

Year 5 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2022-June 30, 2023

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, 2022 and June 30, 2023 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

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.

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:

N/A

- Updated system map due in year 2 as necessary
- Provided training to employees involved in IDDE program within the reporting period
- Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- All curbed roadways were swept at least once within the reporting period
- Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities

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

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

The Town completed IDDE, Pollution Prevention/Good Housekeeping, and SWPPP trainings for DPW staff on May 10, 2023. Opportunistic trainings are provided throughout the year in the field and/or office during implementation of drainage infrastructure related work.

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:

Note: The Town does not have any direct MS4 discharges to bacteria/pathogen impaired waterbodies. However, distribution of educational messages satisfying the above requirements was completed during Permit Year 5.

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

Annual Requirements

*Public Education and Outreach**

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

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

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

- Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.a.iii.(c) to a minimum of two times per year (spring and fall)

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:

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)

Structural BMPs

- Completed the evaluation of all permittee owned properties identified as presenting retrofit opportunities or areas for structural BMP installation under permit part 2.3.6.d or identified in the Phosphorus Source Identification Report, including: *(select the items of the evaluation that have been completed below)*

- Next planned infrastructure, resurfacing, or redevelopment activity planned for the property (if applicable) OR planned retrofit date
- Estimated cost of redevelopment or retrofit BMPs
- Engineering and regulatory feasibility of redevelopment or retrofit BMPs

- Completed a listing of planned structural BMPs and a plan and schedule for implementation
 - The BMP list and implementation schedule is attached to the email submission
 - The BMP list and implementation schedule can be found at the following publicly available website:

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.

- No BMPs were installed
- The above referenced BMP information is attached to the email submission
- The above referenced BMP information can be found at the following publicly available website:

Total estimated phosphorus removed in **lbs/year** from the installed BMPs:

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:

Note: The Town does not have any direct MS4 discharges to phosphorus impaired waterbodies. The Town of Brewster developed a Final Phosphorus Source Identification Report (PSIR) for the Lower Mill Pond and Walkers Pond catchments; of these 2 catchments, which both discharge to the ponds via overland flow (not via outfall/direct discharge), only 23 acres of the Lower Mill Pond watershed are mapped as "Urban Area." Please refer to the "Additional Information" section of the report on Page 18 for more information regarding the Final PSIR.

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 evaluated the "Final Massachusetts Integrated List of Waters for the Clean Water Act 2022 Reporting Cycle" and found that no changes related to receiving waters/impaired or TMDL waters have been made during this reporting period.

The Town performed a drainage infrastructure assessment as part of catchment investigation activities, resulting in the identification of 17 mapped outfalls under MS4 General Permit jurisdiction and confirmation of 12 of those outfalls in the field.

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: Do Your "Doody" For Clean Water

Message Description and Distribution Method:

The Town's Department of Public Works website has a "news" section, where the department posts announcements and educational messages related to stormwater quality and management. This section of the website contains a link to a brief posting and a flyer regarding the importance of the proper collection and disposal of pet waste, posted on June 14, 2023.

The pet waste message is available for residents to view on the DPW website here:

<https://www.brewster-ma.gov/public-works-department/news/do-your-doody-clean-water>

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Prepare and distribute appropriate stormwater messages to residents annually.

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: The Effects of Fertilizer Use

Message Description and Distribution Method:

The Town's Department of Public Works website has a "news" section, where the department posts announcements and educational messages related to stormwater quality and management. This section of the website contains a link to a brief posting and a flyer regarding fertilizer use, posted on May 31, 2023. The flyer provides suggestions for homeowners, including using slow release fertilizers, not applying fertilizers before rain events, and applying the minimum amount of fertilizers necessary.

The fertilizer use message is available for residents to view on the DPW website here:
<https://www.brewster-ma.gov/public-works-department/news/effects-fertilizer-use>

Targeted Audience: Residents

Responsible Department/Parties: DPW

Measurable Goal(s):
Prepare and distribute appropriate stormwater messages to residents annually.

Message Date(s): 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:Know Before You Mow

Message Description and Distribution Method:
The Town's Department of Public Works website has a "news" section, where the department posts announcements and educational messages related to stormwater quality and management. This section of the website contains a link to a brief posting and a flyer regarding the proper management of grass clippings, posted on May 19, 2023. The flyer provides best practices for mowing and disposing of grass clippings.

The fertilizer use message is available for residents to view on the DPW website here:
<https://www.brewster-ma.gov/public-works-department/news/know-you-mow>

Targeted Audience: Residents

Responsible Department/Parties: DPW

Measurable Goal(s):
Prepare and distribute appropriate stormwater messages to residents annually.

