

# 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:

The Town of Hopkinton completed inspections of all permittee owned treatment structures during summer 2025.

**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:

**Phosphorus** (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

Annual Requirements

*Public Education and Outreach\**

- Distributed an annual message in the spring (April/May) encouraging the proper use and disposal of grass clippings and encouraging the proper use of slow-release and phosphorus-free fertilizers

- Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter

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

*Good Housekeeping and Pollution Prevention for Permittee Owned Operations*

- Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii.(c) to a minimum of two times per year (spring and fall)

*Structural BMPs*

- Installed a structural BMP as a demonstration project within the drainage area of the water quality limited water or its tributaries. The type of BMP installed is (*e.g. biofiltration*):

The Town hired Tighe & Bond to evaluate potential structural BMPs that could be installed to optimize phosphorus removal within the Whitehall Reservoir Watershed. The Town has limited Town-owned property in Whitehall Reservoir Watershed and most of the viable locations for BMPs are within the Whitehall State Park. Tighe & Bond provided recommendations for the rehabilitation of three Town-owned BMPs in the Sylvan Way subdivision. Upon further evaluation of the three recommended BMP retrofits, the Town decided that the rehabilitation of these BMPs did not meet the intent of the permit of installing a BMP within a catchment area with a high phosphorus load potential. The Town opted to explore other options for a demonstration project that would better optimize phosphorus removal. The Town reached out to and obtained DCR's support to conduct a feasibility study to install BMPs in the Longwood Drive catchment, which was identified as a higher priority for phosphorus removal and impacts to the Whitehall Reservoir than the Sylvan Way BMPs. The Feasibility Study was completed in January 2025. The funding to implement the recommended BMPs was deferred to FY27 due to budget constraints and to provide time to engage DCR as a potential partner to help fund and or implement the project. In Sep 2025, DCR's Chief of Design and Engineering notified the Town that their stormwater staff are reviewing the study and will follow up with the Town about next steps.

- Any structural BMPs already existing or installed in the regulated area by the permittee or its agents was tracked and the phosphorus removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP, and the estimated phosphorus removed in mass per year by the BMP were documented.

- No BMPs were installed
- The above referenced BMP information is attached to the email submission
- The above referenced BMP information can be found at the following publicly available website:

Total estimated phosphorus removed in **lbs/year** from the installed BMPs:

*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:

**Charles River Watershed Phosphorus TMDL**

*Below, calculate your current phosphorus export rate by first filling out the individual phosphorus loading components (labeled [A], [B], [C], and [D]) and then computing your current phosphorus export rate using the equation provided.*

Baseline phosphorus export rate from PCP Area, as identified in Appendix F (lbs/year) [A]:	617
Total phosphorus reduction from all nonstructural controls implemented <b>this reporting period</b> (lbs/year) [B]:	5.4
Total phosphorus reduction from all structural controls installed this reporting period and all previous years (lbs/year) [C]:	0
Phosphorus load increase due to development incurred since 2005 in lbs/year [D]:	-71
Current phosphorus export rate from the PCP Area in lbs/year [=A-(B+C)+D from above]:	540.6

I certify under penalty of law that all source control and treatment Best Management Practices being claimed for phosphorus reduction credit have been inspected, maintained and repaired in accordance  with manufacturer or design specification. I certify that, to the best of my knowledge, all Best Management Practices being claimed for a phosphorus reduction credit are performing as originally designed.

All municipally owned and maintained turf grass areas are being managed in accordance with Massachusetts Regulation 331 CMR 31 pertaining to proper use of fertilizers on turf grasses

Implemented all nonstructural control measures **during this reporting period** and documented the measures and their phosphorus reduction. The nonstructural control measure information:

- is attached to the email submission
- can be found at the following publicly available website:

[https://cms5.revize.com/revize/hopkinton/PCP\\_Hopkinton\\_Final\\_compiled.pdf](https://cms5.revize.com/revize/hopkinton/PCP_Hopkinton_Final_compiled.pdf)

Documented the structural control measures implemented during **this reporting period and all previous years**, including location, phosphorus reduction in mass/year, and date of last completed maintenance and inspection for each control. The structural control measure information:

- is not applicable; no structural control measures were implemented
- is attached to the email submission
- can be found at the following publicly available website:

[https://cms5.revize.com/revize/hopkinton/PCP\\_Hopkinton\\_Final\\_compiled.pdf](https://cms5.revize.com/revize/hopkinton/PCP_Hopkinton_Final_compiled.pdf)

*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:

The Town of Hopkinton Department of Public Works (DPW) sweeps all municipally owned streets and parking lots twice per year.

