

# 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>

<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 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
			<b>Clear Impairments and TMDLs</b>

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:

1. Although not specifically listed in a public notice, the SWMP is available for review on the Town's website and comments are encouraged.
2. An employee training program was established during year 4 that uses training videos developed by Know the Flow, a water resources management initiative that provides public information and coordination among Anoka County Minnesota agencies, communities and water management organizations.

**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:

The Town of Cohasset has contracted with the North and South Rivers Watershed Association to manage the Public Education and Outreach component of the Permit. Based on the information provided by the Watershed Association, we assume that the above is correct

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

Throughout Year 7 the Town will continue to review the implementation of its SWPPPs to ensure that they are being fully followed and to make any modifications as determined to be required.



### **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:

## 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: School Program: Stormwater and Conservation Messaging**

Message Description and Distribution Method:

School Program: Stormwater and Conservation Messaging - Groundwater model, watershed model, cleaning dirty water, and more, taught to elementary school students and parent volunteers in school program

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

School programs are in-person now. We have a series of videos and the Watershed Jeopardy game that the teachers use before our live visit. The curriculum consists of 6 hands-on educational activity stations, plus a packet of supplemental materials to go with the program. There were 105 students who participated in the program in 1 school visit. In a sample survey, 58% of the students understood where their water comes from, the importance of conserving water, and how pollutants affect water quality before the program, and 91% understood the concepts after the program. A press release went out to the town, The Globe, the Patriot Ledger, Wicked Local, and the Cohasset Mariner. There were 775 views on the school program web page which has the virtual videos. The program was also posted on the NSRWA Facebook page and the Cohasset Pinboard page.

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:

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#### **BMP: Regional Rain Barrel Sale**

Message Description and Distribution Method:

Regional Rain Barrel Sale - Education about water conservation and the reduction of stormwater from impervious surfaces

Targeted Audience:

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

A press release went out to the town, The Globe, the Patriot Ledger, Wicked Local, and the Cohasset Mariner. There were 9,382 web page views. A Facebook post was made on the NSRWA page that had a reach of 14,330 people and 1,048 engagements. It was also posted on the Cohasset Pinboard page. There was a \$50 boost of the Facebook ad targeted to Cohasset that resulted in 9,200 people reached, and 338 engagements. Posts were also made on Instagram. Information about the sale went out in the NSRWA E-newsletter to 11,500+ subscribers. There were 81 rain barrels sold with 1 sold to a resident of Cohasset.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 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:

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### **BMP: Gardening Green Expo**

Message Description and Distribution Method:

Gardening Green Expo - Regional event for WaterSmart South Shore Communities that provides information on how residents can reduce stormwater from better landscaping practices.

Targeted Audience: Residents

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

Gardening Green Expo was a virtual and live event this year. We had 5 Zoom lectures with 450 attendees. The featured speaker was renowned author Doug Tallamy. The live event at Kennedy's Country Gardens had 4 live speakers, 30 vendor tables, and 400 attendees. There were multiple posts on the NSRWA Facebook and Instagram pages. There was a \$50 boosted Facebook ad that resulted in 14,653 people reached, and 624 engagements. There have been 5,869 web views and 1,574 YouTube views to date.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 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:

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### **BMP: Greenscapes Guide**

Message Description and Distribution Method:

Greenscapes Guide - Digital download of landscaping techniques that reduce stormwater pollutants

(fertilizers, pesticides, herbicides)

Targeted Audience: Residents

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

The downloadable Greenscapes Guide was promoted online and on the NSRWA Facebook page. Posts were also made on Instagram. The web page has had 1,100 views to date. The post had a reach of 3,821 people and 193 engagements. It was also promoted on the Cohasset Pinboard Facebook page. There was a \$50 boost of the Facebook ad targeted to Cohasset that started on June 12 and will run through July 12. To date, that post resulted in 401 people reached, and 42 engagements. There were 65 downloads so far, with 5 from Cohasset.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 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:

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#### **BMP:MS4 Message**

Message Description and Distribution Method:

MS4 Message - Fertilizer for May/June

Targeted Audience: Residents

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

A fertilizer message was posted on the NSRWA Facebook page in April. The fertilizer message had a reach of 25,100 people and 3,105 engagements. It was also posted to the Cohasset Pinboard Facebook page. The Facebook post was boosted in April with a \$50 ad targeted to Cohasset, that ran for 30 days. That boosted ad had a reach of 3,344 people reached and 309 engagements. There were also 6 page views on the Know Before You Mow! web page, 92 page views on the Best Mowing Practices web page, and 481 page views on the Stormwater web page.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 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:MS4 Message**

Message Description and Distribution Method:

MS4 Message - Grass Clippings in June

Targeted Audience: Residents

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

The grass clipping message was sent out in our E-newsletter to 12,500+ people. 58 people clicked on the link in the article that led to our Greenscapes page. That page has had 1,100 views to date. The message was posted on the NSRWA Facebook page and on the Cohasset Pinboard Facebook page. The NSRWA post ran on June 13, and had a reach of 403 people and 25 engagements to date.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 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:

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**BMP:Pet Waste Education**

Message Description and Distribution Method:

Pet Waste Education - Printed Scoop It cards, web article, press release, and social media posts for June

Targeted Audience: Residents

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

Pet waste Scoop It cards are being distributed to the town clerk's office (100), Crazy Paws Veterinary Hospital (100), and Fetch 02025 pet store (100). A post was created and posted on the NSRWA Facebook page and on the Cohasset Pinboard Facebook page. On June 20, the NSRWA post had 4,754 people reached and 797 engagements. There was a \$50 boost of the Facebook ad targeted to Cohasset that started on June 18 and will run through July 18. An article is being written on the Dog Waste Problem on the South Shore. This will be sent to The Globe, the Patriot Ledger, Wicked Local Cohasset, and the Cohasset Mariner. The pet waste message is also being sent out in our E-newsletter to 12, 500+ people.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 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:

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**BMP:Septic Maintenance**

Message Description and Distribution Method:

Septic Maintenance - Maintenance of septic systems, corresponding with SepticSmart week in September

Targeted Audience: Residents

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

A press release to went out to the town, The Globe, the Patriot Ledger, Wicked Local Cohasset, and the Cohasset Mariner. A post was made on the NSRWA Facebook page in September. A \$50 Facebook ad was targeted to Cohasset with a reach of 6,934 people and 295 engagements. There have been 912 web page views to date.

Message Date(s): 2019, 2020, 2021, 2022, 2023, 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:

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**BMP:MS4 Message**

Message Description and Distribution Method:

MS4 Message - Leaf Litter message in October

Targeted Audience: Residents

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

A message about leaf litter was posted on the NSRWA Facebook page in October. The message had a reach of 42,956 people, and 4,233 engagements. The Facebook post was boosted with a \$50 ad targeted to Cohasset with a reach of 6,707 people and 269 engagements. There were also 98 page views on the Best Mowing Practices web page, and 481 page views on the Stormwater web page.

Message Date(s): 2019, 2020, 2021, 2022, 2023, 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:

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### **BMP:Proper Sediment and Erosion Control Management**

Message Description and Distribution Method:

Proper Sediment and Erosion Control Management - Provided by Building and Conservation departments at permit request

Targeted Audience: Developers (construction)

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

A brochure entitled Construction Stormwater Pollution Prevention Guide was created and delivered to the Building and Conservation departments. These brochures will be handed to the person when they receive their permit. There were 500 distributed to the town of Cohasset initially, and we are currently replenishing their supply.

Message Date(s): 2019, 2021, 2022, 2023, 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:

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### **BMP:Enter to Win a Rain Garden Seed Kit Contest with Questions**

Message Description and Distribution Method:

Enter to Win a Rain Garden Seed Kit Contest with Questions - Press release, social media post, web page

Targeted Audience: Residents

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

We held a Rain Garden Seed Kit Contest with education on how to build a rain garden. The contest was posted on the NSRWA Facebook page in September. The post had a reach of 28,259 people and 2,898 engagements. The Facebook post was boosted with a \$50 ad targeted to Cohasset with a reach of 3,794 people and 183 engagements. There were 2,590 web page views and 236 entries, with 3 entries from Cohasset. All entrants were asked 3 multiple choice questions referring back to the information on the contest web page. The correct answers were then sent back as a response email after the person registered. We also sent links so that people could download other rain garden resources. 50 winners were chosen and sent a seed kit containing 5 types of native seeds from Blue Stem Natives.

Message Date(s): 2021, 2022, 2023, 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:

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### **BMP:Proper Management of Waste Materials and Dumpsters**

Message Description and Distribution Method:

Proper Management of Waste Materials and Dumpsters - Web page, social media post, educational video, and Free Dumpster Maintenance and Waste Materials Checklist

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

We created a Best Practices Checklist for Proper Management of Waste Materials and Dumpsters. This downloadable file was posted on a WaterSmart web page with 131 views and 4 downloads. We also created an educational video that was posted on our website and Facebook page. It was also posted on 16 South Shore business and industry Facebook groups, with a combined reach of 41,800+. It was also run on the Cohasset Pinboard Facebook page.

Message Date(s): 2022, 2023, 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:

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### **BMP:Parking Lot Maintenance**

Message Description and Distribution Method:

Parking Lot Maintenance - Web page, social media post, educational video, and Free Parking Lot Maintenance Checklist

Targeted Audience: Businesses, institutions and commercial facilities

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

We created a Best Practices Checklist for Parking Lot Maintenance. This downloadable file was posted on a WaterSmart website page with 140 views to date. We also created an educational video that was posted on our

website and Facebook page. It was also posted on 16 South Shore business and industry Facebook groups, with a combined reach of 41,800+. It was also posted on the Cohasset Pinboard Facebook page.

