

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

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:

- ☒ 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:

Jeremy LaRochelle and Randall Kemp attended Vanasse Hangen Brustlin, Inc. (VHB) training “Illicit Discharge Detection and Elimination” Presented by Annie Bastoni and Nate Pacheco on February 29, 2024.

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:

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)

Structural BMPs

- ☐ Installed a structural BMP as a demonstration project within the drainage area of the water quality limited water or its tributaries. The type of BMP installed is (*e.g. biofiltration*):

Any structural BMPs listed in Attachment 3 to Appendix F already existing or installed in the regulated area by the permittee or its agents was tracked and the nitrogen 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 nitrogen 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 nitrogen 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:

The Town of Southampton has identified a demonstration BMP project on Clark Street adjacent to the baseball field and has completed a 40% conceptual design. Funding resources have been limited to complete the project, but Southampton will be exploring options for continuing its demonstration BMP in Permit Year 7.

Additionally, Southampton has created and maintains a BMP Retrofit Inventory for future potential retrofit projects.

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

- ☐ Installed a structural BMP as a demonstration project within the drainage area of the water quality limited water or its tributaries. The type of BMP installed is (*e.g. biofiltration*):

- ☐ 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:

The Town of Southampton has identified a demonstration BMP project on Clark Street adjacent to the baseball field and has completed a 40% conceptual design. Funding resources have been limited to complete the project, but Southampton will be exploring options for continuing its demonstration BMP in Permit Year 7.

Additionally, Southampton has created and maintains a BMP Retrofit Inventory for future potential retrofit projects.

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

All streets in Southampton were swept between 8/14/23 and 8/29/23; and again in the spring between 4/8/24 and 5/15/24

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 any changes to the impairments and/or receiving waters based on the final 2022 303(d) List. The changes described did not add, remove, or change any receiving waters or impairments.

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: Think Blue Connecticut River Website

Message Description and Distribution Method:

The Think Blue Connecticut River website is at the core of all regional messaging about stormwater. The website at www.thinkblueconnecticutriver.org does the following:

- Covers major areas of messaging about reducing polluted stormwater flows, including lawn and yard care, pet waste management, car care, controlling soil erosion, soaking up the rain, and septic system care
- Addresses the key 4 audiences plus educators
- Serves as the “landing place” for information on nearly all social media messaging

In the past year, PVPC has added to the Think Blue Connecticut River website a design library of green infrastructure stormwater management facilities prepared under an EPA-MassDEP Clean Water Act Section 604b grant. The 5 stormwater control facilities featured in the design library were selected by an advisory group of public works officials in the region as most easy to integrate into municipal projects and to maintain for long-term performance. In addition to the “pull from the shelf” technical drawings, the design library includes a corresponding set of performance and cost optimization tables. All 5 designs address the water quality issues in the Connecticut River watershed.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

A total of 3,137 people visited the Think Blue Connecticut River website during Year 6 and spent an average of 31 seconds on viewing pages on stormwater best practices. Beyond the web analytics reported below on specific messages, there were the following views of the general audience pages on the Think Blue Connecticut River website:

Residents views = 62; Businesses and Institutions views = 58; Developers views = 161; Industries views = 27; and Educators views = 53.

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:

As indicated in previous annual reports, the website was not mentioned in the NOI and SWMP, but it has been central to all messaging in the region, providing additional information and resources on key topics.

BMP: Proper management of pet waste (at time of licensing and summer)**Message Description and Distribution Method:**

Message description and distribution method: Pet waste messaging in Year 6 occurred at time of licensing and during the summer months and was based on the message: “Think picking up Spike’s poop is gross? Try swimming in it.” In part, the aim of messaging has been to drive people to the pet waste pick up pledge on the Think Blue Connecticut River website.

At time of licensing

Messaging included a slide for use by local cable access television stations, and an e-mail message to municipal clerks/dog officers providing materials for use in the licensing process.

The cable access message was simplified based on feedback from cable tv stations on a Year 5 fall leaf litter messages. This message in Year 6 on pet waste also focused specifically on communicating that pet waste should be put in a trash bin. Public works officials on the Connecticut River Stormwater Committee had stressed the importance of this point because they are frequently finding bagged pet waste in catch basins.

Materials provided to municipal clerks and licensing officers was based on a survey done in Year 3 about what might be the most effective methods for messaging through their licensing process.

