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: Town of Longmeadow

EPA NPDES Permit Number: MAR041013

Primary MS4 Program Manager Contact Information

Name: Sean Van Deusen Title: Public Works Director

Street Address Line 1: 170 Dwight Road

Street Address Line 2:

City: Longmeadow State: MA Zip Code: 01106

Email: svandeusen@longmeadowma.gov Phone Number: (413) 567-3400

Stormwater Management Program (SWMP) Information

SWMP Location (publicly available web address): https://www.longmeadow.org/DocumentCenter/View/4904/Stormwater-Management-Program

Date SWMP was Last Updated: August 6, 2020

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 used approximately 1,000 tons of road salt, pretreated with approximately 1,500 gallons of magnesium chloride. All such materials are properly enclosed.
The Town does not have sufficient staffing to inspect all Town-owned treatment structures each year, but remains committed to inspecting treatment structures on a rotating basis

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:

Nitrogen (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) that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release 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 F and H 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)*:

☐ Any structural BMPs listed in Attachment 3 to Appendix F already existing or installed in the regulated area by the permittee or its agents was tracked and the nitrogen 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 nitrogen 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 nitrogen removed in lbs/year from the installed BMPs: 0

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 permit does not require tracking of existing BMPs for municipalities subject to Nitrogen TMDL requirements (Appendix F, part B.I.1.c.iii). No new structural BMPs have been installed to date, but any such BMPs will be tracked as they are installed.
-The Town is not subject to the requirement to install a structural BMP targeting nitrogen removal as a demonstration project, as there are no nitrogen impaired waters covered under a TMDL. However, the town has completed permit level design for two retrofit projects at Bliss Park, and 40% design for another retrofit projects. All three are located within areas subject to the Long Island Sound Nitrogen TMDL.

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)*:

☒ 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: 0

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:

Glenbrook Middle School and Williams Middle School are planned to be combined into one school on the Williams School site, which is being reconstructed, the design of which will include stormwater management practices.

The Town is exploring options for the Glenbrook School site, which drains to the phosphorus-impaired Longmeadow Brook, and will consider retrofits in this location as site plans are finalized.

Solids, Oil and Grease (Hydrocarbons), or Metals

Annual Requirements

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

☒ Increased street sweeping frequency of all municipal owned streets and parking lots to a schedule that targets areas with potential for high pollutant loads

- ○ The street sweeping schedule is attached to the email submission
- ○ The street sweeping schedule can be found at the following publicly available website:

☒ Prioritized inspection and maintenance for catch basins to ensure that no sump shall be more than 50 percent full; Cleaned catch basins more frequently if inspection and maintenance activities indicated excessive sediment or debris loadings

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:

-All streets and parking lots were swept twice during the reporting period, in spring and late fall.

-Catch basin inspections are proceeding slowly due to a lack of staff capacity. DPW will continue to seek funding and resources to meet these requirements and is working towards a system to ensure that no sump is more than 50 percent full.

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:

There have been no new changes. Previously, the Town updated its list of receiving waters to reflect the following:
• Discharges to Porter Lake that were not reflected in NOI have been added. Porter Lake is impaired for Excessive Algae (Appendix G: Total Phos.), non-native aquatic plants, and Aquatic Plants (macrophytes).

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**: 9

*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: Think Blue Connecticut River Website

Message Description and Distribution Method:

The Think Blue Connecticut River website is at the core of all regional messaging about stormwater. The website at www.thinkblueconnecticutriver.org does the following:
• Covers major areas of messaging about reducing polluted stormwater flows, including lawn and yard care, pet waste management, car care, controlling soil erosion, soaking up the rain, and septic system care
• Addresses the key 4 audiences plus educators
• Serves as the "landing place" for information on nearly all social media messaging

In the past year, PVPC has developed a new logo for the Think Blue Connecticut River website as a way to draw greater interest from all audiences in the region. The logo features a river otter, inspired by drone video footage capture of otters in lower Abbey Brook in Chicopee. The river otter will help with future messaging in drawing more powerful connection between the need for clean stormwater to support the lives of these and other important creatures. The core message being, how we manage our lawns, pet waste, septic systems, etc. has direct impact on the otter and other wildlife dependent on rivers, streams, lakes, and wetlands. Selection of the otter is also based on its qualities as a charismatic megafauna with greater public appeal and thus potential for inducing a response to appeals for cleaning up stormwater. PVPC will be working with the Stormwater Committee in the coming year to consider ways to use the otter to best effect.

