

Year 6 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2023-June 30, 2024

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, 2023 and June 30, 2024 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.

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 H and F 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 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 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:

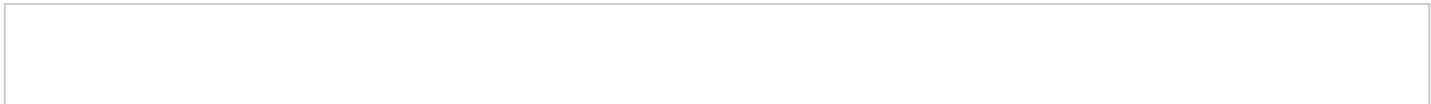
Total estimated nitrogen removed in lbs/year from the installed BMPs: 0

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:

No BMPs were installed. The town initially pursued funding through the MassDEP MS4 Technical Assistance Grant, submitting an application in November 2023. However, due to the delayed award notice, which provided only a 3-month timeframe to utilize the funds, the town withdrew from the application process, recognizing the inability to meet the grant's compressed schedule. The town plans to apply for the Massachusetts Community Compact Grant in Year 7 to support the BMP project at the "Dalton Sewer Department-DPW Garage," as identified in the Dalton Green Infrastructure Inventory. BMP designs estimated Nitrogen removal will be 14.4 lb/yr.

Dalton conducts street sweeping through a contractor once a year at the end of April. The Town budget can not accommodate twice a year sweeping.

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:** 7

*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 for Residents"

Message Description and Distribution Method:

"Think Blue Massachusetts" link for residential pollution prevention on pet waste, yard waste, lawn chemicals/fertilizer reduction, and pool care that was posted on the Town's storm water commission page.

Targeted Audience: Residents

Responsible Department/Parties: Stormwater Management Commission

Measurable Goal(s):

increased awareness and reduced pollution through improved behavior

Message Date(s): 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: "think Blue for Construction"

Message Description and Distribution Method:

"Think Blue Massachusetts for Construction" link for low impact development practices, erosion & sediment control, and site maintenance that was posted on the Town's stormwater commission page.

Targeted Audience: Developers

Responsible Department/Parties: Stormwater Management Commission

Measurable Goal(s):

increased awareness and reduced pollution through improved behavior

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:Think for Blue for Business

Message Description and Distribution Method:

"Think Blue Massachusetts" stormwater resources for businesses that is posted on the Town's stormwater commission page.

Targeted Audience: Businesses

Responsible Department/Parties: Stormwater Management Commission

Measurable Goal(s):

increased awareness and reduced pollution through improved behavior

Message Date(s): 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:"Think Blue for Industrial Facilities"

Message Description and Distribution Method:

"Think Blue Massachusetts" stormwater resources for industrial facilities that is posted on the Town's stormwater commission page.

Targeted Audience: industrial facilities

Responsible Department/Parties: Stormwater Management Commission

Measurable Goal(s):

reduced pollution through industrial practices

Message Date(s): 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:Pick Up Your Pet Waste

Message Description and Distribution Method:

Pick Up your Pet Waste flyers were distributed by the Town Clerk with dog license renewals. A link to the flyer was also made available to the Town's stormwater commission page.

Targeted Audience: residents/dog owners

Responsible Department/Parties: Town Clerk

Measurable Goal(s):

increased awareness

Message Date(s): 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:

This was an additional mechanism to reach residents as they relicense their dog or visit the Town Clerk for other business.

BMP:Do's and Don't Around the Home

Message Description and Distribution Method:

EPA homeowner's guide to healthy habits for clean water provides tips for better vehicle and garage care, lawn and garden techniques home improvements, pet care, and more available as a link on the Town website.
<https://www.hamden.com/DocumentCenter/View/287/Environmental-Protection-Agency—Dos-and-Donts-Around-the-Home-PDF>

Targeted Audience: residents

Responsible Department/Parties: Stormwater Commission

Measurable Goal(s):

increased awareness and education

Message Date(s): 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:

This was an additional mechanism to reach residents.

BMP:Septic Smart Flyer

Message Description and Distribution Method:

Septic education and best practices available as a link on the Town website. https://www.epa.gov/sites/default/files/2017-07/documents/septicsmart_week_flyer_082415_508-v2.pdf

Targeted Audience: residents

Responsible Department/Parties: Stormwater Commission

Measurable Goal(s):

increased awareness and education

Message Date(s): 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:

This was an additional mechanism to reach residents.

