

Year 7 Annual Report

Massachusetts Small MS4 General Permit

Reporting Period: July 1, 2024-June 30, 2025

****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, 2024 and June 30, 2025 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization:

EPA NPDES Permit Number:

Primary MS4 Program Manager Contact Information

Name:

Title:

Street Address Line 1:

Street Address Line 2:

City:

State:

Zip Code:

Email:

Phone Number:

Stormwater Management Program (SWMP) Information

SWMP Location (publicly available web address):

Date SWMP was Last Updated:

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

Part II: Self-Assessment

First, in the box below, select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the most recent EPA approved Section 303(d) Impaired Waters List which can be found here: <https://www.epa.gov/tmdl/region-1-impaired-waters-and-303d-lists-state>

Impairment(s)

- ☒ Bacteria/Pathogens
 ☐ Chloride
 ☒ Nitrogen
 ☐ Phosphorus
☒ Solids/ Oil/ Grease (Hydrocarbons)/ Metals

TMDL(s)

- In State:
 ☐ Assabet River Phosphorus
 ☒ Bacteria and Pathogen
 ☐ Cape Cod Nitrogen
☐ Charles River Watershed Phosphorus
 ☐ Lake and Pond Phosphorus
 Out of State:
 ☐ Bacteria/Pathogens
 ☐ Metals
 ☐ Nitrogen
 ☐ Phosphorus

Clear Impairments and TMDLs

Next, check off all requirements below that have been completed. **By checking each box you are certifying that you have completed that permit requirement fully.** If you have not completed a requirement leave the box unchecked. Additional information will be requested in later sections.

Year 7 Requirements

- ☒ Completed catchment investigations associated with Problem Outfalls
☒ Completed catchment investigations where information gathered on the outfall/interconnection indicated sewer input

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:

Town does street sweeping 1x per year – based on equipment/staffing availability – more as needed in “problem / high accumulating areas”.

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 F and H 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 will make progress to identify septic system property owners and issue mailings.

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

Annual Requirements

*Public Education and Outreach**

- ☒ Distributed an annual message in the spring (April/May) that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers

- ☒ Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
 - ☒ Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter
- * Public education messages can be combined with other public education requirements as applicable (see Appendix F and H for more information)*

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

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

Structural BMPs

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

- Any structural BMPs listed in Attachment 3 to Appendix F already existing or installed in the regulated area by the permittee or its agents was tracked and the nitrogen removal by the BMP was estimated
- ☐ consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP, and the estimated nitrogen removed in mass per year by the BMP were documented.

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

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

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

The Town has hired a consultant to begin tracking nitrogen removal starting in Year 8. The Town is working to coordinate the location and construction of a demonstration project.

Solids, Oil and Grease (Hydrocarbons), or Metals

Annual Requirements

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

- ☐ Increased street sweeping frequency of all municipal owned streets and parking lots to a schedule that targets areas with potential for high pollutant loads
 - ☐ The street sweeping schedule is attached to the email submission
 - ☐ The street sweeping schedule can be found at the following publicly available website:

- Prioritized inspection and maintenance for catch basins to ensure that no sump shall be more than 50 ☒ percent full; Cleaned catch basins more frequently if inspection and maintenance activities indicated excessive sediment or debris loadings

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 does street sweeping 1x per year – based on equipment/staffing availability – more as needed in “problem / high accumulating areas”.

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

The Town has updated their stormwater regulations, which were approved in June 2025. The updated stormwater regulations can be found on the Town's stormwater webpage: <https://kingstonma.gov/290/Stormwater>

The Town is working with their consultant on developing an O&M Plan for their catch basin cleaning program.

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:

There are a few changes for Kingston between the 2022 and 2023 Integrated Lists of Waters. In this period, MassDEP published Total Maximum Daily Load (TMDL). These changes are:

- Furnace Brook (MA94-52) was added to the Massachusetts 2014 Integrated List of Waters and Categorized as a Category 4c with a fish passage barrier impairment,
- An unnamed tributary (MA94-59) was added to the Massachusetts 2014 Integrated List of Waters and Categorized as a Category 4c with a fish passage barrier impairment,
- MassDEP combined Foundry Pond (Segment ID MA94038) with Smelt Brook (Segment ID MA94-54),
- Two (2) segments of the Jones River (MA94-12 and MA94-13) have a new nutrient/eutrophication biological indicators impairment.

