

**Year 7 Annual Report**  
**Massachusetts Small MS4 General Permit**  
**Reporting Period: July 1, 2024-June 30, 2025**

*\*\*Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure any websites included on this form are to publicly accessible sites\*\**

*Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2024 and June 30, 2025 unless otherwise requested.*

**Part I: Contact Information**

Name of Municipality or Organization:

EPA NPDES Permit Number:

**Primary MS4 Program Manager Contact Information**

Name:  Title:

Street Address Line 1:

Street Address Line 2:

City:  State:  Zip Code:

Email:  Phone Number:

**Stormwater Management Program (SWMP) Information**

SWMP Location (publicly available web address):

Date SWMP was Last Updated:

If the SWMP is not available on the web please provide the physical address:

## Part II: Self-Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the most recent EPA approved Section 303(d) Impaired Waters List which can be found here: <https://www.epa.gov/tmdl/region-1-impaired-waters-and-303d-lists-state>

**Impairment(s)**

Bacteria/Pathogens     
  Chloride     
  Nitrogen     
  Phosphorus  
 Solids/ Oil/ Grease (Hydrocarbons)/ Metals

**TMDL(s)**

*In State:*

Assabet River Phosphorus     
  Bacteria and Pathogen     
  Cape Cod Nitrogen  
 Charles River Watershed Phosphorus     
  Lake and Pond Phosphorus

*Out of State:*

Bacteria/Pathogens     
  Metals     
  Nitrogen     
  Phosphorus

Clear Impairments and TMDLs

Next, check off all requirements below that have been completed. **By checking each box you are certifying that you have completed that permit requirement fully.** If you have not completed a requirement leave the box unchecked. Additional information will be requested in later sections.

Year 7 Requirements

- Completed catchment investigations associated with Problem Outfalls
- Completed catchment investigations where information gathered on the outfall/interconnection indicated sewer input

Annual Requirements

- Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements
- Kept records relating to the permit available for 5 years and made available to the public
- The SSO inventory has been updated, including the status of mitigation and corrective measures implemented
  - This is not applicable because we do not have sanitary sewer
  - This is not applicable because we did not find any new SSOs
  - The updated SSO inventory is attached to the email submission
  - The updated SSO inventory can be found at the following publicly available website:

- Updated system map due in year 10 with information from completed catchment investigations
- Provided training to employees involved in IDDE program within the reporting period
- Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters

- All curbed roadways were swept at least once within the reporting period
- Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- Updated inventory of all permittee owned facilities as necessary
- O&M programs for all permittee owned facilities have been completed and updated as necessary
- Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Inspected all permittee owned treatment structures (excluding catch basins)

*Optional:* If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

### **Bacteria/ Pathogens** (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

#### Annual Requirements

##### *Public Education and Outreach\**

- Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Permittee or its agents disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time
- Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria
  - This is not applicable because there are no septic systems present

*\* Public education messages can be combined with other public education requirements as applicable (see Appendix F and H for more information)*

*Optional:* If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

### **Chloride**

#### Annual Requirements

##### *Public Education and Outreach*

- Included an annual message in November/ December to private road salt applicators and commercial  industrial site owners on the proper storage and application rates of winter deicing material, along with the steps that can be taken to minimize salt use and protect local waterbodies

The following type(s) of salt were applied **during this reporting period (year 7)**:

- Sodium chloride
- Calcium chloride
- Potassium chloride
- Magnesium chloride
- Brine solution

Total amount of salt applied **during this reporting period (year 7) including units:** 2941.31 TONS

*Optional:* If you would like to describe progress made on any incomplete requirements listed above or provide any additional details, please use the box below:

A number of chloride impairments were newly designated for receiving waters in West Boylston on the Final Massachusetts Integrated List of Waters for the Clean Water Act 2018/2020 Reporting Cycle, which was approved in February 2022. These include Gates Brook (MA81-24), Scarletts Brook (MA81-25), and two (2) unnamed tributaries to the Wachusett Reservoir (MA81-49 and MA81-54). The Town has 3 years from the date that these receiving waters were identified as impaired to develop a Chloride Reduction Plan, and five years to implement the plan.