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***NON-TRADITIONAL AND TRANSPORTATION MS4s ONLY- municipalities please skip this section:***

Describe the planned phosphorus reduction activities on site and coordination progress with the applicable municipality:

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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:

## 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: Education and Outreach to Residents: Leaf Litter and Recycling**

Message Description and Distribution Method:

The Town of Hopkinton Department of Public Works (DPW) maintains leaf litter and recycling information on our website. Leaf litter information can be found in our "Fall Cleanup" section of the Stormwater webpage. Recycling information can be found on our Trash and Recycling webpage.

The Trash & Recycling page is regularly updated with the Hopkinton Recycling Center hours and information about Leaf and Brush Drop-off collection days (including leaves, brush, and grass clippings), as well as residential composting. This page also contains a link to MassDEP's Recyclopeda search tool, which allows users to look up how to properly recycle or dispose of various materials.

The Hopkinton DPW also hosts a yearly Household Hazardous Waste Collection Day. This year's event took place on August 3, 2024.

The Hopkinton Sustainable Green Committee (HopGreen) website contains information about Recycling and Reuse Day, a community recycling event that took place April, 2024, and additional information about residential composting options in town.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Information about trash, recycling, composting, and the Household Hazardous Waste Collection Day was made available to the public on the Town website. Additional recycling and composting resources were also shared on the HopGreen website.

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: Public Education and Outreach to Developers: Sediment and Erosion Control**

## Message Description and Distribution Method:

The Central Massachusetts Regional Stormwater Coalition (CMRSWC) distributed messages through social media to target the activities of the developers and contractors that have the potential to impact the quality of water quality. The Town of Hopkinton is a member of CMRSWC.

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: Education and Outreach to Residents: Yard Waste and Fertilizer Use**

## Message Description and Distribution Method:

The CMRSWC distributed messages through social media to target residential activities that have the potential to impact the quality of water quality.

The Hopkinton DPW webpage includes multiple educational flyers on yard waste and fertilizer application. One flyer explains the difference between organic and synthetic fertilizers and another offers ways to use fallen leaves such as compost, mulch, or insulation for plants over the winter.

The webpage also contains a ThinkBlue Massachusetts "Clean Water for You" video. The video shows how rainfall carries pollution and contaminants into our waterways and contains tips for preventing stormwater pollution, including encouraging viewers to use caution with lawn fertilizers and pesticides.

The Hopkinton Sustainable Green Committee (HopGreen) website contains several resources promoting sustainable and environmentally responsible practices, including a dedicated section for lawn care. The section contains links and information relating to using native plants, avoiding using harmful pesticides, and tips for fertilizers and pesticides.

The Lake Maspenock Preservation Association (LMPA) sent out e-newsletters and posted information on their website on phosphorus and reducing fertilizer runoff into the lake.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

See the attached CMRSWC Report.  
The educational messages are available to all visitors of the websites.

Message Date(s): CMRSWC messages March 1, 2025 through May 31, 2025.  
Town, HopGreen, and LMPA websites, continuous.

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: Education and Outreach to Residents, Business, & Industry: Winter Deicing Messages**

Message Description and Distribution Method:

CMRSWC distributed messages through social media to target deicing activities that have the potential to impact the quality of water quality.

Targeted Audience: Residents

Responsible Department/Parties: CMRSWC

Measurable Goal(s):

See CMRSWC report attached.

Message Date(s): January 6, 2025, through February 28, 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:

**BMP: Lawn Care Messages**

Message Description and Distribution Method:

CMRSWC distributed messages through social media to target lawn care activities that have the potential to impact the quality of water quality.

Targeted Audience: Residents

Responsible Department/Parties: CMRSWC

Measurable Goal(s):

See CMRSWC report attached.

Message Date(s): March 1, 2025, through May 31, 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:

**BMP: Pet Waste Messages**

Message Description and Distribution Method:

CMRSWC distributed messages through social media to target pet waste activities that have the potential to impact the quality of water quality.

The Town posted educational material about the proper disposal of pet waste at the Hopkinton dog park and at several popular dog walking trails. The DPW distributed pet waste bags, in fun fire hydrant shaped holders, at the dog park in June of 2025 and at the Fire Station Open House in Oct of 2025 and spoke to dog owners to educate them about cleaning up pet waste to protect waterways. Additionally, the Clerk's Office handed out these pet waste bags when issuing dog licenses. A resident pet waste flyer with information about pet waste management is available on the Clerk's website in the dog licensing section.

The Town DPW website has a ThinkBlue Massachusetts video showing how pet waste is carried into waterways by runoff. The Town Water & Sewer Department website has a "Dog Walking Near Drinking Wells" MassDEP flyer which explains how improper disposal of pet waste can impact local waterways.