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:1 - 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. 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 159 students who participated in the program in 2 school visits. In a sample survey, 85% of the students and 90% of the parents reported having a greater understanding of where their water comes from AFTER the program, 85% of the students and 85% of the parents reported having a greater understanding of the importance of conserving water AFTER the program, and 85% of the students and 85% of the parents reported having a greater understanding of how pollutants and runoff affect the quality of water AFTER the program. A press release went out to the town, The Globe, the Patriot Ledger, Wicked Local, the Kingston Reporter, and the Kingston Mariner. There were 680 views on the school program web page which has the virtual videos. The program was also posted on the NSRWA Facebook page and the Town Locals Kingston MA 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:2 - Regional Rain Barrel Sale

Message Description and Distribution Method:

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):

A press release went out to the town, The Globe, the Patriot Ledger, Wicked Local, the Kingston Reporter, and the Kingston Mariner. There were 8,320 web page views. A \$50 boost was made on the NSRWA Facebook page that had a reach of 14,537 people and 1,131 engagements. It was posted on the Town Locals Kingston MA Facebook page. Posts were also made on Instagram. Information about the sale went out in the NSRWA E-newsletter to 12,500+ subscribers. There were 92 rain barrels sold with 14 sold to residents of Kingston.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025

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:3 - Gardening Green Expo

Message Description and Distribution Method:

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 403 attendees. The featured speaker was renowned author Doug Tallamy. The live event at Kennedy's Country Gardens had 4 live speakers, 19 exhibitors/vendors, and 400 attendees. There were multiple posts on the NSRWA Facebook and Instagram pages. There was a \$50 boosted Facebook ad that resulted in 5,844 people reached, and 617 engagements. There were 11 posts on Instagram with 2,338 total views. There have been 7,533 web views and 539 YouTube views to date. It also ran in our E-news three times to 12,500+ subscribers. Our prize drawing had 110 entries, 7 from Kingston.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025

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:4 - 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. Posts were also made on Instagram. The web page has had 1,021 views to date. The post had a reach of 17,874 people and 703 engagements. It was also promoted on the Town Locals Kingston MA Facebook page. There was a \$50 boost of the Facebook ad targeted to Kingston that started on June 21 and will run through July 21. To date, that post resulted in 3,360 people reached, and 107 engagements. It was also run on Instagram with 225 views. There were 139 downloads so far, with 5 from Kingston. We also ran an E-news story to 12,500+ subscribers on Fertilizer with a Greenscapes Guide download on April 18 with 217 clicks.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025

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:5 - MS4 Message (Fertilizer Message)

Message Description and Distribution Method:

Fertilizer message on best practices and fertilizer alternatives.

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. A \$50 boost was made on the ad and had a reach of 107,341 people and 1,400 engagements. It was also posted to the Town Locals Kingston MA Facebook page. It ran on Instagram with 268 views. There were also 9 page views on the Know Before You Mow! web page, 124 page views on the Best Mowing Practices web page, and 889 page views on the Stormwater web page. We also ran an E-news story to 12,500+ subscribers on Fertilizer Alternatives with a Greenscapes Guide download on April 18 with 217 clicks.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025

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:6 - MS4 Message (Grass Clippings Message)

Message Description and Distribution Method:

Grass Clippings message on best practices for lawn mowing and disposing of grass clippings.

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 will be sent out in our E-newsletter to 12,500+ people in July. That story will link to our Greenscapes page, which has had 1,021 views to date. The message was posted on the NSRWA Facebook page and on the Town Locals Kingston MA Facebook page. The NSRWA post had a reach of 4,553 people and 412 engagements to date. It was also posted on Instagram with 322 views and on LinkedIn.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025

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:7 - Pet Waste Education

Message Description and Distribution Method:

Messages on proper disposal of pet waste.

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 (400), Kingston Animal Hospital (75), and Morningstar Animal Hospital (200). A post was created and posted on the NSRWA Facebook page and on the Town Locals Kingston MA Facebook page. As of June 20, the NSRWA post had 16,902 people reached and 1,143 engagements. There was a \$50 boost of the Facebook ad targeted to Kingston that started on June 3 and will run through July 3. As of June 20 it had a reach of 3,400 people and 297 engagements. A press release went out on June 3 on the dog waste problem on the South Shore. This was sent to the town, The Globe, the Patriot Ledger, Wicked Local, the Kingston Reporter, and the Kingston Mariner. The pet waste message was sent out in our E-newsletter to 12,500+ people, and had 89 clicks. It was also posted on Instagram with 549

views and on LinkedIn. The web page had 851 views.

Message Date(s): 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025

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:8 - 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 Kingston Reporter, and the Kingston Mariner. A post was made on the NSRWA Facebook page in September. That post had a reach of 643 people and 2 engagements. There have been 616 web page views to date. It also ran in our E-news to 12,500+ subscribers, with 109 clicks.