Message Date(s): 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:Homeowner Training for Septic Systems

Message Description and Distribution Method:

The Town's Board of Health and Health Department website has a "news" section, where the department posts announcements and educational messages for the public. This section of the website contains a link to a flyer, posted on May 23, 2023, that invited residents to attend an in-person training on septic system basics, troubleshooting, and tips in Milford, MA on June 6, 2023. The workshop included general information on septic systems, typical maintenance needs, basic problem solving, and household habits to reduce the system stresses.

The invitation flyer for the septic system training event is available for residents to view BOH website here: <https://www.brewster-ma.gov/sites/g/files/vyhlf6286/f/uploads/nowra-septic-training-june-2023-v5.pdf>

Targeted Audience: Residents

Responsible Department/Parties: Board of Health and Health Department

Measurable Goal(s):

Prepare and distribute appropriate stormwater messages to residents annually.

Message Date(s): May 23, 2023

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: Social Media Post - Nutrients in Brewster's Ponds**Message Description and Distribution Method:**

On July 9, 2022, a presentation was given at Brewster's Conservation Day event, aiming to educate residents about the Town's ponds, their current phosphorus impairments, the Town's efforts to reduce phosphorus levels in the ponds and within their watersheds, and ways the public can help reduce nutrient discharges in stormwater. This presentation was recorded, and a link to the video recording was shared on the Town's Facebook page on April 3, 2023.

The presentation is available for the public to view at the following website: <https://vimeo.com/814409934>

Targeted Audience: Residents

Responsible Department/Parties: Department of Natural Resources

Measurable Goal(s):

Promote stormwater awareness by communicating key stormwater information, regulations, and activity updates with the goal of public education.

Message Date(s): July 9, 2022 and April 3, 2023

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:Social Media Post - 2023 Brewster Pond Summit

Message Description and Distribution Method:

The Town shared a Facebook post on June 14, 2023 with a website link including registration information for the 2023 Brewster Pond Summit. In total, the post has five likes and four shares.

The 2023 Brewster Pond Summit was held in person on June 16, 2023. Topics discussed during the event included general information about the Town's ponds, actions taken to address the Town's water quality issues, current and future research endeavors, and Title V Regulations for septic systems.

The recorded Summit was posted to the Town's Facebook page on June 22, 2023 and has five likes and one share. The video has 29 views, and is available for the public to view at the following website:

<https://vimeo.com/838454554>

Targeted Audience: Residents

Responsible Department/Parties: Department of Natural Resources

Measurable Goal(s):

Promote stormwater awareness by communicating key stormwater information, regulations, and activity updates with the goal of public education.

Message Date(s): June 14, 16, and 22, 2023

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:Social Media Post - Stormwater Systems at Boat Ramps

Message Description and Distribution Method:

The Town shared a Facebook post on October 31, 2022 with a website link including registration information for 2 virtual meetings with the Association to Preserve Cape Cod (APCC). The virtual meetings took place on November 1 and 3, 2022, and were held to educate the public on stormwater quality issues across Cape Cod, and to discuss/review concept designs for planned public boat ramp stormwater retrofit projects across the Cape (including Brewster).

Targeted Audience: Residents

Responsible Department/Parties: Department of Natural Resources/APCC

Measurable Goal(s):

Promote stormwater awareness by communicating key stormwater information and activity updates with the goal of public education.

Message Date(s): October 31, and November 1 and 3, 2023

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:Be A Leaf Hero

Message Description and Distribution Method:

In October 2022, before the Town adopted a new website, the DPW posted a message to their webpage titled "Be A Leaf Hero," which included best practices for residents and businesses on leaf litter collection and disposal.

Targeted Audience: Residents

Responsible Department/Parties: DPW

Measurable Goal(s):

Prepare and distribute appropriate stormwater messages to residents annually.

Message Date(s): October 2022

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

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 of Brewster posted their Permit Year 5 Stormwater Management Plan Update to the Town's DPW website. DPW contact information, including a phone number, email address, and mailing address, are included on the DPW website to solicit public comment on the SWMP; no comments were received during this permit year.

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 Town hosted "Brewster Conservation Day" on July 9, 2022. The theme of the event was "Water Resources: We Are All a Part of the Solution," and there were several exhibits present at the event to educate the public on topics such as aquifers, ocean resources, coastal erosion, herring migration, alternative energy, septic systems, and cyanobacteria pond testing. A description of the event can be found here: <https://www.brewsterponds.org/newsevents/brewster-conservation-day-2022#:~:text=We%20kick%20off%20a%20weeklong,gardening%2C%20and%20alternative%20septic%20systems.>

The Town hosted a "Beautify Brewster" event on April 29, 2023, where residents participated in roadside trash and recyclable cleanups throughout the Town.

The Town participated in 6 regional Household Hazardous Waste Collection Days for residents at the Harwich Transfer Station on the second Saturday of the month in July, August, September, and October 2022 and May and June 2023.

