

**Year 4 Annual Report**  
**Massachusetts Small MS4 General Permit**  
**Reporting Period: July 1, 2021-June 30, 2022**

*\*\*Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form\*\**

*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, 2021 and June 30, 2022 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 (web address):

Date SWMP was Last Updated:

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

## Part II: Self-Assessment

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

**Impairment(s)**

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

**TMDL(s)**

*In State:*       Assabet River Phosphorus       Bacteria and Pathogen       Cape Cod Nitrogen  
 Charles River Watershed Phosphorus       Lake and Pond Phosphorus

*Out of State:*       Bacteria/Pathogens       Metals       Nitrogen       Phosphorus

Clear Impairments and TMDLs

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

### Year 4 Requirements

- Developed a report assessing current street design and parking lot guidelines and other local requirements within the municipality that affect the creation of impervious cover, made it available as part of the SWMP, and:

- No updates were recommended
- Updates were recommended. The anticipated date or date of completion for updates is/was:

June 2026

- Developed a report assessing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist, made it available as part of the SWMP, and:

- No updates were recommended
- Updates were recommended. The anticipated date or date of completion for updates is/was:

June 2026

- Identified a minimum of 5 permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious cover

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

N/A

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 website:

N/A

- Updated system map due in year 2 as necessary
- 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:

N/A

**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
- \* 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:

N/A

## **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)

#### *Nitrogen Source Identification Report*

- Completed the Nitrogen Source Identification Report
- The Nitrogen Source Identification Report is attached to the email submission
  - The Nitrogen Source Identification Report can be found at the following website:

N/A

#### *Potential structural BMPs*

- Any structural BMPs listed in Table 3 of Attachment 1 to Appendix H 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 1 to Appendix H. 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.
- The BMP information is attached to the email submission
  - The BMP information can be found at the following website:

N/A

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

A list of potential structural BMPs was compiled in Year 4. Tracking nitrogen removal of existing structural BMPs is a requirement that is due in PY5 and the Town is planning on meeting that deadline but has not yet completed this work.

## **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)

#### *Phosphorus Source Identification Report*

- Completed the Phosphorus Source Identification Report
  - The Phosphorus Source Identification Report is attached to the email submission
  - The Phosphorus Source Identification Report can be found at the following website:

N/A

#### *Potential structural BMPs*

- 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.

- The BMP information is attached to the email submission
- The BMP information can be found at the following website:

N/A

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

A list of potential structural BMPs was compiled in Year 4. Tracking phosphorus removal of existing structural BMPs is a requirement that is due in PY5 and the Town is planning on meeting that deadline but has not yet completed this work.

*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:

The receiving waters list in the SWMP was updated for improved accuracy, including updates from the most recent EPA approved Section 303(d) Impaired Waters List. Halifax will make similar updates when the next Section 303(d) Impaired Waters List is approved.

East Monponsett Pond (MA62218) has the following new impairments since submission of the NOI: Chlorophyll-a; Phosphorus; Curly-leaf Pondweed, Eurasian Water Milfoil, Fanwort, Harmful Algal Blooms, Mercury in Fish Tissue. This pond's only impairment during the time of the NOI was phosphorus.

West Monponsett Pond (MA62219) has the following impairments since submission of the NOI: Chlorophyll-a; Phosphorus; Eurasian Water Milfoil, Fanwort, Harmful Algal Blooms, Mercury in Fish Tissue, Transparency / Clarity. The only impairment present during the submission of the NOI was phosphorus.

Silver Lake (MA 94143) has the following impairments since submission of the NOI: Dissolved Oxygen/ DO Saturation, fish passage, flow regime modification.

Taunton River (MA62-01) has the following impairments since submission of the NOI: Dissolved Oxygen/ DO Saturation, and E. Coli.

23 new outfalls were mapped since the NOI as updates to the Phase I Map were made.

These changes are reflected in the SWMP, which Halifax updated and confirmed on 6/30/22.

## 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:1.01: Spring Educational Message**

Message Description and Distribution Method:

Halifax distributed educational messages in Spring highlighting proper use and disposal of grass clippings and proper use of slow-release and phosphorus-free fertilizers. Messages were distributed via the popular Halifax Community Facebook groups and the Halifax Board of Health Facebook page.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Measurable goals include reactions, comments, and shares of the educational post. Unfortunately, due to technical difficulties experienced by staff, the Facebook posts were unable to be accessed or checked for interactions after posting, and therefore the date of postings and reactions are unknown. A recent reposting of material in October of 2022 yielded 63 reactions and 3 comments.