The Town finalized the Chloride Reduction Plan during Permit Year 7 and will begin implementation in subsequent permit years.

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*Optional:* Use the box below to provide any additional information you would like to share as part of your self-assessment:

### Part III: Receiving Waters/Impaired Waters/TMDL

Have you made any changes to your lists of receiving waters, outfalls, or impairments since the NOI was submitted?

- Yes  
 No

If yes, describe below, including any relevant impairments or TMDLs:

Receiving waters, outfalls and impairments have been updated since the NOI was originally submitted. Please see the Town's Stormwater Management Plan included on the Town's website for an updated list of outfalls, receiving waters, and relevant impairments in West Boylston.

A number of chloride impairments were newly identified for receiving waters in West Boylston on the Final Massachusetts Integrated List of Waters for the Clean Water Act 2018/2020 Reporting Cycle, which was approved in February 2022, during Permit Year 4. These include Gates Brook (MA81-24), Scarletts Brook (MA81-25), and two (2) unnamed tributaries to the Wachusett Reservoir (MA81-49 and MA81-54).

A number of new impairments have been identified based on the Final Massachusetts Integrated List of Waters for the Clean Water Act 2022 Reporting Cycle, which was approved in June 2023, during Permit Year 5. These include Poor Farm Brook(51-17) and the Quinapoxet River (MA81-32) for temperature and Gates Brook (MA81-24) for E.coli and fecal coliform.

It was also brought to the Town's attention that the Town may be subject to the requirements of the MS4 Permit as they relate to the Phosphorus TMDL for Lake Quinsigamond, as the Town does have urbanized area within the lake's watershed. However, the 2016 MS4 Permit does not identify the Town as being subject to the requirements of this TMDL. The Town is currently awaiting guidance from the EPA.

## Part IV: Minimum Control Measures

Please fill out all of the metrics below. If applicable, include in the description who completed the task if completed by a third party.

### MCM1: Public Education

Number of educational messages completed **during this reporting period:**

Below, report on the educational messages completed **during this reporting period**. For the measurable goal(s) please describe the method/measures used to assess the overall effectiveness of the educational program.

#### **BMP: Flyer - Plan Ahead to Prevent Pollution**

Message Description and Distribution Method:

The Town maintained a link to a Think Blue flyer providing tips to developers on reducing stormwater pollution in runoff during construction. The flyer can be found here: [https://www.westboylston-ma.gov/sites/g/files/vyhlf1421/f/pages/site\\_development\\_-\\_tips\\_to\\_reduce\\_runoff.pdf](https://www.westboylston-ma.gov/sites/g/files/vyhlf1421/f/pages/site_development_-_tips_to_reduce_runoff.pdf)

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s):

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

#### **BMP: Brochures/Pamphlets**

Message Description and Distribution Method:

The Town maintained materials educating residents on proper pet waste disposal and how the public can impact stormwater and receiving water quality. The link to this information can be found on the Town's Dog Licensing page here: <https://www.westboylston-ma.gov/town-clerk/pages/dog-licensing>

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s): Permit Year 7

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

**BMP: Winter Deicing Activities**

Message Description and Distribution Method:

From November 1, 2024, through February 28, 2025, the Central Massachusetts Regional Stormwater Coalition distributed daily messages through social media to target deicing activities that have the potential to impact water quality.

Targeted Audience: All

Responsible Department/Parties: Central MA Regional Stormwater Coalition

Measurable Goal(s):

7 Facebook Posts - 10 likes and reactions

Message Date(s): Permit Year 7

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

This message was in addition to the ones proposed in the NOI.

**BMP: Lawn Care**

Message Description and Distribution Method:

During Permit Year 7, the Central Massachusetts Regional Stormwater Coalition distributed messages through social media to target lawn care activities that have the potential to impact water quality.

Targeted Audience: All

Responsible Department/Parties: Central MA Regional Stormwater Coalition

Measurable Goal(s):

13 Facebook Posts - 30 likes and reactions

Message Date(s): March 2025 to May 2025

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

This message was in addition to the ones proposed in the NOI.

### **BMP: Developers & Contractors Water Quality Impacts**

Message Description and Distribution Method:

During Permit Year 7, the Central Massachusetts Regional Stormwater Coalition distributed messages through social media to target the activities of the developers, contractors and employees that have the potential to impact water quality.

