

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:

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:

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:

The SepticSmart flyer developed by EPA which was mailed out to properties in Dedham known to have septic systems in Permit Year 2, was not mailed to any properties during Permit Year 3. However, the flyer was maintained on the Town's website in both English and Spanish to be accessible to as many people as possible.

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:

The estimated phosphorus removal associated with existing structural BMPs has been calculated for some developments in Town. However, the Town is still working to refine this information and expand this analysis. As the Town moves forward in developing their Phosphorus Control Plan, the Town will track and estimate the phosphorus removed by each BMP including reporting the BMP type, total area treated, design storage volume, and the estimated phosphorus removed in mass per year.

Through their partnership with the Neponset River Watershed Association, the Town was able to calculate estimated phosphorus loadings for each of the Town's drainage catchments. A template for the Phosphorus Source Identification Report was also developed by the Neponset River Watershed Association. This information will be used when finalizing the Phosphorus Source Identification Report for Mother Brook during Permit Year 4.

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
- 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 has been collecting data during annual catch basin cleaning that will be utilized to develop a catch basin cleaning optimization plan. This plan will be developed and implemented once sufficient data has been collected. The plan will include provisions to prioritize areas that discharge to water bodies impaired for solids, oil, grease, or metals.

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:

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

Through their partnership with the Neponset River Watershed Association, the Town was able to calculate phosphorus loadings for each of the Town's drainage catchments. The phosphorus loadings from this analysis that are applicable to the Charles River watershed will be used when developing Phase 1 of the required Phosphorus Control Plan in Permit Year 5.

There are no known locations where SSOs have discharged to the MS4 during the reporting period or in the 5 years prior to the start of the reporting period.

The Town performed training on Illicit Discharge Detection and Elimination (IDDE) and Good Housekeeping and Pollution Prevention in June 2021. Due to the COVID-9 pandemic, a formal, in-person training was not permissible, so PowerPoint Presentations were distributed to staff, and staff had to send confirmation to the Director of Engineering verifying that they completed the required training.

The Town was proactive in drafting the regulatory updates required under MCM5 during Permit Year 2, however the onset of COVID-19 and the change to a virtual public meeting format delayed the adoption of those regulatory updates until Permit Year 3. Dedham's Stormwater Management Rules and Regulations were officially updated to meet permit requirements at a Conservation Commission meeting held on August 8, 2020.

The Town inspected all 78 municipally owned stormwater treatment structures during the reporting period.

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 list of outfalls/interconnections and their receiving waters was updated during Permit Year 3 as part of the completed dry-weather outfall screening and sampling. The updated list of receiving waters and outfalls is included in Section 1 of the Town's SWMP.

The following changes have been made to the Town's list of impaired waters since the permit effective date: Charles River has added harmful algal blooms as an impairment and Mother Brook has added debris, dewatering, and trash as impairments. None of these impairments trigger additional sampling requirements.

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:Dog Waste Flyers

Message Description and Distribution Method:

The Town distributed a flyer entitled "There's no such thing as the poop fairy" with dog license issuances and renewals during Permit Year 3. These flyers were distributed both in-person and via mail after the onset of COVID-19.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

The Town distributed 1,400 dog waste flyers with dog license issuances and renewals during the reporting period.

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:Leaf Litter Messaging

Message Description and Distribution Method:

The Town posted information provided by the Nepsoset River Watershed Partnership regarding proper disposal of leaf litter to the home page of its website during the Fall of 2020. The leaf litter slider also served as a link to the Town's stormwater webpage, where more educational information is posted. As part of the fall campaign, the Town also shared the information to the "Dedham DPW" Facebook and "Town of Dedham Engineering Dept" Twitter pages.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

By posting the leaf litter slide to the home page of the Town's website, Dedham ensured that it would be accessible to as many residents as possible. Additionally, the post on the Dedham DPW Facebook page reached the accounts 1,861 followers, and the post on the Engineering Department's Twitter page reached the accounts of 125 followers.

Message Date(s): November 2020

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: Septic System Messaging

Message Description and Distribution Method:

The Town posted a SepticSmart flyer developed by EPA and a SepticSmart homeowners guide to its website in the winter of 2020. The flyer was posted in both English and Spanish.

Targeted Audience: Residents

Responsible Department/Parties: Health Department, Engineering Department

Measurable Goal(s):

By posting the septic system flyer to the home page of the Town s website, Dedham ensured that it would be accessible to as many residents as possible.

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: Regional Outreach Mailer

Message Description and Distribution Method:

The Neponset River Watershed Association distributed an informational flyer directly to Dedham residents in June of 2021. The flyer covered rain barrels, dog waste management, fertilizer use, and other topics related to stormwater management.

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Informational flyer was distributed to all residents.

Message Date(s): June 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: Fertilizer Messaging

Message Description and Distribution Method:

The Town shared the "Fertilizer Calculator" developed by the Neponset Stormwater Partnership to Dedham DPW Facebook and Twitter pages, and the Engineering Department Twitter page. These posts were part of a spring campaign to minimize phosphorus use and encourage the use of low phosphorus or phosphorus-free fertilizer.

Targeted Audience: Residents

Responsible Department/Parties: Engineering Department, DPW

Measurable Goal(s):

The post was sent out through the Dedham DPW Facebook and Twitter pages and reached the accounts of 1,861 followers and 107 followers respectively, and the Engineering Department's Twitter page reached the accounts of 125 followers.

Message Date(s): Spring 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: Yard Waste Flyer

Message Description and Distribution Method:

A flyer regarding best management practices for yard waste was developed and sent out to all the public schools in Dedham.

