

Year 3 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2020-June 30, 2021

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, 2020 and June 30, 2021 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 3 Requirements

- ☒ Inspected and screened all outfalls/interconnections (excluding Problem and Excluded outfalls)
☐ Updated outfall/interconnection priority ranking based on the information collected during the dry weather inspections as necessary
☒ Post-construction bylaw, ordinance, or other regulatory mechanism was updated and adopted consistent with permit requirements

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above year 3 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:

1. The DPW is in the process of updating the priority ranking based on the information collected during dry weather inspections, which were completed in the spring of 2021.

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:

- ☒ Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- ☒ Provided training to employees involved in IDDE program within the reporting period
- ☒ All curbed roadways were swept at least once within the reporting period
- ☒ Updated system map due in year 2 as necessary
- ☒ 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, provide any additional information, and/or if any of the above annual 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:

1. The town prioritized creating a SWPPP for the new DPW Complex; and therefore, the O&M program update is incomplete.
2. The O&M maintenance procedures for all permittee owned facilities will be addressed in the upcoming year.
3. The DPW is developing a MS4 infrastructure maintenance program.
4. The DPW began locating, mapping, and inspecting the treatment structures in town; however, the task is incomplete at this time.

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:

1. The DPW partnered with the Town Clerks office and the dog licensing portal provider so we will have messaging disseminated to dog owners at the time of issuance and/or renewal of dog licenses during Year 4. The DPW is waiting for new educational signs to be posted in the town's dog park as well.
2. The DPW will partner with the BOH to distribute information about septic system maintenance.

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)

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:

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:

During Year 3 the DPW reviewed past plans to identify existing stormwater structures. The known BMPs have been mapped. BMPs have been entered into the BATT tool; however, the Town cannot claim phosphorus removal credit because they have not been maintained. Furthermore, the DPW is still trying to determine the impervious/pervious ratios and land use for each BMP drainage area. Many of the stormwater structures identified in past plans do not include the details needed to complete the BATT tool calculations, so additional investigations are required. In order to gauge what the town currently has for BMPs (and their phosphorus reduction credits when they are regularly maintained), the DPW entered the BMPs into the BATT tool using a few assumptions including: each BMP has been maintained, each drainage area is 50%

impervious and 50% pervious, all infiltration basins infiltrate at 1.02inches/hour, anything labeled as a "retention" structure in a plan was deemed a "bioretention" structure, anything labeled as "infiltration" structure in a plan was deemed an "infiltration basin" and anything labeled "detention" was deemed an "extended dry detention basin." However, as the DPW continues to investigate these structures, we will update the BATT tool with corrected information.

Charles River Watershed Phosphorus TMDL

☐ Completed the funding source assessment

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:

During Year 3, we worked to identify and map our existing BMPs and calculate the phosphorus removal using the BATT tool. We are currently working on cost estimates to maintain what we have and are examining the costs of adding new BMPs throughout town in order to meet the Charles River TMDL requirements.

Optional: Use the box below to provide any additional information you would like to share as part of your self-assessment:

The DPW will be using the Phosphorus Control Plan template created by the Charles River Watershed Association and Kleinfelder.

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 DPW updated the outfall inventory. We corrected information that was misidentified in the field (i.e. culverts recorded as outfalls) and also found more outfalls while doing inspections. There are now 487 outfalls.

The updated List of Impaired Waters changed Chicken Brook (segment 72-34) from a Category 2 water to a Category 5 water with E.coli as the listed impairment. Hopping Brook (segment 72-35) was also changed from a Category 2 water to a Category 5 water with E.coli as the listed impairment. This change was incorporated during Year 2.

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:Leaf Litter Management

Message Description and Distribution Method:

Message distributed on the Town's Facebook page "Help protect our waterways by keeping yards, driveways, and sidewalks clear of leaves and debris. 60% of the annual phosphorus yield comes from leaf litter in the fall." The post included a link to the Think Blue Massachusetts education campaign as well.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

1,347 people reached, 74 engagements, 5 likes, 1 comment, and 2 shares.