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:

Updated MS4 system maps are included in Appendices M and L of the Town's Permit Year 5 SWMP update.

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:

As stated above, the Town performed a drainage infrastructure assessment as part of catchment investigation activities, resulting in the identification of 17 mapped outfalls under MS4 General Permit jurisdiction and confirmation and dry weather screening of 12 of those outfalls in the field. The Town will conduct further investigations to determine whether the 5 outfalls that were not located are viable and conduct screening efforts, if located. Adjustments will be made to the Town's MS4 map and SWMP as needed. Some of the outfalls were screened during Permit Year 6 (July 2023); however, all outfall screening information is attached to this submittal.

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 completed investigations of the 12 catchments associated with the confirmed outfalls in September 2023 (Permit Year 6). This information will be provided in the next annual report submittal

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:**

The Town's DPW Administrative Supervisor attended an IDDE training on April 6, 2023, conducted by Baystate Roads. The Town completed IDDE, Pollution Prevention/Good Housekeeping, and SWPPP trainings for DPW staff on May 10, 2023. Opportunistic trainings are provided throughout the year in the field and/or office during implementation of drainage infrastructure related work.

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: 0

Number of enforcement actions taken: 0

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

Ordinance or Regulatory Mechanism

Date update was completed (due in year 3): June 22, 2022

Website of ordinance or regulatory mechanism: https://www.brewster-ma.gov/sites/g/files/vyhlf6286/f/uploads/stormwater_management_guidance_document.pdf

As-built Drawings

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

Number of as-built drawings received: 0

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:

The Town has prepared a draft report that assesses their existing regulations related to the effect of street and parking lot guidelines on the creation of impervious cover. A copy of this report is available at the Department of Public Works.

Green Infrastructure Report

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

The Town has prepared a draft report that assesses their existing regulations related to the feasibility of making green infrastructure practices available. A copy of this report is available at the Department of Public Works.

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):

The Town has developed a conceptual retrofit design for Walker's Pond Landing and its associated access drive and parking area located on Slough Road. The proposed retrofits include the installation of multiple catch basins and trench drains that will discharge to leaching galleys. Retrofit construction is planned for Permit Year 6.

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. 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.

The Town of Brewster has already implemented several retrofits within municipally-owned roadways, rights-of-ways, and other properties via installation of stormwater control measures (SCMs) including leaching catch basins, bioretention facilities, and gravel wetlands. The Town proactively identifies and completes retrofit projects to improve water quality via treatment and retention. A copy of the Town's SCM inventory is available at the Department of Public Works.

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:

Note: The Town of Brewster inspected and cleaned 225 privately-owned catch basins in addition to the 957 town-owned catch basins, for a total of 1,182 catch basins.

If necessary, schedule adjustments will be made to prioritize catch basins located at known problem areas (low spots, etc.) and near construction activities. If inspection and maintenance activities indicate excessive sediment and debris loading (sump is more than 50% full during two consecutive routine inspections/cleanings), these catch basins will be cleaned more frequently.

Street Sweeping

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

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

Stormwater Pollution Prevention Plan (SWPPP)

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

Number of site inspections completed:

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

A SWPPP inspection was conducted at the DPW facility in May 2023 and excess liquid was observed inside the salt shed. The area was promptly cleaned by DPW staff.

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. If any of the above year 5 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:

The Town of Brewster developed a Final Phosphorus Source Identification Report (PSIR) for the Lower Mill Pond and Walkers Pond catchments in June 2023. Of the approximately 227-acre catchment draining to Lower Mill Pond, 23 acres are mapped as Urban Area; the approximately 175-acre catchment draining to Walkers Pond is located entirely outside of the Town's mapped Urban Area. The Town of Brewster chose to evaluate both the Lower Mill Pond and Walkers Pond catchments in their entirety within the PSIR, including the majority of the area that is located outside of the MS4 Permit's jurisdiction, in recognition of ongoing nutrient reduction efforts within Cape Cod communities and in an effort to improve the water quality of both waterbodies.

In accordance with the MS4 General Permit, the Town of Brewster is required to implement a minimum of one structural SCM as a demonstration project within the Lower Mill Pond or Walkers Pond catchments within six years of the MS4 General Permit effective date. The Town is planning to satisfy this requirement by constructing stormwater retrofits at Walker's Pond Landing and the associated access drive and parking area located on Slough Road during MS4 Permit Year 6. In addition, the Town of Brewster will continue identifying and, as feasible, implementing additional stormwater retrofits on municipal properties and within municipal rights-of-way within the Lower Mill Pond and Walkers Pond catchments. Any structural SCMs installed by the Town in the future will be tracked within the Town's SCM inventory.

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 6 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 6 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]