Targeted Audience: Residents

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

During time of licensing The cable access message went to 18 local stations Summer Messaging reached 53,437 people in Stormwater Committee communities with 840 individuals clicking on the “Pledge” button to go to the Pick Up Poop pledge on the Think Blue Connecticut River website. Analytics for the Think Blue Connecticut River website, indicate that there were another 176 people went to the pet waste landing page on the Think Blue Connecticut River website.

Message Date(s): The social media message ran on Facebook and Instagram for eight days from June 24 to July 1, 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:

The NOI/SWMP indicated pet waste messaging only in summer months as PVPC understood that messaging under the Appendixes could be combined. EPA has indicated that additional messaging to dog owners “at time of licensing” is required. Messaging at time of licensing was added, starting in Year 2, along with additional messaging on pet waste during “stay at home” orders with the pandemic (given the increased visibility of associated problems).

BMP:Proper septic system care

Message Description and Distribution Method:

Paid placement social media messages at the start of the summer targeted people in Connecticut Stormwater Committee zip codes who had identifiers that match “septic tank.” Messaging involved running paid placement on Facebook and Instagram from May 31 to June 7, 2024. The add provides a link to a great infographic on septic system maintenance developed by Whatcome County Public Works and Health Department.

Targeted Audience: Residents

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

The social media ad on Facebook and Instagram reached 55,586 people whose interest matches “Septic Tank” in Connecticut Stormwater Committee zip codes. There were 1,568 clicks on the ad’s “Learn More” button which links to the Think Blue Connecticut River website septic system landing page.

Message Date(s): The social media ad ran between May 31 to June 7, 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:

The NOI/SWMP indicated septic system messaging would be done in Year 3 only as MS4 permit language in Appendix H was not entirely clear on the timing of this message. EPA has since indicated that septic system messaging must occur each year. The Connecticut River Stormwater Committee adjusted accordingly, starting in Year 2.

BMP:Geese and waste management

Message Description and Distribution Method:

Reprinted and updated letter from Year 4—signed by Connecticut River Stormwater Committee Chair and Vice Chair—to property owners identified as having goose problems. The letter recommends specific strategies and resources, including signage to discourage people feeding geese and strategies to managing “residential” goose populations. Contact information for USDA Wildlife Services officials in Amherst is offered as a source of technical assistance and operational management. Also included in the letter are two illustrations of landscaping along water's edge to provide idea of modifications that could help to reduce direct stormwater flows and creates barriers for goose movement from water to foraging area. For Year 6, the distribution list included 31 land owners identified by Committee members with likely ongoing goose issues.

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: PVPC staff and member municipalities

Measurable Goal(s):

Letters sent to 31 property owners with likely ongoing goose problems (animals that are “residential” to the area and not migratory).

Message Date(s): June 20, 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: Disposal of grass clippings and proper use of slow-release fertilizers #1

Message Description and Distribution Method:

The first message involved a 30-second radio announcement that ran on local radio stations from April 8 through July 6, 2024 with a total of 216 spots aired in the region on WRSI, WHMP, and Lazer 99.3.

The radio message read as follows:

It's lawn care season!

So remember, what you put on your lawn and garden can wash with the next rainstorm to our rivers and lakes.

Here's two tips for better lawn care:

- One: Test your soil! Find out what your lawn needs before spending money on product. UMass Extension offers testing.
- Two: Leave grass clippings where they fall! When mowing, this will put nutrients back into your lawn naturally.

Healthy lawns, healthy waters.

Brought to you by the Connecticut River Stormwater Committee. Learn more at Think Blue Connecticut River.org

Targeted Audience: Residential and business/institutions/commercial facilities owners

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

The radio message reached a total estimated audience of 65,000 people per week. Analytics for the Think Blue Connecticut River website page on lawn care, indicate that there were a total of 48 views on the website landing page

72 spots on each WHMP and WRSI between 4/8 through 4/27/24
Message Date(s): 48 spots on Lazer between 6/19 through 6/29/24

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: Disposal of grass clippings and proper use of slow-release fertilizers #2

Message Description and Distribution Method:

The second message involved an updated letter that went to 130 landscaping companies operating in the region. The letter, signed by the Connecticut River Stormwater Committee Chair and Co-chair, continued to emphasize two important strategies:

1. Leave grass clippings where they fall. Of course, you want to leave things nice and neat for your clients, but let them know that grass clippings left on the lawn will decompose, returning valuable nutrients back into the soil. This will save them money by reducing the need for applied fertilizer and promote a healthier lawn. To make best use of this free, natural fertilizer: mow high according to the grass species and use of the turf, do not remove more than 1/3 of the blade per mowing event, and mow when grass is dry.
2. Test your client's soil. A soil test lets you know more specifically what your client's lawn and garden need for nutrients so that you don't waste time and money. UMass Extension provides soil testing services. See: <http://umass.edu/soiltest> If a soil test shows your client's lawn needs nutrients, go for slow-release fertilizers. These products more effectively deliver what plants need and don't wash off as easily as chemical fertilizers. Also, take the time to understand how much and when and where to apply fertilizers.