Targeted Audience: Developers (construction)

Responsible Department/Parties: Central MA Regional Stormwater Coalition

Measurable Goal(s):

11 Facebook Posts - 17 likes and reactions

Message Date(s): October 2024 to June 2025

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

This message was in addition to the ones proposed in the NOI.

### **BMP: Pet Waste**

Message Description and Distribution Method:

During Permit Year 7, the Central Massachusetts Regional Stormwater Coalition distributed messages through social media to target pet waste activities that have the potential to impact water quality.

Targeted Audience: All

Responsible Department/Parties: Central MA Regional Stormwater Coalition

Measurable Goal(s):

17 Facebook Posts - 27 likes and reactions

Message Date(s): July 2024 to June 2025

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

This message was in addition to the ones proposed in the NOI.

**BMP: Septic System Maintenance**

Message Description and Distribution Method:

During Permit Year 7, the Central Massachusetts Regional Stormwater Coalition distributed messages through social media to target septic system maintenance activities (bacteria/pathogens) that have the potential to impact the water quality.

Targeted Audience: All

Responsible Department/Parties: Central MA Regional Stormwater Coalition

Measurable Goal(s):

11 Facebook Posts - 16 likes and reactions

Message Date(s): July 2024 to June 2025

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

This message was in addition to the ones proposed in the NOI.

**BMP: Leaf/Yard Waste**

Message Description and Distribution Method:

During Permit Year 7, the Central Massachusetts Regional Stormwater Coalition distributed messages through social media to target leaf/yard waste activities that have the potential to impact the water quality.

Targeted Audience: All

Responsible Department/Parties: Central MA Regional Stormwater Coalition

Measurable Goal(s):

9 Facebook Posts - 19 likes and reactions

Message Date(s): October 2024 to April 2025

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

This message was in addition to the ones proposed in the NOI.

**BMP: Residential Water Quality Impacts**

Message Description and Distribution Method:

During Permit Year 7, the Central Massachusetts Regional Stormwater Coalition distributed messages through social media to target residential activities that have the potential to impact water quality.

Targeted Audience: Residents

Responsible Department/Parties: Central MA Regional Stormwater Coalition

Measurable Goal(s):

30 Facebook Posts - 64 likes and reactions

Message Date(s): October 2024 to June 2025

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

This message was in addition to the ones proposed in the NOI.

**BMP: Commercial Water Quality Impacts**

Message Description and Distribution Method:

During Permit Year 7, the Central Massachusetts Regional Stormwater Coalition distributed messages through social media to target the activities of the commercial businesses and employees that have the potential to impact water quality.

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: Central MA Regional Stormwater Coalition

Measurable Goal(s):

9 Facebook Posts - 13 likes and reactions

Message Date(s): October 2024 to June 2025

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

This message was in addition to the ones proposed in the NOI.

### **BMP: Industrial Water Quality Impacts**

Message Description and Distribution Method:

During Permit Year 7, the Central Massachusetts Regional Stormwater Coalition distributed messages through social media to target the activities of the industrial sector and employees that have the potential to impact water quality.

Targeted Audience: Industrial facilities

Responsible Department/Parties: Central MA Regional Stormwater Coalition

Measurable Goal(s):

5 Facebook Posts - 9 likes and reactions

Message Date(s): October 2024 to June 2025

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

This message was in addition to the ones proposed in the NOI.

### **BMP:DCR Public Education - Brochures**

Message Description and Distribution Method:

The DCR Division of Water Supply Protection continues to assist watershed communities with public education and outreach efforts. Copies of all DCR brochures that address a range of stormwater issues specific to homeowners, businesses, and developers are available at the Town Hall. Road salt outreach materials were updated. A bird harassment program brochure is being developed. There were 25 brochures restocked at the West Boylston Town Hall. Additional copies can be obtained upon request and are available on the DCR website at: Brochures, Fact Sheets, and Reports | Mass.gov. The DCR Household Stormwater Pollution Prevention brochure has been included in mailings to all new homeowners listed in land transfers.

