

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:

To reduce the use of road salt, drivers of the salt spreaders are trained, however, the equipment cannot be calibrated due to the variation in road sizes.

The Town updates its inventory of vehicles, equipment, and facilities every year.

Due to budgetary and time constraints, town-owned treatment structures are inspected as needed.

Storm system mapping is updated on an as-needed basis and as time and budget allow. Preparation for catchment investigations, including key junction structure identification and system vulnerability factor analysis, has been completed. A catchment investigation plan is currently being developed. Mapping will be updated as-needed as catchment investigations are completed.

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:

The Town distributed pet waste flyers with the 1,037 dog licenses that were issued in Year 6.

The Board of Health distributed septic system maintenance information to owners of septic systems.

The Town used CMRSWC to reach and engage residents of Northbridge via posts on Facebook, Instagram, and X (formerly Twitter). CMRSWC made several Facebook, Instagram and X posts about the public health, environmental, and economic benefits of well-maintained septic systems.

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:

The Town relies on CMRSWC to reach and engage residents of Northbridge via Facebook, Instagram, and posts on X (formerly Twitter). The CMRSWC made posts on X throughout Year 6 encouraging the proper management of pet waste and encouraging the proper use of fertilizer and explaining its downstream impacts. The CMRSWC also made several X and Facebook posts encouraging the proper disposal of leaf litter. The Town also maintains stormwater management education resources on its website, including:

- "Clean Grass and Clear Water" flyer on proper lawn care, including instructions for fertilizer use and disposal of grass clippings (https://www.northbridgema.org/sites/g/files/vyhlf981/f/news/annual_phosphorous_lawn_2_page_flyer_recommendations_1.pdf).
- "Do Your Doody" flyer on proper pet waste management (<https://www.northbridgema.org/departments-public-works-highway-division/news/ms4-stormwater-do-your-doody>).

- "Get Wise About Leaf Litter" flyer about proper disposal of leaf litter (<https://www.northbridgemass.org/departments-of-public-works-highway-division/news/cmrswc-stormwater-leaf-disposal-education-flyer>).

The Phosphorus Source Identification report has been drafted by the Town's consultant.

The Town completed a Source Water Protection Plan under a FY22 MVP Action Grant. The Plan included recommendations for green infrastructure implementation and five sites were selected for conceptual design (Main Street, Border Street, Carpenter Road East, Carpenter Road West, and Hill Street at Sutton Street).

In FY23, the Town of Northbridge was awarded an MVP Action Grant for FY24 to fund flood resilience and improved water quality through structural improvements to the Carpenter Road and Main Street Causeways and incorporation of green infrastructure design. The Town developed 75% design plans for green infrastructure along the Main Street corridor to provide treatment of stormwater runoff entering Whitins Pond, including infiltration best management practices (BMPs) and porous pavement for the shared use path along the street. Additionally, the Town developed 75% design plans for two infiltration basins, which will be constructed during the replacement of the Carpenter Road Causeway, to capture and treat the stormwater runoff that has previously flooded the causeway and divert it to the Carpenter Reservoir. The Town applied for a FY25 MVP Action Grant but not receive funding. The Town plans to apply for funding in future years to complete permitting and construction of the Main Street improvements, including BMPs.

The Town has begun documenting the location of structural BMPs in GIS.