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:1.02: Summer Educational Message**

Message Description and Distribution Method:

Halifax distributed educational messages during the summer highlighting proper management of pet wastes. Messages were distributed via the popular Halifax Community Facebook groups and the Halifax Board of Health Facebook page.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Measurable goals include reactions, comments, and shares of the educational post. Unfortunately, due to

technical difficulties experienced by staff, the Facebook posts were unable to be accessed or checked for interactions after posting, and therefore the date of postings and reactions are unknown. A recent reposting of material in October of 2022 yielded 53 reactions and 3 comments.

Message Date(s): Summer 2021, Summer 2022

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:1.03: Fall Educational Message**

Message Description and Distribution Method:

Halifax distributed educational messages in the Fall highlighting proper disposal of leaf litter. Messages were distributed via the popular Halifax Community Facebook groups and the Halifax Board of Health Facebook page.

Targeted Audience: Residents; businesses, institutions, and commercial facilities

Responsible Department/Parties: Board of Health

Measurable Goal(s):

Measurable goals include reactions, comments, and shares of the educational post. Unfortunately, due to technical difficulties experienced by staff, the Facebook posts were unable to be accessed or checked for interactions after posting, and therefore the date of postings and reactions are unknown. A recent reposting of material in October of 2022 yielded 90 reactions and 5 comments.

Message Date(s): Fall 2021

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:1.06: Developer (Construction) Educational Messages**

Message Description and Distribution Method:

The Planning Board distributed the "Stop Erosion in its Tracks to Keep Our Waters Clean" to developers applying for approvals by the Board.

Targeted Audience: Developers (construction)

Responsible Department/Parties: Planning Board

Measurable Goal(s):

The Planning Board did not keep track of messages distributed. The Town will ensure that the number of messages distributed is tracked in Permit Year 5.

Message Date(s): July 2021 - June 2022

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:

Developer (construction) message was separated from Industrial facility message, as its own message type and assigned to the Board of Health and Planning Board after the NOI.

### **BMP:1.07: Septic System Owners Educational Message**

Message Description and Distribution Method:

Halifax distributed educational messages about septic systems. The Town handed out a printed version of the message to homeowners and realtors when requesting property information, getting an inspection from the Town, or applying for or closing out a permit.

Targeted Audience: Residents

Responsible Department/Parties: Board of Health

Measurable Goal(s):

82 flyers were handed out.

Message Date(s): throughout Permit Year 4

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 was not included in NOI because of confusion over permit requirements. Halifax has since clarified and included the septic tank messages.

### **BMP:1.08: Dog Owner Education**

Message Description and Distribution Method:

All dogs must be licensed by June 1st in Halifax. The Halifax Town Clerk distributed the "Do Your Doody" fact sheet about pet waste management to dog owners seeking or renewing dog licenses., and dog owners at a Town rabies clinic.

Targeted Audience: Residents

Responsible Department/Parties: Board of Health

Measurable Goal(s):

All dogs must be licensed by June 1st in Halifax. The Halifax Town Clerk distributed a fact sheet about pet waste management to 35 dog owners seeking or renewing dog licenses. Also, 70 additional fact sheets were handed out to dog owners at a Town rabies clinic.

Message Date(s): Licenses: From July 2021 to June 1, 2022. Rabies clinic: 5/21/22

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 was not included in the NOI because the Taunton River segment in Halifax (MA62-01) is newly impaired for bacteria (E. Coli) since the NOI. Halifax added this requirements in permit year 3, as reflected in the SWMP. According to the latest MA Section 303(d) Impaired Waters List, "Impairment [was] added based on new data/assessment."

**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:

**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:  
[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:**

Halifax posted its updated SWMP on the Highway Department stormwater web page of the Town website: [https://www.halifax-ma.org/sites/g/files/vyhlf4496/f/uploads/swmp\\_halifax-fy22\\_final\\_003.pdf](https://www.halifax-ma.org/sites/g/files/vyhlf4496/f/uploads/swmp_halifax-fy22_final_003.pdf)

The SWMP includes contact information for the public to provide comments to the Stormwater Management Program Team (page 4). No comments were received on the SWMP.

