

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

Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure any websites included on this form are to publicly accessible sites

Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2023 and June 30, 2024 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization:

EPA NPDES Permit Number:

Primary MS4 Program Manager Contact Information

Name: Title:

Street Address Line 1:

Street Address Line 2:

City: State: Zip Code:

Email: Phone Number:

Stormwater Management Program (SWMP) Information

SWMP Location (publicly available web address):

Date SWMP was Last Updated:

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

Part II: Self-Assessment

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

Impairment(s)

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

TMDL(s)

In State:

Assabet River Phosphorus Bacteria and Pathogen Cape Cod Nitrogen
 Charles River Watershed Phosphorus Lake and Pond Phosphorus

Out of State:

Bacteria/Pathogens Metals Nitrogen Phosphorus

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

Annual Requirements

- Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements
- Kept records relating to the permit available for 5 years and made available to the public
- The SSO inventory has been updated, including the status of mitigation and corrective measures implemented
 - This is not applicable because we do not have sanitary sewer
 - This is not applicable because we did not find any new SSOs
 - The updated SSO inventory is attached to the email submission
 - The updated SSO inventory can be found at the following publicly available website:

- Updated system map due in year 10 with information from completed catchment investigations
- Provided training to employees involved in IDDE program within the reporting period
- Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- All curbed roadways were swept at least once within the reporting period
- Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities

- Updated inventory of all permittee owned facilities as necessary
- O&M programs for all permittee owned facilities have been completed and updated as necessary
- Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Inspected all permittee owned treatment structures (excluding catch basins)

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

Bacteria/ Pathogens (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

Annual Requirements

*Public Education and Outreach**

- Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Permittee or its agents disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time
- Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria
 - This is not applicable because there are no septic systems present

** Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)*

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

Chloride

Annual Requirements

Public Education and Outreach

- Included an annual message in November/ December to private road salt applicators and commercial industrial site owners on the proper storage and application rates of winter deicing material, along with the steps that can be taken to minimize salt use and protect local waterbodies

The following type(s) of salt were applied **during this reporting period (year 6):**

- Sodium chloride
- Calcium chloride
- Potassium chloride

- Magnesium chloride
- Brine solution

Total amount of salt applied **during this reporting period (year 6) including units:** 838 tons

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:

Salt Reduction Plan - The Town only recently became aware of this requirement in Permit Year 3 when an updated 303(d) List of Impaired Waters was released, as Lincoln was not covered under a chloride impairment in the original 2016 permit release. Lincoln completed a Salt Reduction Plan during Year 5 to meet permit requirements and is available for download at: <https://www.lincolntown.org/1010/Stormwater-and-Climate-Resiliency> and is currently working on completing additional salt reduction activities as feasible.

Solids, Oil and Grease (Hydrocarbons), or Metals

Annual Requirements

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

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

Included as an appendix in the SWMP Plan, available for download at: <https://www.lincolntown.org/1010/Stormwater-and-Climate-Resiliency>

- 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:

Increased Sweeping for High Pollutant Loads - This was determined not to be necessary for the Town as these areas are not observed to accumulate more sediment and debris than other areas within the Town.

Charles River Watershed Phosphorus TMDL

Below, calculate your current phosphorus export rate by first filling out the individual phosphorus loading components (labeled [A], [B], [C], and [D]) and then computing your current phosphorus export rate using the equation provided.

Baseline phosphorus export reduction required from PCP Area, as identified in Appendix F **(lbs/year) [A]:** 185

Total phosphorus reduction from all nonstructural controls implemented **this reporting period (lbs/year) [B]:** 19

Total phosphorus reduction from all structural controls installed this reporting period and all previous years **(lbs/year) [C]:** 2.01

Phosphorus load increase due to development incurred since 2005 in lbs/year [D]:

Current phosphorus export rate from the PCP Area in lbs/year [=A-(B+C)+D from above]:

- I certify under penalty of law that all source control and treatment Best Management Practices being claimed for phosphorus reduction credit have been inspected, maintained and repaired in accordance
- with manufacturer or design specification. I certify that, to the best of my knowledge, all Best Management Practices being claimed for a phosphorus reduction credit are performing as originally designed.
 - All municipally owned and maintained turf grass areas are being managed in accordance with Massachusetts Regulation 331 CMR 31 pertaining to proper use of fertilizers on turf grasses
 - Implemented all nonstructural control measures **during this reporting period** and documented the measures and their phosphorus reduction. The nonstructural control measure information:
 - is attached to the email submission
 - can be found at the following publicly available website:

- Documented the structural control measures implemented during **this reporting period and all previous years**, including location, phosphorus reduction in mass/year, and date of last completed maintenance and inspection for each control. The structural control measure information:
 - is not applicable; no structural control measures were implemented
 - is attached to the email submission
 - can be found at the following publicly available website:

The Phase 1 PCP: *(select one of the following options. If you submitted your PCP last year and have an updated website, please include the website below)*

- was submitted in the Year 5 Annual Report
- is attached to the email submission
- can be found at the following publicly available 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 MS4 Permit requires the Town to reduce phosphorus loads to the Charles River, a portion of which comes from existing privately developed properties that discharge to the Town's MS4 or directly to surface waters. These existing private properties are currently not subject to stormwater permits and are not regulated to reduce their share of phosphorus contributions to TMDL waters. Instead, the Town is responsible for achieving phosphorus reductions from these private developments because these developments are located within Lincoln's MS4. The Town supports exploring a state or federal level stormwater permit for existing large commercial, industrial, and institutional properties located within the Charles River watershed to help mitigate impacts from development per EPA's August 13, 2020 stakeholder letter.

The Town has not yet calculated increases in phosphorous load due to development since the baseline loading was calculated. The Town will update loading pending availability of updated land use data from publicly available sources that can be readily compared with previously released data.

Stormwater BMPs being claimed for phosphorous reduction credit have been evaluated in the field and/or through analysis of available design plans. Pollutant removals for BMPs with available plans have been assessed according to the provided engineering design plans to estimate pollutant reductions provided. BMPs with no available plans were instead assessed in the field according to best engineering judgment. The Town cannot certify that BMPs assessed in the field are performing as originally designed, as design plans are not available. However, we feel that reasonable steps have been made to accurately quantify pollutant removals provided by existing stormwater BMPs. Additionally, the Town continues to follow its Operation and Maintenance Plan which includes annual inspections of Town-owned BMPs, with maintenance performed as needed such that they maintain proper working order consistent with state and federal stormwater guidance.

NON-TRADITIONAL AND TRANSPORTATION MS4s ONLY- municipalities please skip this section:

Describe the planned phosphorus reduction activities on site and coordination progress with the applicable municipality:

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 Town has determined it is subject to the following additional TMDL and Impaired Waters requirements:

- Cambridge Reservoir, chloride impaired waters requirements. (Appendix H, Part IV)
- Cambridge Reservoir Upper Basin, chloride impaired waters requirements. (Appendix H, Part IV)
- Elm Brook, bacteria impaired waters requirements. (Appendix H, Part III)
- Hobbs Brook, chloride impaired waters requirements. (Appendix H, Part IV)
- Shawsheen River, bacteria impaired waters requirements. (Appendix H, Part III)
- Unnamed Tributary, chloride impaired waters requirements. (Appendix H, Part IV)

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: Flyer, Be a Leaf Hero

Message Description and Distribution Method:

Distributed "Be a Leaf Hero" flyers during Fall 2023 season to educate residents about proper leaf disposal. Flyers were placed in the atrium of town hall and posted on the town's website.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Distribute flyers through multiple avenues. Flyers were placed in the atrium of town hall and posted on the town's website.

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: Website, Stormwater Information

Message Description and Distribution Method:

The Town maintains two stormwater websites, one with a variety of links and information pertaining to residents, businesses, and developers, and a second with specific information on the Town's MS4 program. Websites also provide seasonal messages that address lawn care, dog waste disposal, and snow/ice management for businesses.

<https://www.lincolntown.org/1010/Stormwater-and-Climate-Resiliency>

<https://www.lincolntown.org/1122/Stormwater>

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Create a website and complete periodic updates.

Message Date(s): Continuous / Ongoing

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Homeowners Guide to Protecting Ponds and Wetlands

Message Description and Distribution Method:

The Conservation Department distributed a two-page brochure entitled “Homeowners Guide to Protecting Ponds and Wetlands” which was available at their office and distributed at various public events staff attended.

Targeted Audience: Residents

Responsible Department/Parties: Conservation Commission

Measurable Goal(s):

Distribute informational brochure to help protect wetlands and other resource areas at public events throughout the year.