Targeted Audience: Residents

Responsible Department/Parties: DPW/CMRSWC/Town Clerk

Measurable Goal(s):

See attached CMRSWC reports.  
All visitors to the Town's website are able to view and download educational materials.

Message Date(s): CMRSWC messages: July 1, 2024-September 30, 2024; June 1, 2025, through June 30, 2025  
Website: Ongoing

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: Public Education and Outreach: Water Quality Report**

## Message Description and Distribution Method:

The Town's 2024 Annual Water Quality Report addressed stormwater management and how residents, businesses, and industrial facilities can help reduce stormwater pollution. The report explained that pesticides, herbicides, and chemical lawn care products can enter the water supply and encouraged the use of organic alternatives. It advised against storing oil, gasoline, paint, and other hazardous materials in old or leaking containers. The report also highlighted the Town's annual spring hazardous waste collection day as an opportunity to safely dispose of these materials.

Targeted Audience: Residents

Responsible Department/Parties: Hopkinton Water Department

## Measurable Goal(s):

The report was distributed to all Town properties and was shared on the DPW's Facebook page which has approximately 684 followers.

Message Date(s): June 5, 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:

**BMP: Public Education and Outreach: Septic System Maintenance**

## Message Description and Distribution Method:

The Hopkinton Board of Health Frequently Asked Questions webpage includes information on proper septic system maintenance. The DPW webpage has a flyer titled Be A Good Septic Owner which gives 10 tips on maintaining residential septic systems. Information on both webpages are available for the public to view at any time.

CMRSWC distributed messages through social media to target septic system maintenance activities (bacteria/pathogens) that have the potential to impact the quality of water quality.

Targeted Audience: Residents

Responsible Department/Parties: Board of Health/CMRSWC/DPW

## Measurable Goal(s):

Educational information is available to all visitors of the Board of Health and DPW webpages. See CMRSWC report.

Message Date(s): Town Website: Ongoing  
CMRSWC: July 1, 2024, through September 30, 2024

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: Commercial Business Messages**

Message Description and Distribution Method:

CMRSWC distributed messages through social media to target the activities of the commercial business and employees that have the potential to impact the quality of water quality.

The Hopkinton DPW Stormwater webpage has a flyer titled Put Waste in Its Place, which describes business owners' responsibilities related to dumpster management and highlights the risks that open, leaking, or overflowing dumpsters pose to local waterways. This webpage also has a Parking Lot Maintenance by Season checklist for business owners, which provides guidance on prolonging the life of parking lots and helping prevent stormwater runoff.

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: CMRSWC/DPW

Measurable Goal(s):

See attached CMRSWC report.  
Educational information is available to all visitors of the Hopkinton DPW webpage.

Message Date(s): January 6, 2025, through June 30, 2025.  
DPW website: Ongoing

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: Public Education and Outreach to Industrial Facilities**

Message Description and Distribution Method:

CMRSWC distributed messages through social media to target the activities of industry and employees that have the potential to impact the quality of water quality.

Targeted Audience: Industrial facilities

Responsible Department/Parties: CMRSWC

Measurable Goal(s):

See the attached CMRSWC report.

Message Date(s): January 6, 2025, through June 30, 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:

**BMP: Developers and Contractors Messages**

Message Description and Distribution Method:

CMRSWC distributed messages through social media to target the activities of the developers and contractors and employees that have the potential to impact the quality of water quality.

Targeted Audience: Developers and Contractors

Responsible Department/Parties: CMRSWC

Measurable Goal(s):

See attached CMRSWC report.

Message Date(s): January 6, 2025, through June 30, 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:

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 kept the SWMP posted to its website for the entirety of the reporting period. The SWMP will continue to be made available on the Town's website for public review and comment.

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 hosted cleanup events during the reporting period: Annual Fall Lake Whitehall cleanup sponsored by Friends of Whitehall (10/19/2024) and the Annual Sandy Beach/ Lake Maspenock clean up sponsored by Lake Maspenock Preservation Association (4/5/25). The Charles River Watershed Association held an annual Earth Day Clean Up to clean up trash along the Charles River (4/26/2025).

The Town teamed with OARS to host a Water Wise Workshop, which taught river science and sustainability to 60 campers during our Parks and Rec summer camp program.

The Town partnered with Adopt-a-drain to invite residents to adopt a storm drain in their neighborhood and keep it clear of leaves, trash, and other debris to reduce water pollution.

The Town of Hopkinton DPW handed out dog waste bags in fire hydrant shaped holders at the dog park in June 2025 and at the Fire Station Open House in Oct 2025 and talked to dog owners to educate them on the importance of properly cleaning up pet waste to protect local water quality.