Targeted Audience: Business/institutions/commercial facilities

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

Letter – sent to 130 landscaping companies in the region

Message Date(s): Letter - sent June 6, 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: Proper disposal of leaf litter

Message Description and Distribution Method:

For Year 7, PVPC and its members will update and repeat all messaging on proper disposal of leaf litter to both audiences as provided in Year 5. Given the election season this fall, however, there will be no related social media messaging. In past election seasons, there has been heightened security around social media and the work to get through barriers to post has been extremely time consuming. With the U.S. presidential election this fall, it is anticipated that these issues will only be compounded.

Targeted Audience: Businesses, residents, institutions and commercial facilities

Responsible Department/Parties: PVPC staff and Connecticut River Stormwater Committee members

Measurable Goal(s):

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:River/Road Flooding in Town - Facebook Post

Message Description and Distribution Method:

A Facebook post detailing road flooding due to heavy precipitation and the importance of stormwater management.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

4,122 post impressions

3,560 post reach

1,840 post engagement

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:

Opportunity for additional messaging.

BMP:Stormwater News: Catch Basins - Facebook Post

Message Description and Distribution Method:

A Facebook post detailing received concerns from residents regarding basement flooding in relation to catch basins and drain pipes in need of maintenance. Post educated on the function and importance of catch basins in Southampton, the high groundwater table that had the potential to cause basement flooding, and created an opportunity to detail Southampton's schedule and commitment to the maintenance of its catch basins and MS4 system.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

2,127 post impressions
1,951 post reach
307 post engagement

Message Date(s): 3/14/2024

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:

Opportunity for additional messaging.

BMP:Stormwater News: Catch Basins Follow-Up - Facebook Post

Message Description and Distribution Method:

Provided additional information on catch basins and the groundwater table in anticipation of a storm with predicted high rainfall.

Targeted Audience: Residents

Responsible Department/Parties: Town of Southampton

Measurable Goal(s):

8 likes
1 share

Message Date(s): 4/3/2024

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:

Opportunity for additional messaging.

BMP:Street Sweeping - Facebook Post

Message Description and Distribution Method:

Provided information related to Southampton's street sweeping schedule and the importance of regular street sweeping.

Targeted Audience: Residents

Responsible Department/Parties: Town of Southampton

Measurable Goal(s):

114 post impressions

1,311 post reach

95 post engagement

Message Date(s): 4/8/24

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:

Opportunity for additional messaging.

BMP:Drug Take Back Day - Facebook Post

Message Description and Distribution Method:

Facebook post to inform regarding Southampton's Drug Take Back Day on April 27th.

Targeted Audience: Residents

Responsible Department/Parties: Town of Southampton

Measurable Goal(s):

2 likes

2 shares

Message Date(s): 4/26/24

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:

Opportunity for additional messaging.

BMP:Composting - Facebook Post

Message Description and Distribution Method:

Facebook post to provide information on proper composting and the proper disposal of food waste, yard waste, and grass clippings.

Targeted Audience: Residents

Responsible Department/Parties: Town of Southampton

Measurable Goal(s):

352 post impressions

288 post reach

12 post engagement

Message Date(s): 5/15/24

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:

Opportunity for additional messaging.

[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 had a public presentation on the updated SWMP at the Select Board meeting on May 14, 2024 for public comment. The Town Facebook page regularly shares posts with information for residents on DPW activities, stormwater, recycling, and water conservation.

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:**

Household Hazardous Waste Collection is not provided by the Town, but available year-round at the NEDT Collection Center in Westfield, MA.

The Highway Department periodically participates in the American Rain Barrel Community Program to offer discounted rain barrels to residents.

The Transfer Station utilizes Recycling Dividend Program funds to periodically offer compost bins at a subsidized price of \$25 to residents year-round.