BMP:[Message name here]

Message Description and Distribution Method:

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:

MCM2: Public Participation

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

The SWMP is posted on the Town website for public review and comment. Contact information is provided on this site. Open meetings of the Stormwater Commission are held monthly, posted on the Town Calendar and held at the Town Hall.

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 stormwater commission meets regularly and is an open meeting to the public. The SWMP has been made available on the Town website at https://dalton-ma.gov/wp-content/uploads/2022/09/Dalton-Final-2019-SWMP_updated09-15-2022.pdf.

Contact information is available to provide input.

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:

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:

<https://berkshire.maps.arcgis.com/apps/webappviewer/index.html?id=3b70a6d6454a4567b4868d54cbe6e791>

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

Number of outfalls screened: 88

*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:

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:

<https://berkshire.maps.arcgis.com/apps/webappviewer/index.html?id=3b70a6d6454a4567b4868d54cbe6e791>

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

Number of catchment investigations completed this reporting period: 0

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

Percent of total catchments investigated: 0

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

No formal catchment investigations were conducted in the current reporting year. Preliminary assessments were previously performed during Year 3, focusing on the stormwater system, including catch basins and manholes, where physical signs of potential illicit discharges were documented. However, no official testing was completed during this reporting period. We are currently in the process of refining our next steps to address the findings

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: 1

Total number of illicit discharges removed: 1

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

One cross connection was discovered and disconnected in 2019.

Employee Training

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

Due to limited staffing, the DPW was unable to attend formal stormwater-related trainings. However, the DPW director and staff did complete their annual and semi-annual reviews of stormwater infrastructure, including catch basin maintenance and erosion control practices.

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: 0

Number of inspections completed: 0

Number of enforcement actions taken: 0

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

No permits were issued during Year 6.

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

Ordinance or Regulatory Mechanism

Date update was completed (due in year 3): Sept 8, 2022

Website of ordinance or regulatory mechanism: <https://ecode360.com/9537081>

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:

No

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:

No changes have been made to local regulations and guidelines based on the Dalton Green Infrastructure Report. However, a Town Planner was hired in July 2023 to fill a previously vacant position. Moving forward, the Town Planner will review the report's recommendations in conjunction with the Stormwater Commission.

Green Infrastructure Report

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

Progress on making green infrastructure practices allowable has been minimal due to a prolonged vacancy in the town planner position, but with the role now filled as of July 2023, efforts will resume

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):

1. Walker Brook: Senior Center and Former School
2. Dalton Sewer Department- Department of Public Works Garage
3. Riverview Drive
4. Craneville Elementary School
5. Greenridge Park

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.

No BMPs have been installed. The Planning board in conjunction with DPW are currently reviewing funding opportunities for BMP installation sited at "Dalton Sewer Department-DPW Garage"

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: 170

Number of catch basins cleaned: 200

Total volume or mass of material removed from all catch basins: 18 cubic yards

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

Total number of catch basins: 170

If applicable:

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

No catch basins were more than 50% full during two consecutive routine/inspections and cleaning.

Street Sweeping

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

Number of miles cleaned: 38.3

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: 0

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

Site inspections for facilities requiring a SWPPP were not completed this period. Typically, our contractor, BRPC handles these inspections, but due to staffing shortages, they were unable to perform site visits this year. Efforts are being made to ensure inspections in the next reporting period.

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:

Monitoring of Walker Brook, conducted by HVA, revealed elevated bacteria levels. This brook, identified in the required 5 BMP inventory for a potential stream daylighting project, currently has minimal flow and a limited impact on overall water quality. The data gathered from this monitoring confirms the persistence of high bacteria levels over time. While no immediate actions have been taken, this information will be integral to future planning, particularly in relation to the proposed daylighting project. Testing results are attached to the email submission.

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 7

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 7 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree

- Complete investigations of catchments associated with Problem Outfalls
- Complete investigations of catchments where any information gathered on the outfall/interconnection identifies sewer input

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 7 below:

Secure funding for BMP installation.

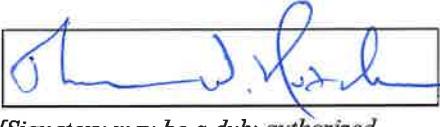


Part V: Certification of Small MS4 Annual Report 2024

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:	Thomas Hutcheson	Title:	Town Manager
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Signature:  Date: 9/19/24

[Signatory may be a duly authorized representative]