www.thinkblueconnecticutriver.org/ms4-communities/

Targeted Audience: Residents, business/institutional/commercial, developers, and industrial facilities

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

A total of 5,060 people visited the Think Blue Connecticut River website during Year 7 and spent an average of 12 seconds on viewing pages on stormwater best practices. Beyond the web analytics reported below on specific messages, there were the following views of the general audience pages on the Think Blue Connecticut River website:
Residents views = 69; Businesses and Institutions views = 48; Developers views = 59; Industries views = 29; and Educators views = 39.

Message Date(s): July 1, 2024 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:

As indicated in previous annual reports, the website was not mentioned in the NOI and SWMP, but it is central to all messaging in the region, providing additional information and resources on key topics.

BMP:2. Proper Management of Pet Waste

Message Description and Distribution Method:

Messaging included a slide for use by local cable access television stations in English and Spanish, and an e-mail message to municipal clerks/dog officers providing materials for use in the licensing process.
The cable access message was simplified based on feedback from cable tv stations on a Year 5 fall leaf litter messages. This message in Year 7 on pet waste also focused specifically on communicating that pet waste should be put in a trash bin. Public works officials on the Connecticut River Stormwater Committee had stressed the importance of this point because they are frequently finding bagged pet waste in catch basins. Materials provided to municipal clerks and licensing officers was based on a survey done in Year 3 about what might be the most effective methods for messaging through their licensing process.

www.thinkblueconnecticutriver.org/ms4-communities/

Targeted Audience: Residents

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

The cable access message in English and Spanish went to 18 local stations and email reminders went out to 20 Town Clerks

Message Date(s): December 2024-April 2024 (depending on municipality)

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:

The NOI/SWMP indicated pet waste messaging only in summer months as PVPC understood that messaging under the Appendixes could be combined. EPA has indicated that additional messaging to dog owners “at time of licensing” is required. Messaging at time of licensing was added, starting in Year 2, along with additional messaging on pet waste during “stay at home” orders with the pandemic (given the increased visibility of associated problems).

BMP:Proper Management of Pet Waste (summer)

Message Description and Distribution Method:

Paid placement social media messages on Facebook and Instagram at the start of the summer swimming season targeted people in Connecticut Stormwater Committee zip codes who had identifiers that match “pets at home” and “dog walking.”
As this message in Year 7 on pet waste also focused specifically on communicating that pet waste should be put in a trash bin. We also sent the following email and sign to local BOH, parks departments & Conservation

Commission to post in the Town's parks and open space areas and included information on installing signage, kiosks and pet waste stations.

www.thinkblueconnecticutriver.org/ms4-communities/

Targeted Audience: Residents

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

Messaging reached 892 people in Stormwater Committee communities with 273 individuals clicking on the "Pledge" button to go to the Pick Up Poop pledge on the Think Blue Connecticut River website.

Analytics for the Think Blue Connecticut River website, indicate that there were another 109 people went to the pet waste landing page on the Think Blue Connecticut River website.

The email and sign went to 20 local Boards of Health, 20 parks and/or recreation departments & 20 Conservation Commissions in the region.

Message Date(s): The social media message ran on Facebook and Instagram for eight days from June 24 to July 1, 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:

To provide additional messaging.

BMP:Pet Waste

Message Description and Distribution Method:

aid placement social media messages on Facebook and Instagram at the start of the summer swimming season targeted people in Connecticut Stormwater Committee zip codes who had identifiers that match "pets at home" and "dog walking."

www.thinkblueconnecticutriver.org/ms4-communities/

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

Messaging reached 892 people in Stormwater Committee communities with 273 individuals clicking on the "Pledge" button to go to the Pick Up Poop pledge on the Think Blue Connecticut River website.

Analytics for the Think Blue Connecticut River website, indicate that there were another 109 people went to the pet waste landing page on the Think Blue Connecticut River website.