Building upon DCR's "Clean Water Makes Great Beer" campaign throughout the watershed, posters were developed and are displayed at 24 retail establishments. Coasters were also designed and 2,000 were delivered to local restaurants and bars where they were utilized during National Drinking Water Week.

DCR Water Supply Education staff produced several videos on topics such as stormwater pollution, "The Importance of Road Salt Reduction", "Make Your Own Salt Brine", and "Salt Smarter, Not Harder!" All videos can be found and linked to on the DCR YouTube website at: MassDCR - YouTube.

Targeted Audience: Residents & businesses, developers

Responsible Department/Parties: External Contractor

Measurable Goal(s):

25 Brochures were placed at the Town hall for residents to collect.  
Posters displayed at 24 retail establishments  
2,00 coasters delivered to local restaurants

Message Date(s): Permit Year 7

Message Completed for: Appendix F Requirements  Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes  No

If yes, describe why the change was made:

DCR completed this public education within the Town of West Boylston

Add an Educational Message

## MCM2: Public Participation

Describe the opportunity provided for public involvement in the development of the Stormwater Management Program (SWMP) **during this reporting period:**

The Town's Stormwater Management Plan is available on the Town's website for public review and input.

Was this opportunity different than what was proposed in your NOI? Yes  No

Describe any other public involvement or participation opportunities conducted **during this reporting period:**

The Town participates in Hazardous Waste Disposal Days at the Wachusett Regional Recycling Center. The Recycling Center collected hazardous waste for the residents of West Boylston on October 26, 2024.

The Town held a town-wide clean up day on October 13, 2024 from 9 am to 12 pm. The Town provided supplies to assist with trash collection at the Town Hall.

DCR Public Participation:

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

stormwater.

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

Wachusett Dam Day was held this spring with over 1,000 people in attendance. A table was set up with a hands-on Enviroscope model demonstrating stormwater impacts and stormwater pollution prevention. DCR staff also provided educational brochures and handouts.

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.

### **MCM3: Illicit Discharge Detection and Elimination (IDDE)**

#### **Sanitary Sewer Overflows (SSOs)**

*Check off the box below if the statement is true.*

This SSO section is NOT applicable because we DO NOT have sanitary sewer

*Below, report on the number of SSOs identified in the MS4 system and removed **during this reporting period**.*

Number of SSOs identified:

Number of SSOs removed:

#### **MS4 System Mapping**

Percent of Phase II map complete:

*Optional: Provide additional status information regarding your map:*

West Boylston completed its Phase I map as required during Permit Year 4, and already has developed a comprehensive drainage map that meets Phase II mapping requirements of the MS4 Permit as well. West Boylston continued to update its MS4 map as necessary during Permit Year 7 as a result of ongoing field investigations. MS4 mapping is updated as any unmapped or incorrectly mapped stormwater infrastructure is encountered in the field. MS4 mapping is also updated as a result of new development and redevelopment.

In addition to the work that the Town has completed, DCR has done extensive mapping of drainage structures. DCR staff continues to improve and update maps as a result of field inspections and will coordinate efforts with the watershed communities. An effort is underway to develop connectivity and flow direction information.

The DCR continues to monitor and map structural best management practices (BMPs) in the watershed. To date, 213 BMPs (including detention basins, dry wells, infiltration trenches, Stormceptors, sediment traps and sediment forebays, and rain gardens) have been mapped within West Boylston and are part of a larger Geographic Information System (GIS) hydrology layer project.

**Screening of Outfalls/Interconnections**

*If conducted, please submit any outfall monitoring results from this reporting period. Outfall monitoring results should include the date, outfall/interconnection identifier, location, weather conditions at time of sampling, precipitation in previous 48 hours, field screening parameter results, and results from all analyses. Please also include the updated inventory and ranking of outfalls/interconnections based on monitoring results.*

- No outfalls were inspected
- The above referenced outfall screening data is attached to the email submission
- The above referenced outfall screening data can be found at the following publicly available website:

*Below, report on the number of outfalls/interconnections screened **during this reporting period**.*

Number of outfalls screened:

*Below, report on the percent of outfalls/interconnections screened **to date**.*

Percent of outfalls screened:

*Optional: Provide additional information regarding your outfall/interconnection screening:*

The Town completed dry weather outfall/interconnection screening and sampling during Permit Year 4, and is therefore reporting that 100% of outfalls have been screened during dry weather as noted above. The Town performed wet weather sampling at 11 outfalls during Permit Year 7. There are 58 outfalls where wet weather sampling is required based on the System Vulnerability Factor Analysis previously completed. The Town will continue wet weather sampling during Permit Year 8.