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:

We wanted to focus specifically on leave litter management as it relates to phosphorus loading as opposed to landscape management in general. By using the Town's social media accounts, we are able to reach a large audience and the message can easily be shared among residents and groups.

BMP:Stormwater 101

Message Description and Distribution Method:

Using the Town's social media account, we were able to send general awareness messaging to the public. The intent is to familiarize the public with stormwater and how it relates to the places we like to swim, fish, boat etc.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

1,078 people reached, 23 engagements, 5 likes, 1 comment, and 2 shares.

Message Date(s): April 9, 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:

General stormwater and MS4 education is planned to take place during community events so there can be a dialogue. However, the community events were canceled again this year due to the pandemic.

BMP: Landscape Management and Nutrient Education

Message Description and Distribution Method:

Social media post stated the following, "You can help conserve water and improve the Charles River water quality right in your own backyard! Did you know a lawn only needs 1 inch of water per week to stay green? Please remember a water ban in effect starting on May 1 (use a rain barrel to collect FREE stormwater). Also, apply fertilizers only as needed (especially phosphorus-based fertilizers.) Excess phosphorus is a significant issue in our Charles River Watershed. It causes algae blooms which removes oxygen from the water, killing fish and other wildlife. It can even be toxic to humans. The EPA issued a phosphorus removal requirement for the 36 towns in the watershed, and Medway is charged with removing 882 pounds per year! From a perspective, we are currently able to remove approximately 150 pounds per year. Do your part by applying only what you need, get your soils tested, and clean up fertilizers that spill on driveways and walkways." A link to the Think Blue Massachusetts campaign was included in the post as well.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

1,910 people reached, 100 engagements, 18 likes, 2 comments, and 3 shares.

Message Date(s): April 15, 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:

Although the messaging is similar to what was proposed in the NOI, we have since learned more about the nutrient removal requirements, and therefore, the Town wanted to align this important messaging as part of a larger Earth Month education campaign. Also, we wanted to show how proper lawn maintenance covers a variety of issues including water conservation and water quality.

BMP: Businesses Best Management Practices

Message Description and Distribution Method:

Using the Town's social media platform, we posted the following, "The Medway DPW would like to remind business owners that they play an important role in keeping our waterways clean and healthy! Follow these tips to reduce polluted runoff, prevent flooding, and make a good impression with your customers." We included a link to the Think Blue Massachusetts site as well as an image demonstrating what to do and what not to do.

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

1,154 people reached, 19 engagements, and 3 likes.

Message Date(s): June 10, 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:

The message doesn't differ from what was proposed in the NOI; however, in Year 4 we will send out brochures to all businesses in Town with a more targeted outreach effort.

BMP:Pet Waste Management

Message Description and Distribution Method:

Messages posted on Town's social media account, "Did you know there are over 1500 licensed dogs in Medway? Each of these dogs produces about ¾ pound of solid waste and over 7 billion bacteria daily. Bacteria and other parasites found in pet waste, such as Giardia and Cryptosporidium, can survive for long periods when left on the ground. During a rainstorm, these pollutants can be washed into local rivers and ponds! So scoop the poop...it's the right thing to do!" A link to the Think Blue Massachusetts page was also included in the post.

Targeted Audience: Residents

Responsible Department/Parties: DPW Operations

Measurable Goal(s):

13,743 people reached, 1,067 engagements, 71 likes, 2 comments, and 15 shares.

Message Date(s): June 14, 2021. June 21, 2021. June 28, 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:

The message did not change but the distribution method did. This was our most successful outreach messaging of the reporting year.

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:**

On the Town's Stormwater Management web page, there is a link for the public to leave comments on the Stormwater Management Program. They may also report a violation if they see it. This opportunity is available for residents 24/7.

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:**

During this reporting period, the Town participated in the Charles River Watershed Flood Model project. There were several opportunities for the public to comment on how stormwater is managed within the Town. Also, the Town is currently updating its Master Plan, and there have been numerous opportunities for residents to comment stormwater management in Town.

