

**Year 7 Annual Report**  
**Massachusetts Small MS4 General Permit**  
**Reporting Period: July 1, 2024-June 30, 2025**

*\*\*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, 2024 and June 30, 2025 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>

<b>Impairment(s)</b>			
<input checked="" type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Chloride	<input type="checkbox"/> Nitrogen	<input type="checkbox"/> Phosphorus
<input type="checkbox"/> Solids/ Oil/ Grease (Hydrocarbons)/ Metals			
<b>TMDL(s)</b>			
<i>In State:</i>	<input type="checkbox"/> Assabet River Phosphorus	<input checked="" type="checkbox"/> Bacteria and Pathogen	<input checked="" type="checkbox"/> Cape Cod Nitrogen
	<input type="checkbox"/> Charles River Watershed Phosphorus	<input type="checkbox"/> Lake and Pond Phosphorus	
<i>Out of State:</i>	<input type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Metals	<input type="checkbox"/> Nitrogen
			<input type="checkbox"/> 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 7 Requirements

- Completed catchment investigations associated with Problem Outfalls
- Completed catchment investigations where information gathered on the outfall/interconnection indicated sewer input

#### 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:

SWPPPs - The Town has no standalone maintenance garage or other waste handling facility. The Town's DPW Facility and Transfer Station are located on adjacent parcels within the urbanized area, however, all stormwater infiltrates onsite. Facilities do not discharge to Waters of the U.S. and/or the Town's regulated MS4 system. Based on the location of both facilities, underlying pervious soils, and surrounding topography, it has been determined that both facilities will not discharge to the Town's MS4 or a Waterbody of the United States under any conditions.

**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 F and H 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:

**Nitrogen** (Combination of Impaired Waters Requirements and TMDL Requirements as Applicable)

Annual Requirements

*Public Education and Outreach\**

- Distributed an annual message in the spring (April/May) that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers
- Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter

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

*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:

Street Sweeping - The Town swept all high traffic areas with windblown sand near beaches two or three times per year. North/south main roads were swept once, and north side secondary roads were also swept once.

*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:  
-Chase Garden Creek (MA96-103), bacteria impaired waters requirements (Appendix H, Part III)

Additionally, upon release of the 2018/2020 303d list, there were an extensive list of waterbodies that changed, most of which related to nitrogen, estuarine bioassessments, and nutrient eutrophication biological indicators. It is assumed that all waterbodies currently listed as impaired for total nitrogen or estuarine bioassessments will eventually be covered under the Cape Cod Nitrogen TMDL or similar document. As currently written, this document largely identifies wastewater as the primary cause of nitrogen pollution rather than stormwater and exempts communities from completing the Nitrogen Source Identification Report, as well as the accompanying BMP evaluation and construction of a stormwater demonstration BMP. Thus, the Town is not currently planning on completing these requirements. Remaining items outlined above as required are being completed according to the schedule outlined in the permit.

## 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: Stormwater Webpage**

Message Description and Distribution Method:

Develop a town stormwater website with links to external sites such as EPA and NHDES as well as provide stormwater brochures for download.

Targeted Audience: Residents, Businesses, institutions and commercial, Developers, Industrial

Responsible Department/Parties: Engineering Dept, Planning Dept, Building Dept, Information Technology

Measurable Goal(s):

Continue to maintain and update webpages with relevant information, links, and BMPs. Make seasonal messages available on the Town's website.

Message Date(s): Ongoing / Continuous

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 Flyers**

Message Description and Distribution Method:

Provide informational pet waste flyers with dog license applications and animal control on the importance of picking up pet waste.

Targeted Audience: Residents

Responsible Department/Parties: Town Clerk, Engineering Dept

Measurable Goal(s):

Provide informational flyers to all residents registering dogs. Approximately 153 distributed.

Message Date(s): Ongoing / Continuous

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: Seasonal Messages**

Message Description and Distribution Method:

Post seasonal messages during all seasons to the Town's Facebook page and website. Seasonal messages (9 total) included information on the following:

- Construction site runoff control
- Leaf litter cleanup and removal
- Fertilizer usage and lawn maintenance

Targeted Audience: Residents, Businesses, institutions and commercial

Responsible Department/Parties: Engineering Dept, Information Technology

Measurable Goal(s):

Post seasonal messages during all seasons to the Town's Facebook page and website. Seasonal messages were posted as follows:

- Construction runoff, posted summer 2024
- Leaf litter, posted fall 2024
- Fertilizer usage, posted spring 2025

Message Date(s): Seasonal social media; year-round for website and engineering display

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: Informational Flyers**

Message Description and Distribution Method:

Provide various informational flyers to the public via the DPW and Engineering Dept. Flyers included information on the importance of picking up pet waste, construction site runoff control, leaf litter cleanup and removal, and fertilizer usage and lawn maintenance.

Targeted Audience: Residents

Responsible Department/Parties: Engineering Dept.