**Catchment Investigations**

*If conducted, please submit all data collected during this reporting period as part of the dry and wet weather investigations. Also include the presence or absence of System Vulnerability Factors for each catchment.*

- No catchment investigations were conducted
- The catchment investigation data is attached to the email submission
- The catchment investigation data can be found at the following publicly available website:

*Below, report on the number of catchment investigations completed **during this reporting period**.*

Number of catchment investigations completed this reporting period:

*Below, report on the percent of catchments investigated **to date**.*

Percent of total catchments investigated:

*Optional: Provide any additional information for clarity regarding the catchment investigations below:*

The Town has 98 catchments that are regulated under the MS4 Permit. Prior to performing catchment investigations, 31 catchments were determined to have no key junction manholes and were cleared using dry weather outfall inspection data. An additional 45 catchments were field investigated during Permit Year 5 and

9 catchments were investigated during Permit Year 6. During Permit Year 7, 13 catchments were investigated.

Therefore, 100% of the Town's catchments have been investigated. However, per the permit, the Town is only reporting that catchment investigations are complete in catchments where outfalls/interconnections have been screened during dry weather, where key junction manholes in these catchments have been screened, and where wet weather sampling has been completed, and where all results indicate no likely sewer input based on field observations and sampling. The Town has performed wet weather sampling at 22 outfalls to date, and identified 40 outfalls that do not have any SVFs and do not require wet weather sampling. The Town has completed 63% of catchment investigations in terms of IDDE investigations.

### **IDDE Progress**

*If illicit discharges were found, please submit a document describing work conducted over this reporting period, and cumulative to date, including location source; description of the discharge; method of discovery; date of discovery; and date of elimination, mitigation, or enforcement OR planned corrective measures and schedule of removal.*

- No illicit discharges were found
- The illicit discharge removal report is attached to the email submission
- The illicit discharge removal report can be found at the following publicly available website:

*Below, report on the number of illicit discharges identified and removed, along with the volume of sewage removed **during this reporting period**.*

Number of illicit discharges identified:

Number of illicit discharges removed:

Estimated volume of sewage removed:  gallons/day

*Below, report on the total number of illicit discharges identified and removed to date. At a minimum, report on the number of illicit discharges identified and removed **since the effective date of the permit (July 1, 2018)**.*

Total number of illicit discharges identified:

Total number of illicit discharges removed:

*Optional:* Provide any additional information for clarity regarding illicit discharges identified, removed, or planned to be removed below:

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 towns. Biweekly samples for bacteria, turbidity, and specific conductance were collected from eight tributaries in West Boylston and monthly nutrient samples were collected at five locations. There are a few tributaries with historical bacteria issues which have been documented in prior DCR annual reports. Gates Brook 4 has an area with roosting birds that were identified as a source of elevated bacteria seasonally. Bacteria levels in West Boylston Brook have been sporadically elevated and are being monitored. Sometimes bacteria is high following rain events. This is not necessarily indicative of illicit discharges as bacteria concentrations in watershed tributaries increase during storm events even in undeveloped forested areas. Annual water quality summary statistics and raw data are

available upon request. DCR will continue to monitor these sites.

### **Employee Training**

Describe the frequency and type of employee training conducted **during this reporting period**:

West Boylston held an IDDE and SWPPP training session on June 11, 2025. The training was attended by six municipal employees from the Parks and Highway Departments. The SWPPP training covered BMPs at the DPW Facility and Mount Vernon Cemetery.

The DCR continues to offer a Stormwater Pollution Prevention Training Program for municipal employees in watershed communities. Towns should contact the DCR if they are interested.

Each fall, DCR and MWRA have partnered with Baystate Roads to provide Winter Snow and Ice Operations training at no cost for municipal employees in watershed communities. This class covers best practices for equipment and road salt reduction techniques while maintaining public safety. Towns should contact the DCR if they are interested.