Solids, Oil and Grease (Hydrocarbons), or Metals

Annual Requirements

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

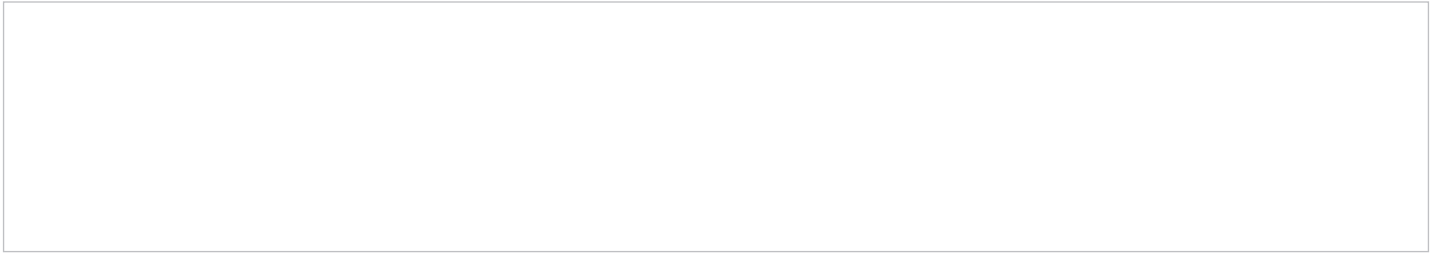
- ☒ Increased street sweeping frequency of all municipal owned streets and parking lots to a schedule that targets areas with potential for high pollutant loads
 - ☒ The street sweeping schedule is attached to the email submission
 - ☐ The street sweeping schedule can be found at the following publicly 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:

The Town is aware of areas that have the potential for high pollutant loads and sweeps these areas more frequently.

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: Resident Message - Stormwater Pollution is Trash, Oil, Cigarette Butts, & Dog Waste

Message Description and Distribution Method:

Social media posts through the Central Massachusetts Regional Stormwater Coalition on Facebook, Instagram, and X.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Social media impression estimates for Northbridge residents.

Number of posts and responses. The CMRSWC X account has 488 followers and averages approximately 3,000 reaches per month. The CMRSWC Facebook account has 102 likes and 144 followers.

Across all platforms a total of 85 posts were made with a total reach of 2,319 from June 2023 to September 2024.

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: Annual Message - Proper Lawn Maintenance

Message Description and Distribution Method:

Central Massachusetts Regional Stormwater Coalition shared posts in Fall 2023 on X encouraging the proper disposal of leaves. Central Massachusetts Regional Stormwater Coalition made X posts in Spring 2024 addressing fertilizer use.

Posted a link to a flyer called "Lawn and Garden Tips to Help Curb Stormwater Pollution" on the Town of Northbridge website along with infographics, informing residents addressing fertilizer, grass clippings, and

leaves:

Click "Stormwater Lawn Care Tips!" on the left side of the page at the following link:

<https://www.northbridgemass.org/department-of-public-works-highway-division>

<https://www.northbridgemass.org/department-of-public-works-highway-division/news/yard-waste-tips-and-tricks-leaf-it-be>

Posted a link to a flyer called "Green Grass and Clear Water" on the Town website, providing residents information about water-friendly lawn care and fertilizer recommendations: <https://www.northbridgemass.org/department-of-public-works-highway-division/news/annual-phosphorous-lawn-flyer>

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: Massachusetts Statewide Municipal Stormwater Coalition, Central Massachu:

Measurable Goal(s):

Number of posts and responses. The CMRSWC X account has 488 followers and averages approximately 3,000 reaches per month. The CMRSWC Facebook account has 102 likes and 144 followers.

Across all platforms a total of 121 posts were made with a total reach of 6,699 from March 2023 to May 2024

Message Date(s): Annually, Fall and spring

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: Annual Leaf Litter Message - Leaf Litter & Brush Collection

Message Description and Distribution Method:

CMRSWC shared posts on Facebook, Instagram, and X in the Fall to encourage the proper disposal of leaf litter and the potential consequences of leaves clogging storm drains.

Posted a link to a flyer called "Lawn and Garden Tips to Help Curb Stormwater Pollution" on the Town of Northbridge website, informing residents addressing fertilizer, grass clippings, and leaves:

<https://www.northbridgemass.org/department-of-public-works-highway-division>

Posted a link to the CMRSWC Leaf Disposal Flyer on the Town Website:

<https://www.northbridgemass.org/department-of-public-works-highway-division/news/cmrswc-stormwater-leaf-disposal-education-flyer>

Targeted Audience: Businesses, institutions and commercial facilities; Residents

Responsible Department/Parties: Massachusetts Statewide Municipal Stormwater Coalition, Central Massachu:

Measurable Goal(s):

Number of posts and responses. The CMRSWC Facebook account has 144 followers and averages approximately 3,000 reaches per month. The CMRSWC X account has 488 followers.