Message Date(s): Varies

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: Flyer, Good Owners Make Good Dogs

Message Description and Distribution Method:

Distribute dog waste educational flyers called Good Owners Make Good Dogs which educated people on the importance of picking up after their dog and leashing them near sensitive wetland areas. This flyer was handed out to all residents who applied for a dog license in 2024 and posted on the Town's website..

Targeted Audience: Residents

Responsible Department/Parties: Conservation Commission

Measurable Goal(s):

Distribute educational messages to dog walkers utilizing the various trail system users.

Message Date(s): Continuous / Ongoing

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Pet Waste Signage

Message Description and Distribution Method:

Dog waste educational signage is posted at 10 agricultural field entrances, at major trail heads, and around several elementary schools which outlined the Town’s dog rules including the importance of picking up dog waste

Targeted Audience: Residents

Responsible Department/Parties: Conservation Commission

Measurable Goal(s):

Post educational pet waste signage at areas with high dog traffic. It is estimated that between 50 and 250 people see these signs every day.

Message Date(s): Continuous / Ongoing

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Snow and Ice Management

Message Description and Distribution Method:

Provided information on snow and ice removal on the Town's website, as well as Lincoln's Salt Reduction Plan.

Targeted Audience: Businesses

Responsible Department/Parties: Conservation Commission

Measurable Goal(s):

Make information available to the public on the importance of proper salt storage and application.

Message Date(s): Continuous / Ongoing

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Septic System Maintenance

Message Description and Distribution Method:

Distributed a 1-page flyer entitled “Septic System Do's and Don'ts” included in all water bills in August 2023. Additionally, the Lincoln Water Department and Lincoln Board of Health includes a “Comprehensive Guide to Caring for Your Home Septic System” on its website.

Targeted Audience: Residents

Responsible Department/Parties: Conservation Commission, Water Department, Board of Health

Measurable Goal(s):

Provide information on the Town's website and distribute a fact sheet to Town residents on the importance of proper septic system maintenance.

Message Date(s): August 2023 and Continuous / Ongoing

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Homeowners Guide to Keeping Wetlands Healthy

Message Description and Distribution Method:

Distributed a 2-page flyer entitled “Homeowners Guide to Keeping Wetlands Healthy” included in the May 2024 water bill. It included tips on picking up dog waste, maintaining septic systems, planting a rain garden, and much more.

Targeted Audience: Residents

Responsible Department/Parties: Conservation Commission

Measurable Goal(s):

Distribute a fact sheet to Town residents on the importance of protecting wetlands through proper management of stormwater runoff.

Message Date(s): May 2024

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Water Quality and Watershed Protection

Message Description and Distribution Method:

The Conservation Director provide Stormwater Pollution Prevention Tips for Homeowners in her signature line on over 1,200 outgoing emails between August-November 2023 which included general tips to help reduce or prevent stormwater pollution.

Targeted Audience: Residents

Responsible Department/Parties: Conservation Commission

Measurable Goal(s):

Provide general information to those corresponding with the Conservation Commissioner on various water quality-related items or issues.

Message Date(s): Continuous / Ongoing

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

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:**

SWMP Plan for Download - The Town has posted the SWMP Plan and other relevant information on Town website along with contact information to allow for public comment.

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:**

-Held 5 virtual “Conservation Coffees” with approximately 30 residents in attendance – at each of these gatherings, stormwater education was included.
-On February 22, 2024, Conservation staff gave a zoom presentation to Lincoln residents on the six-part mission of the Conservation Commission. We discussed how The Commission, and its staff protects wetlands, manages conservation land, acquires open space, and educates residents on various conservation matters (including stormwater).

MCM3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

Check off the box below if the statement is true.