DCR provided the West Boylston DPW Director with a “Salt Smarter, Not Harder - Ways to Reduce Salt Use” metal placard which was placed on the residential salt/sand containment shed in the DPW Yard.

### **MCM4: Construction Site Stormwater Runoff Control**

*Below, report on the construction site plan reviews, inspections, and enforcement actions completed **during this reporting period**.*

Number of site plan reviews completed:

Number of inspections completed:

Number of enforcement actions taken:

*Optional:* Enter any additional information relevant to construction site plan reviews, inspections, and enforcement actions:

The Town of West Boylston conducted one site plan review and one inspection during Permit Year 7.

DCR Inspections:

Routine inspections of construction sites that disturb more than one acre are done by the DCR during dry and wet weather. The SWPPP compliance monitoring inspections for EPA Construction General Permits between July 1, 2024, and June 30, 2025, are listed as follows:

1. Location: National Grid Row 313/343/O141/P142

Total Inspections: 29

Wet Weather Condition Inspections: 7

2. Location: 160 Hartwell Street

Total Inspections: 5

Wet Weather Condition Inspections: 3

As shown above, DCR monitored two projects during FY25 and conducted a total of 34 inspections with 10 inspections occurring during wet conditions. These projects continue to be monitored, and site visits are still occurring to ensure compliance under the EPA Construction General Permit.

## **MCM5: Post-Construction Stormwater Management in New Development and Redevelopment**

### **As-built Drawings**

*Below, report on the number of as-built drawings received during this reporting period.*

Number of as-built drawings received:

*Optional:* Enter any additional information relevant to the submission of as-built drawings:

### **Street Design and Parking Lots Report**

Below, describe any changes made or planned to be made to local regulations and guidelines based on the report completed in Year 4:

During Permit Year 4, the Town developed their Street Design and Parking Lot Report, which assessed current street design and parking lot guidelines and other local requirements that affect the creation of impervious cover. Regulatory mechanisms were reviewed to determine if changes to existing design standards could be made to support low impact design options and, where appropriate, proposed recommendations to incorporate policies and standards to minimize impervious cover in parking areas and street designs. The Town will be revisiting these recommendations during Permit Year 8 in an effort to make updates to local regulations, where feasible.

### **Green Infrastructure Report**

Below, describe progress towards making green infrastructure practices allowable based on the report completed in Year 4:

During Permit Year 4, the Town developed a Green Infrastructure Report, which assessed existing local regulatory mechanisms to determine the feasibility of making the following practices allowable when appropriate site conditions exist:

- Green roofs
- Infiltration practices such as rain gardens, curb extensions, planter gardens, porous and pervious pavements, and nature-based stormwater management practices
- Water harvesting devices such as rain barrels and cisterns, and the use of stormwater for non-potable uses
- Open space preservation or cluster development practices

The Town will be revisiting these recommendations during Permit Year 8 in an effort to make updates to local regulations, where feasible.

**Retrofit Properties Inventory**

Below, list remaining permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (must maintain a minimum of 5 sites in inventory until less than 5 sites remain):

- Site #1: Department of Public Works (35 Worcester Street)
- Site #2: West Boston Municipal Light Plant ( 4 Crescent Street)
- Site #3: Lee Street and Goodale Street Intersection
- Site #4: Pride Park Playground (70 Crescent Street)
- Site #5: Paul X Tivnan Drive Cemetery (Paul X Tivnan Drive)

Stormwater retrofits have not been completed at any of these sites to date.

Below, list all properties that have been modified or retrofitted with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.d of the permit and the type of BMP(s) implemented. Non-MS4 owned properties that have been modified or retrofitted with BMPs to mitigate impervious area may also be listed, but must be indicated as non-MS4.

**MCM6: Good Housekeeping**

**Catch Basin Cleaning**

*Below, report on the number of catch basins inspected and cleaned, along with the total volume of material removed from the catch basins **during this reporting period.***

Number of catch basins inspected:

Number of catch basins cleaned:

Total volume or mass of material removed from all catch basins:

*Below, report on the total number of catch basins in the MS4 system.*

Total number of catch basins:

*If applicable:*

Report on the actions taken if a catch basin sump is more than 50% full during two consecutive routine inspections/cleaning events:

The Town is continuing to collect data to prepare a Catch Basin Cleaning Optimization Plan. The Plan will be developed in Permit Year 8 to continue to monitor these basins, and ensure cleaning frequency is conducted so

that no catch basin sump is more than 50% full.