Message Date(s): The social media message ran on Facebook and Instagram for eight days from June 24 to July 1, 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:

To provide additional messaging

BMP:Proper Septic System Care

Message Description and Distribution Method:

Recognizing that Boards of Health are the primary point of contact on septic systems for residents, the Stormwater Committee worked this year toward better understanding and enabling them in this role. A survey went out to all Boards of Health, asking several questions, including
• Whether they are in possession of a list of septic system owners in Town from Board of Assessors.
• Whether issuing a direct mail letter to septic system owners makes sense
• When approving septic plans, does the BOH make a practice of providing three-page EPA flyer on septic system care?
• If yes, can BOH track this?
• If no, willing to begin this practice?

Based on the survey responses, Boards of Health received several messaging items for their use including a letter to customize and send to septic owners in their municipality on proper septic maintenance and care, social medial posts as well as an EPA flyers in both English and Spanish were provided for Board of Health use.

www.thinkblueconnecticutriver.org/ms4-communities/

Targeted Audience: Residents

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

The survey and follow-up content went to 20 Boards of Health in the region.
Additionally, analytics for the Think Blue Connecticut River website, indicate that there were another 17 people went to the Septic System landing page on the Think Blue Connecticut River website.

Message Date(s): 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:

To provide additional messaging and as reported previously, the NOI/SWMP indicated septic system messaging would be done in Year 3 only as MS4 permit language in Appendix H was not entirely clear on the timing of this message. EPA has since indicated that septic system messaging must occur each year. The Connecticut River Stormwater Committee adjusted accordingly, starting in Year 2.

BMP:Proper Disposal of Leaf litter

Message Description and Distribution Method:

For Year 7, PVPC worked with the Be a Leaf Hero social media posts developed by the Cape Cod Commission, already customized by PVPC for the Connecticut River Stormwater Committee. Messaging to the residential audience included the following:
• Slides displayed by local cable access television stations
• A flyer for posting on member webpages

Both messaging elements included a "call to action," providing a link to a series of tips and more in-depth content on the Think Blue Connecticut River website. The flyer included a link to locations for proper disposal of leaves and yard waste in each community. See website page at: https://thinkblueconnecticutriver.org/be-a-leaf-hero/. The content seeks to promote better practices with leaf litter and build understanding about potential contamination of stormwater with leaf litter.

Given the election season this fall, however, there was no related social media messaging. In past election seasons, there has been heightened security around social media and the work to get through barriers to post has been extremely time consuming. With the U.S. presidential election this fall, it is anticipated that these issues will only be compounded.

Targeted Audience: Residents

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

The cable access message went to 18 local stations. Analytics for the Think Blue Connecticut River website page on leaf litter, indicate that there were a total of 1,416 views on the website landing page with 3 downloads.

Message Date(s): October 11 - October 29, 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:

To provide additional information

BMP:Proper disposal of leaf litter

Message Description and Distribution Method:

For the business and commercial audience in Year 7, PVPC issued a letter to reach 147 landscaping and lawn care companies in the region with best practices messaging on disposal of leaf letter and leaf. We also included a survey asking questions related to managing and disposing of leaves from lawns and yards. Signed by the Committee Chair and Co-chair, the letter promoted several key best practices:
• Keep leaves off of driveways and roadways where they can easily wash into storm drains and contribute to higher nutrient flows during the fall season.
• Use a mulching mower. By mulching the leaves into turf areas, you avoid having to rake/blow and bag and you offer a way to manage autumn leaves while providing clients with free fertilizer. Mulched leaves recycle nutrients and reduce the overall need for applied fertilizer, which can help to reduce nutrient loading for local

rivers, streams, and lakes.
• Alternatively, if your client has an existing compost pile, you can recommend that they consider allowing you to add leaves to the pile. Leaves provide a critically important element (carbon) to the composting process, making for a more soil enriching product to be used in the next growing season. Be sure compost piles are located away from streams, lakes, or storm drains as these decomposing materials and nutrients could easily reach these water resources.