This SSO section is NOT applicable because we DO NOT have sanitary sewer

Below, report on the number of SSOs identified in the MS4 system and removed **during this reporting period.**

Number of SSOs identified:

Number of SSOs removed:

MS4 System Mapping

Percent of Phase II map complete:

Optional: Provide additional status information regarding your map:

All known outfalls, stormwater BMPs, and receiving waterbodies with impairments have been mapped to date. Initial catchment delineations have also been completed based on topographic mapping and available stormwater system information, and are being refined as additional field information is collected during catchment investigations. The Town has also substantially mapped catch basins and manholes, and is working to complete mapping of piping connectivity. Mapping of open channel conveyances and interconnections with other MS4s (e.g. DOT) is ongoing, and it is expected that this will continue as part of DOT's own mapping efforts to be completed under a future TS4 permit. The Town is also working to identify data gaps in its drainage mapping (e.g., catch basins without piping, disconnected drainage networks, etc.) and is actively mapping and investigating these. Any new infrastructure discovered through this process will be mapped and screened as necessary by the end of Year 10.

Screening of Outfalls/Interconnections

If conducted, please submit any outfall monitoring results from this reporting period. Outfall monitoring results should include the date, outfall/interconnection identifier, location, weather conditions at time of sampling, precipitation in previous 48 hours, field screening parameter results, and results from all analyses. Please also include the updated inventory and ranking of outfalls/interconnections based on monitoring results.

- No outfalls were inspected
- The above referenced outfall screening data is attached to the email submission
- The above referenced outfall screening data can be found at the following publicly available website:

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

Number of outfalls screened:

*Below, report on the percent of outfalls/interconnections screened **to date**.*

Percent of outfalls screened:

Optional: Provide additional information regarding your outfall/interconnection screening:

Catchment Investigations

If conducted, please submit all data collected during this reporting period as part of the dry and wet weather investigations. Also include the presence or absence of System Vulnerability Factors for each catchment.

- No catchment investigations were conducted
- The catchment investigation data is attached to the email submission
- The catchment investigation data can be found at the following publicly available website:

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

Number of catchment investigations completed this reporting period:

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

Percent of total catchments investigated:

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

The Town began assessing its catchment investigation status during Year 6. Many catchments do not have Key Junction Manholes, and the Town has no sewer system and corresponding System Vulnerability Factors that would require wet weather outfall sampling; thus catchment investigations are considered complete once outfalls have been screened for dry weather flow. Numbers provided above represents a combination of catchments screened during Year 6 as well as catchments that do not require investigations of Key Junction

Manholes or wet weather outfall screening, and thus are complete once dry weather outfall screening has been completed. Remaining catchments that require Key Junction Manhole investigations and/or wet weather outfall screening will be completed. by the end of Year 10.

IDDE Progress

If illicit discharges were found, please submit a document describing work conducted over this reporting period, and cumulative to date, including location source; description of the discharge; method of discovery; date of discovery; and date of elimination, mitigation, or enforcement OR planned corrective measures and schedule of removal.

- No illicit discharges were found
- The illicit discharge removal report is attached to the email submission
- The illicit discharge removal report can be found at the following publicly available website:

*Below, report on the number of illicit discharges identified and removed, along with the volume of sewage removed **during this reporting period.***

Number of illicit discharges identified:

Number of illicit discharges removed:

Estimated volume of sewage removed: gallons/day

*Below, report on the total number of illicit discharges identified and removed to date. At a minimum, report on the number of illicit discharges identified and removed **since the effective date of the permit (July 1, 2018).***

Total number of illicit discharges identified:

Total number of illicit discharges removed:

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

Employee Training

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

An on-site IDDE training session was held on April 9, 2024 with applicable DPW staff. This session also provided training on Stormwater Pollution Prevention Plan (SWPPP) implementation and inspections at the DPW Garage.

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: 33

Number of inspections completed: 51

Number of enforcement actions taken: 11

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

The numbers above represent all reviews, inspections, and enforcement actions issued by the Town of Lincoln for all projects. Many of these are for projects far smaller than the 1-acre threshold. Major projects this year that were permitted and monitored during construction include: reconfiguration of Hanscom Drive, a tree clearing project on Baker Bridge Road, and the resurfacing of pathways and boardwalks at Minuteman National Historic Park. Major projects this year that have been approved and are pending construction include: installation of a Solar Facility on the Lincoln Transfer Station, and boat access and parking lot improvements at Walden Pond. “

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

Ordinance or Regulatory Mechanism

Date update was completed (due in year 3): Bylaw: May 15, 2021.
Regulations: July 27, 2021