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:**

-Halifax continues to coordinate with the Monponsett Watershed Association on information sharing (BMP 2.05.);  
-Halifax posted Monponsett Pond's water quality information on Board of Health Facebook page and web page (BMP 2.02);  
-Halifax held its annual Fall Town Cleanup Day on 10/23/2021, collecting ~6 yards of trash.  
-Halifax held its annual Spring Town Cleanup Day on 5/21/2022, collecting ~5 yards of trash.  
-Halifax held a Hazardous Waste Day on 10/20/2021. 61 people participated.

## 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**

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

Halifax completed the Phase I map by 6/30/20 based on available information and continues to update the Phase I map, as new information is identified and/or new infrastructure is installed. Halifax will update its stormwater mapping by July 1, 2028 to include the remaining following Phase II information.

### **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 outfall screening data is attached to the email submission
- The outfall screening data can be found at the following website:

<https://vhb.maps.arcgis.com/apps/webappviewer/index.html?id=c1dfedc2a65545c98761d0ca7b70b30f>

Updated inventory and ranking of outfalls can be found in Table 5-1 (in IDDE Plan):

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:

18 total outfalls require screening in Permit Year 5. These outfalls were either newly mapped in Permit Year 4, or were unable to be located at the time of dry-weather 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 website:

<https://vhb.maps.arcgis.com/apps/webappviewer/index.html?id=c1dfedc2a65545c98761d0ca7b70b30f>

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:

An additional 17 were investigated but require follow up investigation.

### **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 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**:

An hour-long IDDE training was held on May 18, 2022 for six Halifax Highway Department employees. The training covered stormwater and MS4 basics, stormwater regulatory background, Halifax IDDE Bylaw, identifying and recognizing illicit discharges and SSOs, and how to respond and report, using Halifax app. The Halifax staff met in the Halifax Town Hall, and the training was given with a PowerPoint presentation and Q+A and discussion.

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

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

Number of site plan reviews completed:

Number of inspections completed:

Number of enforcement actions taken:

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

N/A

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

#### **Ordinance or Regulatory Mechanism**

Date update was completed (due in year 3):

#### **As-built Drawings**

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

Number of as-built drawings received:

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

N/A

## **Retrofit Properties Inventory**

Below, list the permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (at least 5):

Ten potential retrofit properties/projects are listed below, but a memo dated June 21, 2022 from GHD to the Town of Halifax is attached to this email submission and contains more information on each property.

1. Outfall OW-16: between 608 Monponsett Street and 610 Monponsett Street
2. Outfall OW-09: the intersection of Richview Avenue and Eleventh Avenue
3. Outfall OW-19: Ocean Avenue at the border of the Town of Halifax and the Town of Hanson
4. Outfall OWR-12: Thompson Street
5. Outfall OE-33: Richmond Park off of Plymouth Street
6. Outfall OWR-53: by the Halifax Elementary School on Plymouth Street
7. Intersection of Holmes Street and Garden Road
8. Outfall OSL-02: Brandeis Circle
9. Outfall OSL-07: intersection of Oak Street and Aldana Road
10. Intersection of Old Plymouth Street and Plymouth Street

## **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:

Not applicable. No catch basin sumps were found to be more than 50% full during two consecutive routine inspections/cleaning events. Halifax cleaned and inspected additional catch basins beyond the 1,021 in the MS4 system.

### **Street Sweeping**

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

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

### **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:

N/A. No corrective actions were required.

### **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 website(s):

<https://www.halifax-ma.org/board-health/pages/monponsett-beaches>  
<https://www.facebook.com/HalifaxBOH/>

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:

The Halifax Board of Health posts DEP water quality results for Monponsett Ponds and other Town beach monitoring on its Facebook page and Town website (BMP 2.02). See above.

#### **Additional Information**

*Optional:* 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 1.04: Residential and Commercial Educational Messages were not shared with the public during Permit Year 4 due to an oversight of Town staff. The Town will ensure that the 1.04: Residential and Commercial Educational Messages are posted two times during Permit Year 5.

### **COVID-19 Impacts**

*Optional:* If any of the above year 4 requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

During Permit Year 4, Halifax lost two Town Administrators. Gaps in leadership led to a delay in MS4 Year 4 activities, including the submission of the Year 4 Annual Report. The Town is actively searching for a permanent Town Administrator and will strive to limit the impact this transition may have on the MS4 Program in Permit Year 5.

### **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 5 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 5 below:

During Permit Year 5, Halifax will work on the permitting level design of its BMP retrofit project, as part of MCM 5.

## Part V: Certification of Small MS4 Annual Report 2021

### 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:  Title:

Signature:  Date:

*[Signatory may be a duly authorized representative]*