Message Date(s): 2022, 2023, 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:

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### **BMP:Low Impact Development Information Targeted to Developers**

Message Description and Distribution Method:

Low Impact Development Information Targeted to Developers - Reduction of impervious surfaces, use of alternatives to paving, decentralized approach to stormwater, rain gardens, swales, bioretention

Targeted Audience: Developers (construction)

Responsible Department/Parties: North and South Rivers Watershed Association as part of the WaterSmart reg

Measurable Goal(s):

A brochure on Low Impact Development was created and delivered to the Building and Conservation departments in 2023. The town of Cohasset received 500 in the initial delivery. These will be handed out with permits. The supply is being backfilled for 2024. We created a web page that had 98 views so far. It was also posted on the NSRWA Facebook page in June with a reach of 386 people and 24 engagements to date.

Message Date(s): 2023, 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:

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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 SWMP continues to be available for viewing on the Town's website (<https://www.cohassetma.org/166/Conservation-Commission-Office>). Comments are encouraged.

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:**

### **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:

The Town has been continuing to update its mapping and with a goal of having the Phase II map completed by the end of Year 10. The above listed 50% completion is an estimate.

#### **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:*

The Town has historically hired interns to perform outfall screening and it is estimated that 95% of the Town's outfalls have been screened. All information has been uploaded into the Town's GIS where it can be viewed.

The Town's GIS is managed by an outside consultant and they were not available to provide a link to the GIS mapping or a summary of the total number of outfalls screened during the permit period at the time of this submission. That information will be made available as soon as possible.

### **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:*

It is our understanding that this question is related to the follow-up assessments, including wet weather sampling requirements. The Town is planning to begin catchment investigations during Year 6 as funding becomes available with the goal of completing the investigations by the end of Year 7 for Problem Outfalls and by Year 10 for High and Low Priority Outfalls.

### **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 initiated a training program in Year 4, and with the help of our consultant, will be considering modifications to the program during Year 7.

### **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:

Enforcement actions are inclusive of Show Cause Hearings and written notices, Cease and Desist written notices, erosion and sedimentation control, catch basin cleaning, and site restoration measures.



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

### Ordinance or Regulatory Mechanism

Date update was completed (due in year 3): 11/16/2011 & amended 5/24/21

Website of ordinance or regulatory mechanism: <https://www.cohassetma.org/DocumentCenter/View/5315/Stormwater-Management-Bylaw>

### As-built Drawings

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

Number of as-built drawings received: 16

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

As Built Site Plans were reviewed in conjunction with a Certificate of Completion Request for a Stormwater Permit.

### 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:

Cohasset, through its consultant, continues to evaluate its local regulations and guidelines and recommendations are expected to be complete by the end of 2024.

### Green Infrastructure Report

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

The use of green infrastructure is encouraged through existing bylaws and regulations at all projects within the Town. Cohasset, through its consultant, continues to evaluate its local regulations and guidelines and recommendations additional recommendations to further encourage LID use are expected by the end of 2024.

### **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):

Cohasset has historically been proactively aggressive in locating and constructing stormwater BMPs throughout the Town using both Town and grant funding. During the Year 7 we will look continue to look into additional sites where BMPs could be constructed to add to our list of locations.

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.

## **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:

N/A

**Street Sweeping**

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

- ☐ Number of miles cleaned:
- ☐ Volume of material removed:
- ☐ Weight of material removed:

**Stormwater Pollution Prevention Plan (SWPPP)**

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

Number of site inspections completed:

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

N/A

**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.

**Additional Public Education Actions:**

1. WaterSmart MS4 Erosion Control and LID pamphlets have been distributed with both wetlands and stormwater permits since 7/1/23.
2. Pamphlets are also available at Town Hall in the Building Department (front desk).
3. A draft copy of the assessment of street and parking lot design criteria as well as the evaluation of the Town's bylaws and regulations as they relate to green infrastructure practices has been developed and a final copy is anticipated at the end of 2024.
4. Cohasset has historically been aggressive in constructing stormwater BMPs in locations throughout the Town using both Town and grant funding. We will continue to investigate any additional locations that may benefit from the addition of a stormwater BMP.

## **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.

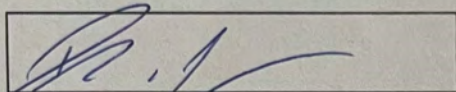
Name:

BRIAN TORCE

Title:

DIRECTOR PUBLIC WORKS

Signature:



Date:

9/30/24

*[Signatory may be a duly authorized representative]*