

Year 3 Annual Report

Massachusetts Small MS4 General Permit

Reporting Period: July 1, 2020-June 30, 2021

****Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form****

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, 2020 and June 30, 2021 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization: Town of Cohasset

EPA NPDES Permit Number: MAR041032

Primary MS4 Program Manager Contact Information

Name: Brian Joyce

Title: Director of Public Works

Street Address Line 1: 41 Highland Ave

Street Address Line 2: N/A

City: Cohasset

State: MA

Zip Code: 02025

Email: engineering@cohassetma.org

Phone Number: (781) 383-4100

Stormwater Management Program (SWMP) Information

SWMP Location (web address): <https://www.cohassetma.org/166/Conservation-Commission-Office>

Date SWMP was Last Updated: 9/17/20

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.

Year 3 Requirements

- ☐ Inspected and screened all outfalls/interconnections (excluding Problem and Excluded outfalls)
☐ Updated outfall/interconnection priority ranking based on the information collected during the dry weather inspections as necessary
☐ Post-construction bylaw, ordinance, or other regulatory mechanism was updated and adopted consistent with permit requirements

Optional: If you would like to describe progress made on any incomplete requirements listed above, provide any additional information, and/or if any of the above year 3 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:

Cohasset employs interns to conduct the outfall screening tasks and they were reportedly 50% complete with the dry weather screening activities prior to the June 30 end of the permit year. Completion of the tasks have been delayed due to COVID-19 restrictions, as well as due to the significant rain that occurred during the summer months.

Since the dry weather inspections have been delayed as described above, completion of the updated priority ranking has also been delayed. Due to Cohasset Harbor, Cohasset Cove, The Gulf and Little Harbor all being impacted by bacteria, outfalls that discharge to those waters have been classified as Problem Outfalls and per the permit, those outfalls are excluded from screening.

The Town's existing stormwater bylaw and regulations generally covers all of the post-construction requirements established in the 2016 permit and therefore, updates were not made to either document during this reporting period. However, the Town is again reviewing both the bylaw and regulations and is

considering adopting one of the templates that were created for the stormwater bylaw and regulations to ensure that both documents better work together and to create a smoother permitting, approval, inspection, etc. process that meets the 2016 permit requirements. If the Town does elect to change the documents, the bylaw will be presented at the 2022 spring Town Meeting.

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 website:
- ☒ Properly stored and disposed of catch basin cleanings and street sweepings so they did not discharge to receiving waters
- ☐ Provided training to employees involved in IDDE program within the reporting period
- ☒ All curbed roadways were swept at least once within the reporting period
- ☒ Updated system map due in year 2 as necessary
- ☒ 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, provide any additional information, and/or if any of the above annual 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:

Due to COVID-19 restrictions, opportunities for public participation in the review and implementation of SWMP were limited, but information related to the MS4 program is available on the Town's website.

Due to COVID-19 meeting restrictions formal training was not performed during the permit year but is planned for the fall of 2021.

System mapping is regularly updated as information is collected. It is expected that this will be an ongoing task.

O&M programs were created and maintenance procedures for permittee-owned facilities and infrastructure were implemented but due to COVID-19-related restrictions on staffing, these programs were not fully completed. DPW staff worked for a majority of the time on half-staff shifts to increase social distancing and focused on the most critical public safety functions like plowing, road patching, hazardous tree removals, trash/recycle processing, COVID operations (signage/barriers) etc.

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

** 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.

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

N/A

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 curriculum, programs, press release, social media post

Message Description and Distribution Method:

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

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Due to the Covid-19 pandemic, the school program continued to be virtual. Environmental Educator Brian Taylor created a new series of videos on the school program content that teachers used with their students. The teachers also had the Watershed Jeopardy game to play with the students. All of the teachers were also given a packet of supplemental materials to go with the program. There were 92 students who participated in the program. In a sample survey, 60% of the students understood where their water comes from, the importance of conserving water, and how pollutants affect water quality before the program, and 90% understood the concepts after the program.

A press release also went out to the town, The Globe, the Patriot Ledger, Wicked Local, and the Cohasset Mariner. In addition, there were 371 views on the school program web page and 270 views on the NSRWA YouTube channel. The videos were also posted on the NSRWA Facebook 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:

BMP: Press release, social media post, flyer, web page

Message Description and Distribution Method:

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

Targeted Audience: Residents

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

Measurable Goal(s):

Due to the Covid-19 pandemic, the school program continued to be virtual. Environmental Educator Brian Taylor created a new series of videos on the school program content that teachers used with their students. The teachers also had the Watershed Jeopardy game to play with the students. All of the teachers were also given a packet of supplemental materials to go with the program. There were 92 students who participated in the program. In a sample survey, 60% of the students understood where their water comes from, the importance of conserving water, and how pollutants affect water quality before the program, and 90% understood the concepts after the program.