Across all platforms a total of 10 posts were made with a total reach of 1,407 from October 2023 to November

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: Annual Winter Deicing/Salt Message

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:

BMP: Best Development Practices Guidebook

Message Description and Distribution Method:

Targeted Audience: Responsible Department/Parties:

Measurable Goal(s):

Number of inquiries

Message Date(s): Available year-round

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 Flyer

Message Description and Distribution Method:

Post on Town of Northbridge Board of Health Website about Proper Placement of Pet Waste (Noting Existing Ordinances Where Appropriate). Pet waste flyers were also distributed with 1,037 dog licenses in Year 6.

Targeted Audience: Residents

Responsible Department/Parties: CMRSWC, DPW Operations, Engineering, Planning, Conservation Comm.

Measurable Goal(s):

Track number of posts and responses and number of dog licenses issued.

Message Date(s): Available online year-round

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: Annual Septic System Maintenance

Message Description and Distribution Method:

The Central Massachusetts Regional Stormwater coalition shared posts on Facebook, Instagram, and X regarding septic system maintenance activities (bacteria/pathogens) that have the potential to impact the quality of water quality.

Targeted Audience: Businesses, institutions and commercial facilities; Industrial; Residential

Responsible Department/Parties: Central Massachusetts Regional Stormwater Coalition

Measurable Goal(s):

The CMRSWC Facebook account has 144 followers and averages approximately 3,000 reaches per month. The CMRSWC X account has 488 followers.

Across all platforms a total of 38 posts were made with a total reach of 1,218 from July 2023 to September 2024

Message Date(s): Annually in Summer and Fall

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: Carpenter Causeway Public Outreach

Message Description and Distribution Method:

Engaged with the public to gauge support for the Carpenter Causeway MVP project. The project addressed water quality issues and flooding issues/public safety along the causeway. The Town held four public engagement meetings (both virtual and in-person) to gather public feedback on the planned causeway improvements for Main Street and Carpenter Road Causeways. The first public meeting was held virtually on January 31, 2024. The second meeting was held in-person on February 28, 2024, with 26 residents attending. The third public meeting was held virtually and in-person on April 4, 2024, with 30 residents attending. The fourth public meeting was held virtually and in-person on June 12, 2024. The Town also held a school engagement event on February 28, 2024, which included presentations to fifth grade science classes and dissemination of flyers about public meetings.

A website was maintained to post meeting notices and materials and to gather project feedback from residents: <https://experience.arcgis.com/experience/895011b7a72946f69f30a96ac231c334/page/HOME/>

The Town also made posts on the Town website, X, and Facebook, informing residents on upcoming meetings and to gather feedback from residents on concept design plans. The Town also used variable-message signs (light up traffic signs) along various locations in Town to inform residents of upcoming public meetings.

Targeted Audience: Residents

Responsible Department/Parties: Board of Selectmen

Measurable Goal(s):

Number of residents present at public engagement meetings/number of students present

Message Date(s): Winter 2023-Summer 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:

This was a new message related to the Town's MVP grant application. This message was originally included in the Year 5 Annual Report and the public outreach component extended into Year 6.

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 Plan (SWMP) is available on the Town's website for public review, comment, and involvement.

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:**

There were two Earth Day cleanup events (April 2024) during the reporting period (one hosted by the library and one hosted by the Playground and Recreation Committee). The Conservation Committee held a volunteer cleanup event on May 4, 2024. There were also resident-led cleanup events held on a rolling basis throughout the year (including April 6, 2024). The DPW collected and disposed of all trash collected.