### **Street Sweeping**

Report on street sweeping completed **during this reporting period** using one of the three metrics below.

- Number of miles cleaned:
- Volume of material removed:  [Select Units]
- Weight of material removed:  [Select Units]

### **Stormwater Pollution Prevention Plan (SWPPP)**

Below, report on the number of site inspections for facilities that require a SWPPP completed **during this reporting period**.

Number of site inspections completed:

Describe any corrective actions taken at a facility with a SWPPP:

During Permit Year 7, eight (8) inspections were able to be completed - four (4) quarterly inspections were conducted at each facility, which includes the DPW Garage and the Mount Vernon Cemetery. At least one (1) inspection at each facility occurred during a wet weather event.

There were no corrective actions taken on site or required during Permit Year 7.

## **Additional Information**

### **Monitoring or Study Results**

Results from any other stormwater or receiving water quality monitoring or studies conducted during the reporting period not otherwise mentioned above, where the data is being used to inform permit compliance or permit effectiveness must be attached.

- Not applicable
- The results from additional reports or studies are attached to the email submission
- The results from additional reports or studies can be found at the following publicly available website(s):

If such monitoring or studies were conducted on your behalf or if monitoring or studies conducted by other entities were reported to you, a brief description of the type of information gathered or received shall be described below:

DCR staff conduct monthly monitoring that captures both wet and dry weather conditions at eight stations on five streams in West Boylston, as listed below. The parameters tested are: Alkalinity, pH, Temperature, Dissolved Oxygen, Total Nitrogen, Total Phosphorus, Total Organic Carbon, E. coli, Turbidity, Specific Conductance, and Chloride. Mean Daily Discharge and Total Monthly Discharge measurements are also recorded.

Location Label - Description - Lat - Long

GATES BROOK 1 - MD04 DOWNSTREAM OF BRIDGE INSIDE GATE 25 42.36495486 -71.77578615

GATES BROOK 4 - MD73 UPSTREAM OF PIERCE ST 42.34811601 -71.78343803

MALDEN BROOK - MD06 UPSTREAM OF THOMAS ST 42.38124105 -71.79554705

MUDDY BROOK - MD03 UPSTREAM OF RT 140 42.34749911 -71.76574116

OAKDALE BROOK - MD80 DOWNSTREAM OF WAUSHACUM ST - EAST OF RT 140 42.39129254  
-71.79329243

SCARLETT BROOK (DS W.M.) - MD81 BEHIND WALMART ABOVE CONFLUENCE WITH GATES  
BROOK 42.35603437 -71.78166043

WAUSHACUM BROOK (PRESCOTT ST) - MD83 DOWNSTREAM OF PRESCOTT ST 42.39708333  
-71.7793418

WEST BOYLSTON BROOK - MD05 UPSTREAM OF ACCESS ROAD INSIDE GATE 25 42.36842023  
-71.78101728

The DCR also conducts bacteria sampling every two weeks at the above sites and nutrients once a month at Gates Brook 1, Malden Brook, Muddy Brook, Waushacum Brook, and West Boylston Brook.

Number of samples collected between July 1, 2023, and June 30, 2024:

Gates Brook 1 - 36 samples collected (24 bacteria samples; 12 nutrient samples)

Gates Brook 4 - 24 bacteria samples collected

Malden Brook - 36 samples collected (24 bacteria samples; 12 nutrient samples)

Muddy Brook - 36 samples collected (24 bacteria samples; 12 nutrient samples)

Oakdale Brook - 24 bacteria samples collected

Scarlett Brook (Downstream of Walmart) - 24 bacteria samples collected

Waushacum Brook (Prescott St.) - 36 samples collected (24 bacteria samples; 12 nutrient samples)

West Boylston Brook - 36 samples collected (24 bacteria samples; 12 nutrient samples)

### **Additional Information**

Enter any additional information relevant to your stormwater management program implementation during the reporting period. Include any BMP modifications made by the MS4 if not already discussed above.