A survey went out to all 147 landscaping companies in the region asking several questions, including
• Do you ever use a mulching mower to manage leaves on your client's lawns and yards?
• If you have never used a mulching mower, is there anything that would be helpful in enabling you to mulch leaves into the lawn (e.g. help with purchasing equipment, informative brochure for use with your client on the benefits of mulching leaves)?
• Do you ever add leaves to your client's composting pile?
• Do you ever take leaves to a nearby farm or other facility that composts leaves
• Do you ever dispose of leaves in another location?
• If yes, please indicate what other location you use to dispose of leaves at:
• Would you like more information on possible locations where land care professionals can dispose of leaves?
• If yes, please provide your company name and best contact for additional information:
• If you did not answer "yes" in Question 7 and would like to be entered into raffle, please provide your name and contact information here:

www.thinkblueconnecticutriver.org/ms4-communities/

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

Letter and survey were mailed to 147 landscapers in the region with a $100 home depot gift card incentive to participate in survey. Only 2 surveys were completed.

Message Date(s): October 22, 2024 - November 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:

To provide additional messaging

BMP:8. Importance of Soil Test, Proper Use of Fertilizers

Message Description and Distribution Method:

For the Stormwater Committee, PVPC worked with UMass Cooperative Extension to improve outreach content for Think Blue and UMass web pages to simplify the process of soil testing, interpreting results, and then acting on those results. For its part, PVPC revised elements on the Think Blue website related to lawn care including:

• Soil test information, noting that 95% of soil tests showing that already way overblown on nutrients – clear

pattern
• References to good field guide resource(s)
Once these updates were made, PVPC worked with the Stormwater Committee social media consultant on social media campaign with a slightly revised lead message: “Know what your lawn needs.”

www.thinkblueconnecticutriver.org/ms4-communities/

Targeted Audience: Residents

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

Analytics for the Think Blue Connecticut River website page on lawn care, indicate that there were a total of 1,917 views on the website landing page with 4 downloads.

Message Date(s): May 7, 2025 - May 14, 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:9. Importance of Soil Test, Proper Use of Fertilizers

Message Description and Distribution Method:

For the business audience, PVPC had planned to do an op-ed piece in the Business West magazine featuring a local business following best practices, but we were unable to locate a company willing to work with us on a letter to the editor. We made significant outreach efforts with repeated emails and calls to follow up with over ten local businesses but were never returned and we were unsuccessful.

www.thinkblueconnecticutriver.org/ms4-communities/

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

We called/emailed/visited in person over 10 local businesses with large facilities requiring landscaping to interview and also tried to connect with several comercial landscape companies to interview but no one responded.

Message Date(s): 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:

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 Stormwater Management Program is posted 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 sponsors a year round Hazardous Waste Collection program where residents can bring their Hazardous Waste to New England Disposal Technologies in Westfield, MA. The Town covers $50 per household per year. Any remaining balance is the responsibility of the resident. In FY25, a total of 12,297 lbs of hazardous waste were turned in.
-The Town held an Earth day cleanup on April 5th, 2025. 1,250 lbs of trash and 288 gallons of recyclables were collected.
-The Town also applied through the Massachusetts MVP program and was awarded Action Grant funding for the second phase of the Cooley Brook Watershed Improvements project. This project developed 60% permitting-level design for the restoration and rehabilitation of Cooley Brook from its headwaters in Bliss Park through its reach downstream to the Longmeadow Street culvert on the western boundary of Laurel Park. The project is determining appropriate design and green infrastructure solutions through robust community input and participation as the Town seeks to rehabilitate Cooley Brook from erosion and water quality and habitat degradation and reduce localized flooding. As part of this project, 4th graders from Center ,WS, and Blueberry Elementary Schools were brought to Laurel Park to investigate pond health & stormH2O impacts on water quality
-During Permit Year 4, DPW applied for an Asset Management Grant through the SRF Program administered by the Massachusetts Department of Environmental Protection. The Town’s application was successful and work began in Permit Year 5 to gather data for a thorough and representative understanding of the condition and vulnerabilities of the Town’s stormwater system. It helped establish a proactive stormwater system maintenance, repair and replacement program. This project was completed in December 2024.
-The Town received a grant from the Massachusetts Division of Ecological Restoration under the Culvert Replacement Municipal Assistance Grant Program for the West Road culvert replacement project.

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: 0

Number of SSOs removed: 0

MS4 System Mapping

Percent of Phase II map complete: 97

Optional: Provide additional status information regarding your map:

The Town received a MassDEP SRF Asset Management grant to investigate pipe conditions, which was completed in December 2024.