Website of ordinance or regulatory mechanism:
General Bylaws: Article XXXI and Article XXXII, https://www.lincolntown.org/DocumentCenter/View/85207/Lincoln_IDDE_and_Stormwater_Management_Bylaw_FINAL
Regulations: Section 5, <http://www.lincolntown.org/DocumentCenter/View/883/Subdivision-Rules-and-Regs-amended-June-2014?bidId=>
<https://www.lincolntown.org/1010/Stormwater-and-Climite-Resiliency>

As-built Drawings

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

Number of as-built drawings received: 6

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

As-built drawings received:

- Lincoln Public Schools, Ballfield Road
- 9-11 Lewis Street
- 263 Old Concord Road
- 31 Old Concord Road
- 76 Old Sudbury Road
- 8 Silver Hill Road

Street Design and Parking Lots Report

Below, describe any changes made or planned to be made to local regulations and guidelines based on the report completed in Year 4:

No changes to date. To be determined pending discussions between various departments.

Green Infrastructure Report

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

No changes to date. To be determined pending discussions between various departments.

Retrofit Properties Inventory

Below, list remaining permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (must maintain a minimum of 5 sites in inventory until less than 5 sites remain):

- Pierce Park: Recommend the installation of 3 catch basins within the paved driveway area as well as the gravel parking area to the west. These catch basins will capture runoff and discharge it to the two existing ponds on site.
- Lincoln Fire Department and Police Station: Recommend the installation of two catch basins, two infiltration trenches, rain garden and detention basin to collect and treat runoff from the impervious areas surrounding the fire and police station.
- Lincoln Department of Public Works: Recommend the installation of a catch basin, connected to the existing catch basin network on site. Downgradient of the catch basins, install a subsurface sediment separator and an outfall into the wooded area south of the site. The separator should be cleaned regularly due to the presence of material stockpiles.

Conservation Parcel off of Trapelo Road: Recommend the installation of a manhole structure to intercept the main drainage line from Trapelo Road, and an infiltration basin to provide treatment.

Below, list all properties that have been modified or retrofitted with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.d of the permit and the type of BMP(s) implemented. Non-MS4 owned properties that have been modified or retrofitted with BMPs to mitigate impervious area may also be listed, but must be indicated as non-MS4.

Since the 2016 MS4 Permit became effective, the following Town-owned facilities have been retrofitted with stormwater BMPs:

- Codman Community Farms: installation of a swale and raingarden
- Lincoln Public Schools: installation of three detention/infiltration basins, three underground infiltration systems, perforated pipe, and a stormtech chamber along with six other water quality units

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:

Weight of material removed:

Stormwater Pollution Prevention Plan (SWPPP)

*Below, report on the number of site inspections for facilities that require a SWPPP completed **during this reporting period.***

Number of site inspections completed:

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

Not applicable, no corrective actions have been taken to date.

Additional Information

Monitoring or Study Results

Results from any other stormwater or receiving water quality monitoring or studies conducted during the reporting period not otherwise mentioned above, where the data is being used to inform permit compliance or permit effectiveness must be attached.

- Not applicable
- The results from additional reports or studies are attached to the email submission
- The results from additional reports or studies can be found at the following publicly available website(s):

If such monitoring or studies were conducted on your behalf or if monitoring or studies conducted by other entities were reported to you, a brief description of the type of information gathered or received shall be described below:

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.

Year 7

Activities Planned for Next Reporting Period

Please confirm that your SWMP has been, or will be, updated to comply with all applicable permit requirements including but not limited to the year 7 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree

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

Annual Requirements

- Annual report submitted and available to the public
- Annual opportunity for public participation in review and implementation of SWMP
- Keep records relating to the permit available for 5 years and make available to the public
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Continue public education and outreach program
- Update outfall and interconnection inventory and priority ranking and include data collected in connection with the dry weather screening and other relevant inspections conducted
- Implement IDDE program
- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspection of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected
- Sweep all curbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; update if necessary
- Review O&M programs for all permittee owned facilities; update if necessary
- Implement all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implement program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Enclose all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Review as-built drawings for new and redevelopment to ensure compliance with post construction bylaws, regulations, or regulatory mechanism consistent with permit requirements
- Inspect all permittee owned treatment structures (excluding catch basins)
- Identify additional permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas so that the permittee maintains a minimum of 5 sites in their inventory, until such a time when the permittee has less than 5 sites remaining

Provide any additional details on activities planned for permit year 7 below:

Part V: Certification of Small MS4 Annual Report 2023

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]