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:

The DPW completed its stormwater mapping requirement during Year 3. All interconnections are mapped,

catchment area delineations for all outfalls and catch basin is complete and mapped, and all known BMPs have been mapped. During this process, we corrected any errors in our culvert, manhole, catch basin, outfall and drain pipe classifications.

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:

*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:

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:

*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:

All of the outfalls have been inspected. When there was flow present the DPW took a sample and tested for chlorine, ammonia, conductivity, salinity, pH, temperature, detergent, total phosphorus and E.coli. Phosphorus and E.coli samples were assessed a laboratory and based upon the results, we would determine if a catchment

area investigation was needed. If the results were within the allowable limit as defined by the Massachusetts Surface Water Quality Standards, then DPW did not conduct an investigation, if they exceeded the limits we looked at plans, septic pump out records, sewer connections, land use etc to try and identify a cause and or a source. We conducted additional sampling and used a camera to rule out cross connections. Catchment area investigations for results that detected detergent are planned for Year 4.

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:

Explanations are included in the IDDE report and included in the catchment area discussion above.

Employee Training

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

The DPW field staff who implement the IDDE program watched the "Illicit Discharge Detection & Elimination (IDDE) (Module 1): MS4 Permit Compliance Workshop" video as a refresher. They also watched "Finding & Fixing Hidden Sources of Water Pollution: Illicit Discharge Detection & Elimination" video. They also watched information videos on cyanobacteria. The DPW staff was trained on the SWPPP on June 29, 2021.

MCM4: Construction Site Stormwater Runoff Control

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

Number of site plan reviews completed:

Number of inspections completed:

Number of enforcement actions taken:

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

MCM5: Post-Construction Stormwater Management in New Development and Redevelopment**As-built Drawings**

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

Number of as-built drawings received:

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

No projects have been completed during this reporting year.

Street Design and Parking Lots Report

Describe the status of the street design and parking lots assessment due in year 4 of the permit term, including any planned or completed changes to local regulations and guidelines:

DPW Compliance Coordinator is beginning the review process.

Green Infrastructure Report

Describe the status of the green infrastructure report due in year 4 of the permit term, including the findings and progress towards making the practice allowable:

DPW compliance coordinator is beginning the review process.

Retrofit Properties Inventory

Describe the status of the inventory, due in year 4 of the permit term, of permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas and report on any properties that have been modified or retrofitted:

This item is completed. The Town secured funding to design BMPs at two of the locations identified in the plan.

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: 2,140

Number of catch basins cleaned: 2,140

Total volume or mass of material removed from all catch basins: 153 tons

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

Total number of catch basins: 2,598

If applicable:

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

Street Sweeping

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

☒ Number of miles cleaned: 177

☐ 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: 2

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

N/A

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):

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:

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:

COVID-19 Impacts

Optional: If any of the above year 3 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:

Impacts from COVID-19 are listed above in their corresponding sections.

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

Yes, I agree ☒

- Develop a report assessing current street design and parking lot guidelines and other local requirements within the municipality that affect the creation of impervious cover
- Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist
- Identify a minimum of 5 permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas

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)

Provide any additional details on activities planned for permit year 4 below:

1. Green Infrastructure Report
2. Street and Parking Lot Report
3. Continue to develop the Phosphorus Control Plan using the CRWA template.
4. Education targeted towards Businesses, Developers, and Industries.
5. Septic system maintenance information distributed to septic owners. (Efforts began in September 2021).
6. Pet waste information distributed at time of license issuance or renewal. (Feature enabled in August 2021 and will also show at time of license renewal.)
7. BMP maintenance assessment, cost analysis, and maintenance action plan for town owned structures.
8. Outreach about phosphorus and nutrients in the Charles River.
9. Combine multiple educational initiatives including stormwater management, water conservation, green infrastructure and climate change.
10. Update outfall/interconnection priority ranking based on the information collected during the dry weather inspections.
11. Update O&M procedures for permittee owned facilities.
12. Follow-up IDDE inspections and stormwater sampling.
13. Finalize the MS4CD Permit.

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]*