Post-Construction Runoff Control Program</td>
<td>The Stormwater Control Bylaw was adopted on October 16, 2006. The Stormwater regulations were adopted by the Conservation Commission on December 17, 2007. Post-construction runoff control measures are implemented through the stormwater permitting process. In total, 19 permits have been processed since it was enacted and only 2 have required enforcement.</td>
<td>Measurable goals for 2003 General Permit have been met. The Stormwater Bylaw continues to be actively enforced and several permits are anticipated this year.</td>
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<tr>
<td>PC-2</td>
<td>Develop and implement post-construction runoff regulations</td>
<td>Con. Com.</td>
<td>Y4: Implement by-law. Y5: Review effectiveness of by-law and enhance if necessary.</td>
<td>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 were noted at any of the 7 locations visited during the past twelve months. DCR’s routine construction inspections included 3 sites in Boylston during dry weather. No significant problems were identified and all minor remedial activities necessary were completed promptly.</td>
<td>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.</td>
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## 6. Pollution Prevention and Good Housekeeping in Municipal Operations

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<td>GH-1</td>
<td>Employee training program</td>
<td>Highway Dept.</td>
<td>Y2-Y5: Hold one good housekeeping workshop per year at Highway Department</td>
<td>During daily meetings with personnel, good housekeeping measures (such as drain system maintenance and identifying illicit discharges) are discussed as they relate to stormwater practices. The Highway Super. and Foreman have participated in training events by the CMRSWC and DCR when offered.</td>
<td>Measurable goals for 2003 General Permit have been met. The Town will identify additional training opportunities for staff through the CMRSWC and/or DCR. DCR staff assembled a physical stormwater pollution prevention matching game that can be lent out to watershed DPWs, schools, or other groups. Consider using this activity as part of staff training.</td>
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<td>GH-2</td>
<td>Catch basin cleaning</td>
<td>Highway Dept.</td>
<td>Y1-Y5: Highway Department will clean each catch basin in the urbanized area of Town once per year.</td>
<td>The Highway Dept. cleaned all catch basins once per year and cleaned priority areas twice per year. Outfalls are also cleaned as needed.</td>
<td>Continue to clean catch basins at least once per year in the urbanized area of Town.</td>
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<td>GH-3</td>
<td>Street sweeping</td>
<td>Highway Dept.</td>
<td>Y1-Y5: Highway Dept. will sweep every street in the urbanized area once per year</td>
<td>Highway Dept. swept streets once in the Spring and more frequently in priority areas.</td>
<td>Continue to sweep streets in the urbanized area at least once per year.</td>
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| 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. For information about items collected (free or for a fee), operating hours, and special events, visit [http://www.wachusettearthday.org](http://www.wachusettearthday.org).  
  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 Town conducts routine operations and maintenance of infrastructure, roadways, and town-owned properties. A formal written schedule for municipal activities was not developed in anticipation of enhanced requirements in the reissued General Permit. | The Highway Department plans to develop a written inventory of municipal operation and maintenance activities and Town owned and operated properties in the Urbanized Area before the General Permit is reissued, as budget and staff time allows. |

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<thead>
<tr>
<th>BMP ID #</th>
<th>BMP Description (Cont’d)</th>
<th>Responsible Dept./Person Name</th>
<th>Measurable Goal(s)</th>
<th>Progress on Goal(s) – Permit Year 12</th>
<th>Planned Activities – Next Permit Term</th>
</tr>
</thead>
<tbody>
<tr>
<td>GH-5</td>
<td>Municipal Operation and Maintenance Plan</td>
<td>Highway Dept.</td>
<td>Develop schedule for municipal maintenance activities</td>
<td>The Town has required preparation of O&amp;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&amp;M of private BMPs is also a requirement for all development and redevelopment projects that require a local Stormwater Management Permit. The Highway Department continues to make operational improvements, such as upgrading the fleet for increased fuel efficiency. The Town has completed the design of a new highway facility, which will incorporate stormwater pollution prevention practices. 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 will seek Town Meeting approval on May 4, 2015 to move forward with construction of the new Highway facility.</td>
<td></td>
</tr>
<tr>
<td>GH-6</td>
<td>Reporting</td>
<td>Highway Dept.</td>
<td>Record stormwater management activities</td>
<td>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.</td>
<td>Measurable goals for 2003 General Permit have been met. Continue Highway Department monthly presentation to the Board of Selectmen.</td>
</tr>
<tr>
<td>Revised</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
## 7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA)

<table>
<thead>
<tr>
<th>BMP ID #</th>
<th>BMP Description</th>
<th>Responsible Dept./Person Name</th>
<th>Measurable Goal(s)</th>
<th>Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any)</th>
<th>Planned Activities – Next Permit Term</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>TMDL-1</strong> Check current impairment lists</td>
<td>DPW</td>
<td>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</td>
<td>Reviewed Proposed Massachusetts 2014 Integrated List of Waters and MassDEP TMDL website. A Draft pathogen TMDL report is available for the Nashua River Watershed. Waschusett Reservoir is currently listed as Category 4A for Mercury in Fish Tissue. 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.</td>
<td>Measurable goals for 2003 General Permit have been met.</td>
</tr>
<tr>
<td>Revised</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>TMDL-2</strong> Malagasco Brook Pathogens</td>
<td>Stormwater Committee</td>
<td>Y3: Partner with DCR</td>
<td>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.</td>
<td>Since bacteria are no longer the cause of impairment, Boylston will address other pollutants of concern through the Stormwater Program.</td>
</tr>
<tr>
<td>Revised</td>
<td></td>
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</tbody>
</table>

### 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.

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

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, that address pollutants of concern in water quality impaired waters and total phosphorus. 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.

**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 as indicated after review of weekly water quality data, and will pass on any relevant information to the towns. The Town receives an annual report on Sewall Pond from the YMCA, which ran a summer camp there through last summer (now closed). Cyprian Keyes Golf Course and The Haven Country Club will be required to submit an annual report to the Conservation Commission. Cyprian Keyes samples annually for nutrients in surface water. Conservation Commission also received reporting from Frito-Lay and Phillips Precision during this permit year.