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: 5

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

Percent of outfalls screened: 100

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

The remaining 5% of outfalls were screened in fall 2024.

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: 58

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

Percent of total catchments investigated: 33

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

58 key junction structures were assessed in Year 7. The Town plans to continue catchment investigations in Year 8, as funding allows. The SVF analysis was completed in 2025, identifying 44 outfalls with at least one SVF. The Town plans to pursue wet-weather outfall sampling in Year 8, as funding allows.

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: 0

Number of illicit discharges removed: 0

Estimated volume of sewage removed: 0 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: 0

Total number of illicit discharges removed: 0

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

Employee Training

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

Luis Capellan attended the Illicit Discharge Detection & Elimination (IDDE) training for MS4 permitting on Feb 29,2025

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: 4

Number of inspections completed: 3

Number of enforcement actions taken: 3

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

Site plan reviews:
1. August 2024: NOI #205-345 Anthony Road Riverfront Cons. Area; PID: 225 & 226); Improve access to the Connecticut River & nuisance vegetation removal – Town of Longmeadow
2. November 2024: NOI#205-346 (31 Pondside Road & 275 Emerson Road; PIDs: 110 & 47)
3. April 2025: DEP File #s 205-21, 205-94, 205-114, 205-121, and 205-134; Longmeadow Country Club
4. May 2025: RDAI#2025-06 (Pondside Rd.; no PID; roadway project); Roadway resurfacing for Pondside Road - Town of Longmeadow, DPW

Inspections:
1. October 4, 2024: NOI#205-345 (Anthony Road Riverfront Conservation Area; PID: 225 & 226); Demolish and improve portions of former DPW Facilities & cap landfill – Town of Longmeadow DPW
2. December 5, 2024: NOI#205-346 (31 Pondside Road & 275 Emerson Road; PIDs: 110 & 47)
3. June 2025: Request for Certificate of Compliance: DEP File #205-188; 108 Avondale Road

Enforcements:
1. September 2024: Pondside LLC
2. October 2024: 167 Pendleton Lane, Enforcement Order Satisfied
3. May 2025: 94 Wheelmeadow Road

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: 0

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 updated its Stormwater Rules and Regulations Bylaw in Year 6, following a bylaw review in Year 4.

Green Infrastructure Report

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

The Town updated its Stormwater Rules and Regulations Bylaw in Year 6, following a bylaw review in Year 4.

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):

A total of 18 high-priority municipal sites were identified that could potentially be modified or retrofitted with BMPs (Best Management Practices) designed to reduce the frequency, volume, and pollutant loads of stormwater discharges to and from the Town's MS4 through the reduction of impervious area connected to the

MS4. The Town will continue to maintain and modify this list based on a variety of factors.
High priority sites include:
-Blueberry Hill Elementary School
-Glenbrook Middle School
Williams Middle School
Wolf Swamp Elementary School
Parks and Recreation Department/Greenwood Children Center
Richard Salter Storrs Library
Bliss Street /Williams Road

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.

Glenbrook Middle School and Williams Middle School have approval to be combined into one school, on the Williams School site, which is being reconstructed. The design of the new facility will include stormwater management practices.

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: 339

Number of catch basins cleaned: 339

Total volume or mass of material removed from all catch basins: 70 cubic yards

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

Total number of catch basins: 3,891

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 developed a catch basin cleaning dashboard in 2025, which is intended over time to identify catch basins that may require more frequent cleaning.

Street Sweeping

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

- (•) Number of miles cleaned: 100
- ( ) 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: 8

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

No corrective actions were required. 4 inspections were completed at the old DPW facility at 31 Pondside; 4 inspections were completed at the new DPW facility at 170 Dwight Road.

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:

A weekly volunteer water quality sampling event at Cooley Brook in Laurel and Bliss Parks was coordinated by the Town, Connecticut River Conservancy, and Fuss & O'Neill as part of a water quality monitoring study. Four to five volunteers participated on a rotating schedule throughout the event during the months of June through August.

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.

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:	Sean Van Deusen	Title:	Public Works Director
Signature:		Date:	9/24/25

[Signatory may be a duly authorized representative]