

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: Town of Rockland

EPA NPDES Permit Number: MAR041058

Primary MS4 Program Manager Contact Information

Name: David Taylor, Jr.

Title: Highway Superintendent

Street Address Line 1: 841 Market Street

Street Address Line 2:

City: Rockland

State: MA

Zip Code: 02370

Email: dtaylor@rockland-ma.gov

Phone Number: (781) 878-0634

Stormwater Management Program (SWMP) Information

SWMP Location (publicly available web address): <https://rockland-ma.gov/474/StormWaterMS4>

Date SWMP was Last Updated: September 2024

If the SWMP is not available on the web please provide the physical address:

The SWMP is located at the Highway Department (841 Market Street, Rockland MA 02370) and the Sewer Department (587R Summer Street Rockland, MA 02370).

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)			
<i>In State:</i>	☐ Assabet River Phosphorus	☒ Bacteria and Pathogen	☐ Cape Cod Nitrogen
	☐ Charles River Watershed Phosphorus	☐ Lake and Pond Phosphorus	
<i>Out of State:</i>	☐ 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:

<https://eeaonline.eea.state.ma.us/portal/dep/cso-data-portal/results?queryString=municipality:ROCKLAND>

- ☒ 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:

Annual Training (IDDE Training) was held on 7/18/2024.

Six (6) SSOs occurred at the wastewater treatment plant on January 10, 2024, January 29, 2024, March 10, 2024, March 24, 2024, March 29, 2024 and April 7, 2024. The discharge/overflow did not affect any surrounding drainage within the area. The discharge/overflow affected the French Stream, located downstream of the wastewater treatment plant. The Town of Rockland has been diligently working with a consultant on treatment plant upgrades in hopes to decrease the amount of SSOs that occur at the treatment plant. The SSOs that occurred at the treatment plant can be found here: <https://eeaonline.eea.state.ma.us/portal/dep/cso-data-portal/results?queryString=municipality:ROCKLAND>

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:

Town is working with their IT department to share pet waste/septic system flyers and information to the BOH, Clerk, Highway pages, etc. where applicable.

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*):

Sediment control

- ☐ 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: 0

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:

BMPs have been installed at the new school Benjamin Phelps Elementary School. The Town is currently working on getting the as-builts for the installed BMPs.

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

The Town has conducted maintenance of open drainage swales and headwalls - placing signage in key locations indicating "Town Drainage - No Dumping, No Parking". This will be an ongoing program, and will expand to other areas of Town.

SSOs occurred at the Wastewater Treatment Plant in the Town. No SSOs occurred within the MS4 system.

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:

In conjunction with the Town's CWSRF asset management program, the Town of Rockland is to conduct catchment investigations in areas where dry weather flow was observed. Catchment investigations are to be started in Fall 2024.

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:

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 172 students who participated in the program in 2 school visits. 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, the Rockland Mariner, and the Rockland Standard. 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 Rockland Hub 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: Regional Rain Barrel Sale

Message Description and Distribution Method:

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, the Rockland Mariner, and the Rockland Standard. 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 Rockland Hub Facebook page. There was a \$50 boost of the Facebook ad targeted to Rockland that resulted in 11,450 people reached, and 682 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 5 sold to residents of Rockland.

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: Gardening Green Expo

Message Description and Distribution Method:

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):

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:

BMP: Greenscapes Guide

Message Description and Distribution Method:

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. 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 Rockland Hub Facebook page. There was a \$50 boost of the Facebook ad targeted to Rockland that started on June 12 and will run through July 12. To date, that post resulted in 417 people reached, and 56 engagements. There were 65 downloads so far, with 3 from Rockland.