Measurable Goal(s):

Provide informational flyers on various stormwater-related topics to the public. 2 leaf litter cleanup flyers were taken around October 21, 2024; 3 fertilizer usage and lawn maintenance flyers were taken around March 26, 2025; and two construction site runoff control flyers were taken around August 2024.

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:**

Dennis MS4 Program - Information was presented during the capital budget review process through 3 public meetings with Capital Outlay Committee, Finance Committee and Select Board.  
  
Scargo Lake Landings Project - Information was provided on the local radio station and website. Project information is provided through the Association to Preserve Cape Cop (partner project).

**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 stormwater infrastructure, including outfalls, catch basins, manholes, pipes, open channel conveyances, miscellaneous stormwater structures, and stormwater BMPs have been mapped. All outfall catchment areas have been refined to reflect information collected during catchment investigations, and receiving waterbodies with impairments have also been mapped. Mapping of 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. 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 assessed its catchment investigation status during Year 7. 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. As of the end of Year 7, all Key Junction Manholes within regulated MS4 areas have been assessed and catchment investigations are now complete. Any newly located Key Junction Manholes will be assessed during future years and 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:*

One illicit discharge was identified during Year 7 from a pool being drained onto the beach. The property

owner stopped immediately and drained onto their property. No illicit discharges pertaining to sewage were found during Year 7.

The Health Department also investigated four potential illicit discharges during Year 7 from sump pumps that were discharging onto the roadway. All were corrected by homeowners relocating the pipes away from the street and further up onto their property. Although no testing was performed, it is presumed that all sump pumps were discharging uncontaminated groundwater and were unlikely to be illicit discharges.

### **Employee Training**

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

An on-site IDDE training session was held on December 10, 2024 with applicable DPW staff.

### **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:

### **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 made to date. To be determined upon final release of the upcoming revised Phase II Permit and pending discussions between various departments and boards.

### **Green Infrastructure Report**

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

No changes made to date. To be determined upon final release of the upcoming revised Phase II Permit and pending discussions between various departments and boards.

### **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):

West Dennis Grade School - Install a bioretention rain garden adjacent to the southern border of the parking lot.

Sea Street Beach - Install bioretention rain gardens adjacent to the wooden fence line at the southern border of the parking lot where it will collect the lot's runoff. This will then outlet into the existing catch basin in the southeast corner of the lot which then outfalls into the adjacent body of water.

Cold Storage and Sesuit Beach - Install a catch basin south of the northern parking lot which will flow to a bioretention rain garden near the bathrooms. Runoff from Island Creek Lane collects in an existing catch basin that will flow into a constructed bioretention rain garden just north of the sand/gravel drop off lot. Some trees will need to be cut.

Fire Department - Construct a gravel wetland in the flat grassy area near the eastern parking lot, with its inlets

coming from the existing northern and eastern catch basins. The outlet for this basin can be connected to the existing northeastern catch basin.

Ezra H. Baker Elementary School - Install 3 new catch basins on the northern border of the lower lot ultimately flowing into a gravel wetland that will be constructed in the open flat grassy area northwest of the two storage units. In the upper lot, construct a bioretention rain garden adjacent to the eastern fence line in the 5' wide strip of grass.

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.

Best Management Practices were installed at the following locations during Permit Year 7:

- Airline Road: Installed 4 new drainage system upstream of Cedar Pond
- Route 134: Installed 2 new drainage systems upstream of wetland area
- Scargo Landing: Installed leaching structures, porous pavement, swales and bioretention areas on two landings off Scargo Lake

### **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:

Catch basin cleaning was conducted by a combination of in-house and vendor operations. Numbers above represent a combination of all catch basins cleaned town-wide. Catch basins within Residential Areas 12, 14, 15, 17, 19, 28, 29 were cleaned during Permit Year 7.

**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:

**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:

The Town has no standalone maintenance garage or other waste handling facility. The Town's DPW Facility and Transfer Station are located on adjacent parcels within the urbanized area, however, all stormwater infiltrates onsite. Facilities do not discharge to Waters of the U.S. and/or the Town's regulated MS4 system. Based on the location of both facilities, underlying pervious soils, and surrounding topography, it has been determined that both facilities will not discharge to the Town's MS4 or a Waterbody of the United States under any conditions.

**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**

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.

Construction began on the first of eight phases on the Town's wastewater program. Phase one includes the

construction of the water resources recovery facility (WRRF) and 22 miles of collection system piping and 8 pump stations to collect effluent from over 1,000 properties. The wastewater system is being implemented to reduce nitrogen in the watersheds that flow to the Bass River, Swan River and Herring River estuaries.

## Year 8

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

Yes, I agree

### Annual Requirements

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

- bylaws, regulations, or regulatory mechanism consistent with permit requirements
- Inspect all permittee owned treatment structures (excluding catch basins)
- Identify additional permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas so that the permittee maintains a minimum of 5 sites in their inventory, until such a time when the permittee has less than 5 sites remaining

Provide any additional details on activities planned for permit year 8 below:



### Part V: Certification of Small MS4 Annual Report 2025

**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]*