DCR monitors basins located on DCR property within the Town to determine if there are any maintenance needs. Nine DCR Basin sites in West Boylston were inspected during the reporting period.

Emergency Response Garage

180 Beaman Street

Wachusett Recycling Center

Gate WB10 (Old Stone Church)

Gate 25

Beaman St. Bridge

Gate WB19

Gate 18 (Worcester Pump Station)

Gate 27 (Lancaster Street)

- DCR performed regular site visits in the fall of 2024 and the spring of 2025. DCR staff also spot checked periodically after larger storm events.
- DCR performed regular mowing of grass during the growing season at the stormwater basins at the Emergency Response Garage, 180 Beaman Street, Wachusett Recycling Center, Gate WB10, Gate 25,

Beaman Street Bridge, Gate WB19, Gate 18, and Gate 27.

- Aqualis cleaned 7 Stormceptors from Beaman Street and South Bay. DCR utilized their loader to assist Aqualis in loading the sediment into their trucks for disposal.
- DCR had previously prepared plans to rehabilitate the stormwater basin at Gate 27, and during this fiscal year, DCR maintenance crews rehabilitated the basin. Accumulated sediment was removed from the basin's forebay, the basin bottom was raised to design elevations with drainage sand and new topsoil, a new section of perforated subdrain pipe was added to the existing subdrain pipe, and the areas was restored with new grass.
- Materials, including valves, piping, and hardware, were purchased for the retro-fitting of drain valves into the two outlet structures from the forebays at Gate WB10. This will allow staff to drain the forebay to control aquatic nuisance wildlife and algae.
- DCR staff removed a stuck rock from the outlet of the subdrain pipe from the bioretention basin at Gate WB10. Also, woody vegetation was cut and removed from the inlet forebays at WB10 and Gate 25. Finally, the accumulated leaf debris was removed from the swale and rain garden at Gate 28.
- DCR staff completed various work tasks in May of 2025. Work included the removal of accumulated sediment from riprap at the inlet to one of the forebays at Gate 25, removal of woody vegetation from the gravel wetland at Gate 25, removal of leaf debris from the rain garden at Gate 28, and the removal of sediment and repair of erosion at the southern BMP on 180 Beaman St.

All agricultural sites are regularly monitored by DCR staff for stormwater related issues such as erosion and manure runoff. There are a total of 66 agricultural sites in West Boylston. The majority (50%) of the sites are hayfields, followed by animals (41%). However, most of these sites do not pose a risk to storm drain systems or surface waters. Only two agricultural site inspections were performed in West Boylston during the reporting period. Most of the agricultural properties in town are small with no observed violations or need for remediation and do not require annual visits.

## Year 8

### Activities Planned for Next Reporting Period

Please confirm that your SWMP has been, or will be, updated to comply with all applicable permit requirements including but not limited to the year 8 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree

### Annual Requirements

- Annual report submitted and available to the public
- Annual opportunity for public participation in review and implementation of SWMP
- Keep records relating to the permit available for 5 years and make available to the public
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Continue public education and outreach program
- Update outfall and interconnection inventory and priority ranking and include data collected in connection with the dry weather screening and other relevant inspections conducted
- Implement IDDE program

- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspection of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected
- Sweep all curbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; update if necessary
- Review O&M programs for all permittee owned facilities; update if necessary
- Implement all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implement program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Enclose all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Review as-built drawings for new and redevelopment to ensure compliance with post construction bylaws, regulations, or regulatory mechanism consistent with permit requirements
- Inspect all permittee owned treatment structures (excluding catch basins)
- Identify additional permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas so that the permittee maintains a minimum of 5 sites in their inventory, until such a time when the permittee has less than 5 sites remaining

Provide any additional details on activities planned for permit year 8 below:

## Part V: Certification of Small MS4 Annual Report 2025

### 40 CFR 144.32(d) 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, I certify that 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.

Name:

Heather Butler

Title:

Town Administrator

Signature:

*Heather Butler*

Date:

9/29/2025

*[Signatory may be a duly authorized representative]*