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:

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 Rockland Hub Facebook page. The Facebook post was boosted in April with a \$50 ad targeted to Rockland, that ran for 30 days. That boosted ad had a reach of 3,283 people and 329 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:

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 Rockland Hub 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:

BMP: Pet Waste Education

Message Description and Distribution Method:

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). A post was created and posted on the NSRWA Facebook page and on the Rockland Hub 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 Rockland 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, the Rockland Mariner, and the Rockland Standard. The pet waste message will also be 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:

BMP: Septic Maintenance

Message Description and Distribution Method:

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, the Rockland Mariner, and the Rockland Standard. A post was made on the NSRWA Facebook page in September. A \$50 Facebook ad was targeted to Rockland with a reach of 6,252 people and 298 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:

BMP: Leaf Litter

Message Description and Distribution Method:

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 message had a reach of 42,956 people, and 4,233 engagements. The Facebook post was boosted with a \$50 ad targeted to Rockland with a reach of 6,516 people and 264 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:

BMP: Proper Sediment and Erosion Control Management

Message Description and Distribution Method:

Provided by 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 the Building department. These brochures will be handed to the person when they receive their permit. There were 750 distributed to the town of Rockland 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:

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

Message Description and Distribution Method:

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 Rockland with a reach of 4,002 people and 183 engagements. There were 2,590 web page views and 236 entries, with 5 entries from Rockland. 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:

BMP: Parking Lot Maintenance

Message Description and Distribution Method:

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 Rockland Hub 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:

BMP: Low Impact Development Information Targeted to Developers

Message Description and Distribution Method:

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 department in 2023. The town of Rockland received 750 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:

BMP: Stormwater MS4 Webpage

Message Description and Distribution Method:

On the Town's website, a stormwater page with information on the Permit, educational messages, and related reports.

Targeted Audience: Residents

Responsible Department/Parties: Town of Rockland

Measurable Goal(s):

Inform residents of Rockland on the MS4 Permit and Stormwater.

Message Date(s): Ongoing

Message Completed for: Appendix F Requirements ☐ Appendix H Requirements ☒

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

If yes, describe why the change was made:

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 was posted to the Town's Stormwater MS4 page on their website, and residents were encouraged to read through it and send feedback.

Was this opportunity different than what was proposed in your NOI? Yes ☐ No ☒

Describe any other public involvement or participation opportunities conducted **during this reporting period**:

The North and South River Watershed Association (NSWRA) hosted a Gardening Green expo between March 11, 2024 and March 15, 2023 and offered 5 online, interactive workshops. One of the workshops included Composting and Mulching for Climate-Wise Gardening. The Town of Rockland is within the North and South River Watershed and a member of NSWRA.

The fifth graders at Rogers Elementary School learned all about their local water resources by participating in the NSRWA Water All Around You program. Funded by the Town of Rockland, the curriculum is part of the regional WaterSmart program educating both students and parents alike in the importance behind the care and use of our water. A press release by the NSRWA was made on June 12, 2024.

On June 15, 2024, the Town of Rockland held it's 150th Anniversary Parade. At the parade, the Highway Department had a float that advertised the importance of stormwater management.

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:

To assist with the inventory of both the Town's sanitary sewer system and stormwater system, the Town applied for a Clean Water State Revolving Fund (CWSRF) in October 2023. The purpose of the grant was to complete an asset inventory of the Town's existing sanitary sewer and stormwater infrastructure to better understand the utilities existing condition, network connectivity and maintenance needs with the goal of better management of the Town's infrastructure. As part of the implementation of the AMP, fieldwork such as initial condition assessment and utilizing a global positioning system (GPS) to update the location of assets were performed. In conjunction with the AMP and updated mapping, the Town will be able to fully complete catchment investigations. The date of completion of the AMP is December 1, 2024.

Screening of Outfalls/Interconnections

If conducted, please submit any outfall monitoring results from this reporting period. Outfall monitoring results should include the date, outfall/interconnection identifier, location, weather conditions at time of sampling, precipitation in previous 48 hours, field screening parameter results, and results from all analyses. Please also include the updated inventory and ranking of outfalls/interconnections based on monitoring results.