A press release also went out to the town, The Globe, the Patriot Ledger, Wicked Local, and the Cohasset Mariner. In addition, there were 371 views on the school program web page and 270 views on the NSRWA YouTube channel. The videos were also posted on the NSRWA Facebook page.

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

The program is normally conducted in person

BMP:Special event, festival, fairs

Message Description and Distribution Method:

Gardening Green Expo - Regional event for WaterSmart South Shore Communities that provides information on how residents can reduce stormwater pollution 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):

Due to the Covid-19 pandemic, the Gardening Green Expo had to go virtual. We had a week long event with live sessions each day as well as prerecorded speaker videos. There were 639 live attendees, as well as 1,007 YouTube viewers. We put speaker videos online and we had 4,170 web page views. We took orders for rain barrels, had downloadable water saving plant lists, and also reposted last years' speaker videos. We also had a drawing for free products and prizes including a custom water-saving garden design and 115 people registered for that drawing.

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

The program is normally conducted in person

BMP:Brochures and pamphlets, social media posts

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):

Due to the Covid-19 pandemic, the Greenscapes Guide could not be handed out at Gardening Green Expo. The downloadable Greenscapes Guide was promoted online and on the NSRWA Facebook page. It was also promoted on the Cohasset Pinboard Facebook page. There were 118 total downloads with 5 from Cohasset.

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

The program is normally conducted in person

BMP:Social media posts

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 message about fertilizer was posted on the NSRWA Facebook page in May. The You're Just Not Fertilizing the Lawn! post had a reach of 32,922 people and 2,697 engagements. The post was boosted in Cohasset for \$50/10 days with a reach of 1,704 people, and 63 engagements. There were also 209 page views on the stormwater web pages.

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

BMP:Social media posts

Message Description and Distribution Method:

MS4 messages - 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):

A grass clippings message was posted on the NSRWA Facebook page in June. The grass clippings message had a reach of 121,097 people and 24,424 engagements. It was also posted to the Cohasset Around Town News, Events and Business Shout-Outs Facebook page. There were also 16 page views on the Know Before You Mow! web page, 101 page views on the Best Mowing Practices web page, and 209 page views on the stormwater web pages.

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

BMP:Brochures and pamphlets, social media posts, press release

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 were 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. An article was written on Addressing the Dog Waste Problem on the South Shore. This was sent to The Globe, the Patriot Ledger, Wicked Local, and the Cohasset Mariner. There was also a live interview done on WATD. There were 66 page views on The Problem of Dog Waste on the South Shore web page, and 243 page views on the Pet Waste Education page.

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

BMP:Press release, social media post, web page, brochure

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 on septic maintenance went out to the town, The Globe, the Patriot Ledger, Wicked Local, and the Cohasset Mariner. A Facebook post was boosted in September with a \$50 ad targeted to Cohasset with a reach of 8,146 people and 324 engagements.

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

BMP:Social media posts

Message Description and Distribution Method:

MS4 messages - DON'T BLOW IT!

Don't blow, sweep or dump leaf litter and yard waste into streets or storm drains. Social media posts for 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 Don't Blow It! message had a reach of 32,252 people and 3,431 engagements. The Facebook post was also boosted in Cohasset with a \$50 ad for 10 days with a reach of 2,930 people and 132 engagements.

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

BMP:Brochure to be handed out with permits in towns

Message Description and Distribution Method:

Proper Sediment and Erosion Control Management - Provided by Planning, Conservation, Building Department 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 all of the town departments that issue permits, including Building and Conservation. These brochures will be handed to the person when they receive their permit. The town has been contacted to see if they need additional brochures for this year.

Message Date(s): 2019, 2021

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:Press release, social media post, web page

Message Description and Distribution Method:

Public Art Project (August) - We will provide a custom painted wall hanging painted by area artists to be raffled in each town and online, and there will be an education piece on stormwater and how storm drains empty unfiltered directly into our water bodies.

Targeted Audience: Residents

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

Measurable Goal(s):

Metrics to come, scheduled for August 2021. We will provide a custom painted wall hanging painted by area artists to be raffled online. There will be an education piece on stormwater and how storm drains empty unfiltered directly into our water bodies to provide education with this raffle.

Message Date(s): 2021

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:

This was added.

BMP:Press release, social media post, web page, brochure mailing

Message Description and Distribution Method:

Proper management of Waste Materials and Dumpsters - Provide education relevant to managing and reducing waste from dumpster waste from entering stormwater

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):

A 6" X 11" postcard was created and mailed to all of the Businesses, Institutions, Commercial Facilities and Industrial Facilities in each town. There was a checklist of best practices on dumpster maintenance for companies to use on the postcard. It also included an online contest for people who respond to the questionnaire. There were 93 postcards mailed in Cohasset.

Message Date(s): 2021

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:

This was added.

BMP:Press release, social media post, web page, brochure

Message Description and Distribution Method:

Parking lot maintenance - Salt storage, sweeping, catch basin cleaning, fleet maintenance

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):

Metrics to come. The permittee shall document in each annual report the messages for each audience; the method of distribution; the measures/methods used to assess the effectiveness of the messages, and the method/measures used to assess the overall effectiveness of the education program.