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 majority of stormwater manholes, pipes, and catch basins have been mapped. Interconnections and town-owned BMPs still need to be mapped. The Town is under contract with a consultant to update its stormwater mapping in Year 7.

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:

Outfall/interconnection screening has been completed. A final copy of the screening and sampling results were included in the Year 5 submission.

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:

Both a Key Junction Structures and System Vulnerability Factor analyses have been completed. A catchment

investigation plan is currently being developed and will be finalized in Year 7.

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:

Employee Training

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

The DPW Director received IDDE training in 2023. Additional employees will receive formal and informal training as needed in Year 7.

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: 20

Number of inspections completed: 12

Number of enforcement actions taken: 0

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

Ordinance or Regulatory Mechanism

Date update was completed (due in year 3):

Recommendations for regulatory amendments were completed in Year 7.

Website of ordinance or regulatory mechanism:

N/A, Town currently reviewing recommended updates.

As-built Drawings

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

Number of as-built drawings received: 1

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 is currently developing guidelines for Street Design and Parking Lots, which will be completed in Year 7.

Green Infrastructure Report

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

The Town completed a Source Water Protection Plan under a FY22 MVP Action Grant. The Plan included recommendations for green infrastructure implementation and five sites were selected for conceptual design (Main Street, Border Street, Carpenter Road East, Carpenter Road West, and Hill Street at Sutton Street). In FY23, the Town of Northbridge was awarded an MVP Action Grant for FY24 to fund flood resilience and improved water quality through structural improvements to the Carpenter Road and Main Street Causeways and incorporation of green infrastructure design. The Town developed 75% design plans for green infrastructure along the Main Street corridor to provide treatment of stormwater runoff entering Whitins Pond, including infiltration best management practices (BMPs) and porous pavement for the shared use path along the street. Additionally, the Town developed 75% design plans for two infiltration basins, which will be constructed during the replacement of the Carpenter Road Causeway, to capture and treat the stormwater runoff that has previously flooded the causeway and divert it to the Carpenter Reservoir. The Town applied for a FY25 MVP Action Grant but not receive funding. The Town plans to apply for funding in future years to complete permitting and construction of the Main Street improvements, including BMPs.

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):

Under the Town's current Source Water Protection Plan, the five Town-owned properties that have been selected for conceptual design for retrofits are: Main Street, Border Street, Carpenter Road East, Carpenter Road West, and Hill Street at Sutton Street.

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 Town-owned properties were retrofitted during the reporting period. Retrofits will be implemented as funding becomes available.

The Town received a FY24 MVP Action Grant "Flood Resilience and Water Quality Protection Through Better Causeway and Green Infrastructure Design." The project advanced designs (75%) of the community selected alternative for Main Street causeway and Carpenter Road causeway (identified during an FY22 Action Grant). Design includes green infrastructure that will help alleviate flooding at the Causeway and protect water quality in the source water reservoir system, conceptually designed under the Town's previous Action Grant.

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 cleans catch basins located at the bottom of hills more frequently because those often have more sediment. The Town is working on getting a price for a company to inspect all catch basins in Year 7. The Town has been working to get this completed for the past few years but with little support.

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:

☐ 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):

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 study verifying that the pipes and drain lines are adequately sized on Leland Road was completed during Year 6.

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 plans to apply for MVP Action Grant funding for Main Street corridor improvements.

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:

In Year 7, the Town finalized recommendations for regulatory amendments to comply with Minimum Control Measures 4 and 5. The Town is under contract with a consultant to complete stormwater mapping updates, priority ranking of outfalls and interconnections, a catchment investigation plan, the Street Design and Parking Lot Guidelines and LID Barriers Report, written Operations and Maintenance procedures for Parks and Open Space, Buildings and Facilities, and Vehicles and Equipment, and a Stormwater Pollution Prevention Plan for the Department of Public Works Facility in Year 7.

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:

Jame Luhini

Title:

Director of Public Works

Signature:



Date:

10-7-24

[Signatory may be a duly authorized representative]