Several local organizations including the Hopkinton Conservation Commission, the Hopkinton Sustainable Green Committee, the Hopkinton Trails Club, the Lake Maspenock Preservation Association, and Scouts discussed stormwater management at their meetings and provided opportunities for the public to participate in discussion or events.

### **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:

The Town has mapped all catch basins, manholes, and outfalls. The locations and attributes are continuously updated as new information is gathered through catchment investigations. The remaining areas to be mapped have been flagged as difficult to access or find.

### **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:

During permit year 7 catchment investigation work, drainage system mapping was updated and confirmed in the field. As a result, six outfalls were removed from the inventory due to being non-existent or previously misidentified. Four new outfalls were added to the inventory; three of these require dry weather screening in permit year 8, while one had no flow and dry weather screening is complete. The Town will continue to update the outfall inventory as part of catchment investigations.

### **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 of Hopkinton investigated 87 catchments in total in PY7. To date, approximately 21 percent of the Town's catchments have been visited. As part of these ongoing catchment investigations, the Town also updated and confirmed our drainage system mapping. Catchment investigation statuses have been included in the attached Hopkinton PY7 IDDE Program Summary Memo and in Attachment E.

### **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:

The Town of Hopkinton DPW issued a violation notice to a property discharging pool water onto a public street. The notice informed the property owner that they were in violation of the Town's bylaw prohibiting the discharge of water onto a public way, and included educational information about the harm chlorinated water can cause to rivers, streams, and ponds. The illicit discharge stopped following the notice.

### **Employee Training**

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

The Town conducted our annual employee IDDE training on April 1, 2025. The training provided an overview of the MS4 programs including types of illicit discharges and how to identify and report illicit discharges to the drainage system. 5 employees attended this training.

### 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:

### 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:

The Town of Hopkinton updated our stormwater regulations on April 22, 2024, including new guidance on street design and parking lot standards.

[Empty rectangular box]

**Green Infrastructure Report**

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

Green infrastructure is allowable and incorporate in the Town's updated stormwater regulations. The Town of Hopkinton is in the process of finalizing our Climate Action Plan and Implementation Blueprints which will further encourage green infrastructure. In 2023, electric vehicle parking requirements were added to the Town's Zoning Bylaws.

**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):

The five Town-owned properties that were identified with potential to be modified or retrofitted with BMPs:

- Hopkinton Middle School - 88 Hayden Rowe (currently under construction)
- Sandy Beach on Lake Maspenock - 4 Lake Shore Drive (currently under design)
- Hopkinton Center for the Arts - 98 Hayden Rowe
- Town Storage Building - 66B Fruit Street
- Ice House Pond - 28 West Main Street (requesting CPC funding for conceptual design in FY27)

The Town continues to review and identify additional sites or infrastructures that could be retrofitted.

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.

[Empty rectangular box]

**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 contracted a vendor to inspect and clean all catch basins within the municipal system, regardless of their fullness at the time of the previous inspection or cleaning. The town is working to improve data collection relating to catch basin percent full data.

### **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:

### **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:

## **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):

<https://lmpa.org/2025/09/02/microbac-test-results-august-2025/>

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:

Lake Maspenock Preservation Association is a non-profit organization that works to protect the quality of the lake and its watershed. The association partners with nearby towns, such as Hopkinton, to keep the community informed on important events and issues happening to the lake. The association performs water sampling through Microbac laboratories that considers E-coli, total phosphorous, dissolved oxygen, temperature, and pH. Testing was completed in once in PY7 (May 2025).

### **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.

The Town is taking steps to replace two undersized culverts on Fruit Street over an unnamed tributary to Whitehall Brook. During PY7, the Town applied for and was awarded FY25 Culvert Replacement Municipal Assistance Grant from the Massachusetts Division of Ecological Restoration (DER) to support engineering services, including data collection, resource area delineation, and conceptual design. This phase of the work is nearly complete. The Town has also applied for and received additional funding for the next phase, which will advance the project to 75 percent design completion for permitting.

Additionally, in PY7, the Town completed a stormwater retrofit feasibility study for Longwood Drive to evaluate options for improving water quality entering Whitehall Reservoir. The Town is currently exploring a partnership with Massachusetts DCR to advance this project.

## **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.

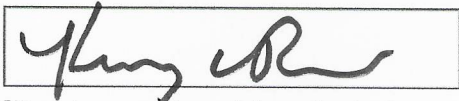
Name:

Kerry Reed

Title:

DPW Director

Signature:



Date:

9/25/2025

*[Signatory may be a duly authorized representative]*