Message Date(s): 2021

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:

This was added

BMP:Press release, social media post, web page, brochure

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):

The permittee shall document in each annual report the messages for each audience; the method of distribution; the measures/methods used to assess the effectiveness of the messages, and the method/measures used to assess the overall effectiveness of the education program

Message Date(s): 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:

This was added.

BMP:Press release, social media post, web page, brochure

Message Description and Distribution Method:

Parking lot maintenance - Salt storage, sweeping, catch basin cleaning, fleet maintenance

Targeted Audience: Industrial facilities

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

Measurable Goal(s):

The permittee shall document in each annual report the messages for each audience; the method of distribution; the measures/methods used to assess the effectiveness of the messages, and the method/measures used to assess the overall effectiveness of the education program

Message Date(s): 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:

Added

BMP: Press release, social media post, web page, boosted Facebook videos, lawn signs

Message Description and Distribution Method:

Water for People - WMA Grant: BRP 2021-01: Demand Management Outdoor Water Conservation Campaign

Targeted Audience: Residents

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

Measurable Goal(s):

In addition to the other deliverables for the town of Cohasset, the NSRWA also received a WMA Grant on behalf of the WaterSmart towns. For this grant we produced a series of videos, an online pledge, and lawn signs. This campaign will continue through the end of August. As of June 15, there have been 15,250 people reached and 174 engagements on Facebook in Cohasset. There have also been 863 YouTube views.

Message Date(s): 2021

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:

This program was added through a grant.

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:**

Opportunities for public involvement were limited due to the restrictions posed by COVID-19. Information about where the public could view a copy of the SWMP was provided on the Town's Stormwater website (<https://www.cohassetma.org/166/Conservation-Commission-Office>).

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**:

When restrictions are lifted, opportunities beyond the ability to review the SWMP on-site to provide comments will be considered and implemented.

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:

The Town is continuing to update the MS4 System Map as information is collected.

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 outfall screening data is attached to the email submission
- ☐ The outfall screening data can be found at the following 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:

Cohasset employs interns to conduct the outfall screening tasks and they were reportedly approximately 50% complete with the dry weather screening activities prior to the June 30 end of the permit year. Completion of the tasks have been delayed due to COVID-19 restrictions, as well as due to the significant rain that occurred during the summer months.

Collected outfall screening data is currently available for review at the DPW office and the Town is working to make it available for review either through a website or via download in the near future.

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 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:

Catchment investigations are linked to outfall screening and since outfall screening was restricted due to COVID-19, catchment investigations were also restricted. Catchment investigations are expected to continue during Year 4 and will be completed 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 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:

N/A

Employee Training

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

Formal training was not conducted during this reporting period due to COVID-19 restrictions and limitations.

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:

N/A

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

As-built Drawings

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

Number of as-built drawings received:

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

N/A

Street Design and Parking Lots Report

Describe the status of the street design and parking lots assessment due in year 4 of the permit term, including any planned or completed changes to local regulations and guidelines:

To be completed in Year 4.

Green Infrastructure Report

Describe the status of the green infrastructure report due in year 4 of the permit term, including the findings and progress towards making the practice allowable:

To be completed in Year 4.

Retrofit Properties Inventory

Describe the status of the inventory, due in year 4 of the permit term, of permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas and report on any properties that have been modified or retrofitted:

To be completed in Year 4.

MCM6: Good Housekeeping

Catch Basin Cleaning

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

Number of catch basins inspected:

Number of catch basins cleaned:

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

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

Total number of catch basins:

If applicable:

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

Street Sweeping

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

☐ Number of miles cleaned:

☒ Volume of material removed:

☐ Weight of material removed:

Stormwater Pollution Prevention Plan (SWPPP)

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

Number of site inspections completed:

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

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 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:

N/A

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:

N/A

COVID-19 Impacts

Optional: If any of the above year 3 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:

COVID-19 restrictions and implemented staff limitations impacted Cohasset's ability to complete the outfall screening, catchment investigations, catchbasin cleaning/inspections, employee training and SWPPP inspections. DPW staff worked half-shifts for the majority of the reporting period to increase social distancing and focused on the most critical public safety functions like plowing, road patching, hazardous tree removals, trash/recycle processing, COVID operations (signage/barriers) etc. Beginning with the 1st quarter of year 4 of the permit period, the Town will implement socially-distanced SWPPP inspections on a quarterly basis using limited staff or outside consultants.

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

Yes, I agree ☒

- Develop a report assessing current street design and parking lot guidelines and other local requirements within the municipality that affect the creation of impervious cover
- Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist
- Identify a minimum of 5 permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas

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)

Provide any additional details on activities planned for permit year 4 below:

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Part V: Certification of Small MS4 Annual Report 2021

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]*