Targeted Audience: Residents

Responsible Department/Parties: Engineering Department, School Department

Measurable Goal(s):

By posting the yard flyer to the home page of the Town's website as well as handing it out to students, Dedham ensured that it would be accessible to as many residents as possible.

Message Date(s): Fall 2020

Message Completed for: Appendix F Requirements Appendix H Requirements

Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

Add an Educational Message

MCM2: Public Participation

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

The Town posted the updated SWMP, dated June 2021, to its website at the end of Permit Year 3. The SWMP was made available for public comment. However, no comments were received. A final version of the updated SWMP has since been posted to the Town's website at the link included on the first page of this report.

Was this opportunity different than what was proposed in your NOI? Yes No

Describe any other public involvement or participation opportunities conducted **during this reporting period:**

The Board of Health held its annual Household Hazardous Waste Collection Day on October 3, 2020, providing the opportunity for residents to properly dispose of hazardous materials such as paints, pesticides, vehicle fluids, batteries, flammable materials, and other substances that may have otherwise been discharged into the MS4. While only one official collection day is held annually, DPW staff collect and properly dispose of hazardous materials year-round as needed.

In addition to providing bi-weekly curbside recycling pickup, the Town held a recycling collection event on April 24, 2021, to collect items that are not accepted during curbside pickup, but are still recyclable. Dedham Arts also held an electronic/metals recycling event on October 24, 2020 for items not accepted during curbside pickup, but are still recyclable.

Rain barrels were made available for purchase to residents from the Dedham-Westwood Water District and composting bins were made available for purchase through the Town's Manager's office.

The Town continued its Citizens Water Monitoring Network, an initiative organized through the Neponset River Watershed Association, during the reporting period. Resident volunteers collected monthly samples at

the Mother Brook at Washington Street station, testing for E.coli, total phosphorus, pH, dissolved oxygen, temperature, ortho-phosphate, total nitrogen, and ammonia.

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:

During the reporting period, the Town was able to refine their outfall and interconnection inventory during dry weather screening. Updates to the Town's MS4 system mapping were completed to include these changes. The most recent version of the MS4 map is included with the SWMP and available at the following location: <https://dedham.maps.arcgis.com/home/index.html>.

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:

Due to the impacts of COVID-19, the Town of Dedham had to institute a hiring freeze during 2020 which prevented the Engineering Department from hiring their summer intern who was going to focus on performing dry weather outfall inspections for the 184 Town-owned outfalls/interconnections. Dry weather screening did not begin until the spring of 2021. Although all outfalls/interconnections were initially screened during the

reporting period, due to the variability of the weather, dry weather samples were not collected until July 2021.

Wet weather outfall sampling was completed for 20 outfalls during the reporting period. All the outfalls sampled during wet weather discharge to Mother Brook and data collected will be used for development of the Phosphorus Source Identification Report for Mother Brook in Permit Year 4.

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:

The Town investigated 22 catchments during Permit Year 3, however there were only 10 catchments where both catchment investigations and wet weather outfall sampling were completed. Catchment investigation data attached to this report includes all the investigations completed during the reporting period. There are 180 outfalls in Dedham that have at least one SVF, therefore wet weather sampling must be conducted for catchment investigations to be considered complete.

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:**

Individual employee training was conducted in June of the reporting period. Training could not be conducted in a formal group setting due to COVID-19, so instead PowerPoint presentations were sent to staff and the staff had to send an email confirmation to the Director of Engineering that they had completed the training. The Town will continue annual employee training for the duration of the permit term.

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:

The above quantities for site plan reviews, inspections, and enforcement actions taken pertain to sites with 1 acre or more of disturbance.

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:

The number of as-builts received is for all projects, even those where there was less than an acre of disturbance.

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:

The Town is working to develop the street design and parking lots assessment. This assessment will be complete within four years of the permit effective date, or by June 30, 2022.

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:

The Town is working to develop the green infrastructure report. The report will be complete within four year of the permit effective date, or by June 30, 2022.

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:

The Town has compiled an inventory of municipally-owned properties and is working to identify which of these properties could be modified or retrofitted with BMPs to mitigate impacts to the MS4. This retrofit inventory will be complete within four years of the permit effective date, or by June 30, 2022.

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:

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: [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:

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

Inspections were conducted for the DPW Facility during three of the four quarters for the reporting period, with one inspection conducted during wet weather. No corrective actions were taken at this facility. However, the Town is in the process of designing some DPW facility improvements based on recommendations included in the 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 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:

The Neponset River Watershed Association has been collecting water quality data in Dedham and throughout the Neponset River watershed since 1996. Samples are collected by volunteers through the Community Water Monitoring Network and by the Neponset River Watershed Association staff. The data is used to track the health of the Neponset River and its tributaries, and to locate pollution sources for follow-up sampling. There is one permanent monitoring station in Dedham located on Mother Brook. The station is tested for E.coli, total phosphorus, pH, dissolved oxygen, and temperature once per month between May and October. Recommendations related to phosphorus and e.coli levels were identified in the 2020 Water Quality Report. The Town will utilize this data during future MS4 compliance initiatives and when developing the Phosphorus Source Identification Report for Mother Brook in Permit Year 4.

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:

Due to the impacts of COVID-19, the Town of Dedham had to institute a hiring freeze during 2020 which prevented the Engineering Department from hiring their summer intern who was going to perform dry weather outfall inspections for the 184 Town-owned outfalls/interconnections. Although all the outfalls/interconnections were initially screened during the reporting period, dry weather samples were not collected until July 2021.

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:

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]

**Jason
Mammone**

Digitally signed by Jason Mammone
DN: cn=Jason Mammone, o=Town of Dedham, ou=Engineering Department, email=jmammone@dedham-ma.gov, c=US
Date: 2021.09.23 08:41:09 -04'00'