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:

Southampton has completed its catchment investigations, so therefore the Town's MS4 Phase II mapping has been field verified and this requirement is considered complete. Revisions to Southampton's Phase II mapping will continue in future permit years if any observations are made during regular maintenance of its MS4 or as Southampton's MS4 is altered due to future projects.

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:

Dry weather outfall screenings were completed in 2020 (PY2).

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:

There are no problem outfalls or catchments identified in Southampton. Based on the relatively low density of development within the urbanized area of Southampton, which itself consists of several small, discrete areas across Town, the stormwater system networks are small and contain no key junction manholes. Dry weather catchment investigations were not applicable to Southampton's MS4 according to the description in the Town's Catchment Investigation Procedure.

Wet weather outfall screenings were completed in Permit Year 5 in September 2022. There were no indicators of illicit discharges. Wet weather outfall screening sampling results are included as an attachment in the Permit Year 5 Annual Report.

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: 0

Total number of illicit discharges removed: 0

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:**

Jeremy LaRochelle and Randall Kemp attended Vanasse Hangen Brustlin, Inc. (VHB) training “Illicit Discharge Detection and Elimination” Presented by Annie Bastoni and Nate Pacheco on February 29, 2024.

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: 3

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:

Three permits were issued, no inspections or enforcement actions.

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

Ordinance or Regulatory Mechanism

Date update was completed (due in year 3): 09/21/21

Website of ordinance or regulatory mechanism: <https://www.townofsouthampton.org/government/boards-and-committees/planning-board>

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 of Southampton completed the Street Design and Parking Lot Report in PY3 and intends to begin implementing recommendations in future permit years.

Green Infrastructure Report

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

The Town of Southampton completed the Green Infrastructure Report in PY3 and intends to begin implementing recommendations in future permit years.

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):

A preliminary retrofit inventory was completed in PY3 and is included in Appendix F of the SWMP. As described in the report, as there are only 2 Town-owned properties within the MS4 regulated area, both with limited impervious area. The Town will focus on identifying stormwater improvement opportunities during roadway projects, particularly those adjacent to Pequot Pond and/or Manhan River.

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.

The East Street Bridge is a MS4 project outside of Southampton's mapped urbanized area that included the implementation of BMPs such as a Stormwater quality unit and vegetated swale / check dams structure where there was previously untreated stormwater that discharged from a pipe directly into the Manhan River.

The Town of Southampton has identified a demonstration BMP project on Clark Street adjacent to the baseball field and has completed a 40% conceptual design. Funding resources have been limited to complete the project, but Southampton will be exploring options for continuing its demonstration BMP in Permit Year 7.

Additionally, Southampton has created and maintains a BMP Retrofit Inventory for future potential retrofit projects.

MCM6: Good Housekeeping

Catch Basin Cleaning

*Below, report on the number of catch basins inspected and cleaned, along with the total volume of material removed from the catch basins **during this reporting period**.*

Number of catch basins inspected:

Number of catch basins cleaned:

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

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

Total number of catch basins:

If applicable:

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

Street Sweeping

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

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

Stormwater Pollution Prevention Plan (SWPPP)

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

Number of site inspections completed:

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

Housekeeping issues are addressed – for example, oil leaks on vehicles taken in for service and garage floor cleaned with sorbent material such as speedi-dri. Salt storage shed inspected. Actions at Transfer Station include (but not limited to) inspection of landfill cover for erosion and litter pickup around the perimeter of the facility and along the roadway adjacent to the facility.

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.

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 2024

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:

Randall Kemp

Title:

Highway Superintendent

Signature:

Randall Kemp
Digitally signed by Randall Kemp
Date: 2024.09.30 13:28:13 -04'00'

Date:

*[Signatory may be a duly authorized
representative]*

Note: When prompted during signing, save the document under a new file name.

Annual Report Submission

Please submit the form electronically via email to both EPA and MassDEP by clicking on one of the links below or using the email addresses listed below. Please ensure that all required attachments are included in the email and not attached to this PDF.

EPA: stormwater.reports@epa.govMassDEP: Stormwater.DEP@mass.gov

Paper Signature:

If you did not sign electronically above, you can print the signature page by clicking the button below.

[Print Signature Page](#)

Optional: If you did not sign electronically above, you may lock the form by clicking the "Lock Form" button below which will prompt you to save the locked version of the form. Save this locked version under a new file name.

[Lock Form](#)