- ☒ No outfalls were inspected
- ☐ The above referenced outfall screening data is attached to the email submission
- ☐ The above referenced outfall screening data can be found at the following publicly available website:

*Below, report on the number of outfalls/interconnections screened **during this reporting period**.*

Number of outfalls screened:

*Below, report on the percent of outfalls/interconnections screened **to date**.*

Percent of outfalls screened:

Optional: Provide additional information regarding your outfall/interconnection screening:

As part of the asset management program, fieldwork such as initial condition assessment and utilizing a global positioning system (GPS) to update the location of the outfalls were performed. The process is still ongoing and is to be completed by December 1, 2024.

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:

Catchment investigations are to be conducted in conjunction with the Town's asset management program. Targeted locations will include areas that had dry weather flow during the asset management program and areas that were either not started or incomplete in fiscal year 5.

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:

Illicit discharge from apartment complex, draining chlorinated pool water directly into the catch basin.

Employee Training

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

The annual training presentation was held on July 18, 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:

Number of inspections completed:

Number of enforcement actions taken: 5

Optional: Enter any additional information relevant to construction site plan reviews, inspections, and enforcement actions:

Enforcement actions included finding erosion and sediment controls that needed to be installed/upgraded, using waddles for control of sediments during and proper removal after construction.

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

Ordinance or Regulatory Mechanism

Date update was completed (due in year 3): 05-07-2018

Website of ordinance or regulatory mechanism: <https://rockland-ma.gov/474/StormWaterMS4>

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:

Projects are still underway and completed. The Town will receive the as-builts once completed.

Street Design and Parking Lots Report

Below, describe any changes made or planned to be made to local regulations and guidelines based on the report completed in Year 4:

The Town has not made any changes.

Green Infrastructure Report

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

The Town has not made any changes.

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):

1. Benjamin Phelps Elementary School
2. Recycling Center / Landfill
3. Highway Department
4. Abington Rockland Joint Water
5. Police Department

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.

BMPs have been installed at the new school Benjamin Phelps Elementary School. The Town is currently working on getting the as-builts for the installed BMPs

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:

Paving around the Highway Facility is scheduled for Fall 2024. Paving around the front of the Recycling Center was completed last July/August to prevent pooling.

An additional SWPPP inspection of the Recycling Center was conducted on August 7, 2024.

Additional Information

Monitoring or Study Results

Results from any other stormwater or receiving water quality monitoring or studies conducted during the reporting period not otherwise mentioned above, where the data is being used to inform permit compliance or permit effectiveness must be attached.

- ☒ Not applicable
- ☐ The results from additional reports or studies are attached to the email submission
- ☐ The results from additional reports or studies can be found at the following publicly available website(s):

If such monitoring or studies were conducted on your behalf or if monitoring or studies conducted by other entities were reported to you, a brief description of the type of information gathered or received shall be described below:

Additional Information

Optional: Enter any additional information relevant to your stormwater management program implementation during the reporting period. Include any BMP modifications made by the MS4 if not already discussed above.

As part of the asset management program, fieldwork such as initial condition assessment and utilizing a global positioning system (GPS) to update the location of the outfalls were performed. The process is still ongoing and is to be completed by December 1, 2024.

With the assistance of the MassWorks Grant, the Town has completed 40% design of infrastructure updates at the intersection Hingham Street and Reservoir Drive. The project is projected to be complete next winter.

At the intersection of VFW and Weymouth Street, the TIP project is under 25% design and includes updates in the drainage system and outfall inventory.

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:

The Town has a consulting company that will assist Rockland with MS4 Permit Requirements that include:

- Continued program meetings with the Town to discuss the MS4 program status.
- Continued annual training to the Rockland Town employees involved in the IDDE program
- Continued Stormwater Management Plan updates, documenting progress made annually
- Continued IDDE catchment investigations and mapping updates (to be conducted in Fall 2024)
- Continued IDDE Plan updates
- Inspection of the Town's BMP structures
- Quarterly SWPPP inspections

Part V: Certification of Small MS4 Annual Report 2023

40 CFR 144.32(d) Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name:

Title:

Signature:

Date:

*[Signatory may be a duly authorized
representative]*