Message Date(s): 2019, 2020, 2021, 2022, 2023, 2024, 2025

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:9 - MS4 Message (Leaf Litter Message)

Message Description and Distribution Method:

Leaf Litter message in October on proper disposal of lawn waste and leaves.

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 1,244 people, and 11 engagements. The message was also posted on the Town Locals Kingston MA Facebook

page. There were also 124 page views on the Best Mowing Practices web page, and 889 page views on the Stormwater web page.

Message Date(s): 2019, 2020, 2021, 2022, 2023, 2024, 2025

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:10 - Proper Sediment and Erosion Control Management

Message Description and Distribution Method:

Sediment and erosion control message provided by 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 department. These brochures will be handed to the person when they receive their permit. There were 500 distributed to the town of Kingston initially, and we replenished their supply with 150 brochures.

Message Date(s): 2019, 2020, 2021, 2022, 2023, 2024, 2025

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:11 - Enter to Win One of 3 Amazing Books Contest with Questions

Message Description and Distribution Method:

Contest with 6 stormwater questions.

Targeted Audience: Residents

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

Measurable Goal(s):

We held a book contest with education on how to prevent stormwater. The prizes were books on wastewater, conservation, and our relationship to water. There were 6 multiple choice questions on stormwater, and the

correct answers were sent to the registrants in their entry confirmation. The contest was posted on the NSRWA Facebook page in December. The post had a reach of 1,818 people and 8 engagements. The Facebook post was boosted with a \$50 ad with a reach of 3,194 people and 290 engagements. There were 240 web page views and 114 entries, with 3 entries from Kingston.

Message Date(s): 2019, 2020, 2021, 2022, 2023, 2024, 2025

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:12 - Proper Management of Waste Materials and Dumpsters

Message Description and Distribution Method:

Messaging on proper Dumpster maintenance and Free Dumpster Maintenance Checklist.

Targeted Audience: Businesses, Institutions, Commercial Facilities and Industrial 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 135 views and 18 downloads. We also created an educational video that was posted on our website and Facebook page. The video was posted on 15 South Shore business and industry Facebook groups, with a combined reach of 27,764 people. It was posted on the Town Locals Kingston MA Facebook page. It was also run on LinkedIn with 21 views.

Message Date(s): 2022, 2023, 2024, 2025

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:13 - Parking Lot Maintenance

Message Description and Distribution Method:

Messaging on parking lot maintenance and Free Parking Lot Maintenance Checklist.

Targeted Audience: Businesses, Institutions, Commercial Facilities & Industrial 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 210 views and 6 downloads. We also created an educational video that was posted on our website and Facebook page. It was posted on 15 South Shore business and industry Facebook groups, with a combined reach of 27,764. It was posted on the Town Locals Kingston MA Facebook page. It was also run on LinkedIn with 24 views.

Message Date(s): 2022, 2023, 2024, 2025

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:14 - 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 Kingston. They received 500 in the initial delivery. These will be handed out with permits. This year they received 150. The web page had 103 views. It was also posted on the NSRWA Facebook page on June 20 with 659 views to date.

Message Date(s): 2023, 2024, 2025

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:15 - Ice Melter

Message Description and Distribution Method:

Messaging on proper use of ice melters and safe alternatives

Targeted Audience: Businesses, Institutions, Commercial Facilities and Industrial Facilities, Residents

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

Measurable Goal(s):

We ran a story on Better Ways to Melt Ice and Snow. This was sent to 12,500+ recipients of our E-newsletter, posted on social media, and sent to the town, The Globe, the Patriot Ledger, Wicked Local, the Kingston Reporter, and the Kingston Mariner. The web page had 1,506 views. The Facebook post had 581 views, and Instagram had 300 views. We also ran On the Road with Salt by Trillium Studios on Facebook, which had a reach of 772 people and 10 engagements. Make Your Own Salt Brine was posted on Facebook with 25,883 views and 191 engagements, and on Instagram with 382 views and 16 engagements.

Message Date(s): 2025

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:16 - Town Media Kit

Message Description and Distribution Method:

Including all messages above.

Targeted Audience: Residents, Developers, Businesses, Institutions, Commercial Facilities and Industrial Facil

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

Measurable Goal(s):

We created the WaterSmart Toolkit and Calendar. The calendar shows what months we run each campaign. The folders are listed with the months before the campaign name. These are provided to the town to get more coverage for each of the messages. The campaigns can be used in town emails, newsletters, statements, websites, or social media. The additional metrics will be tracked by the town.

Message Date(s): 2025

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:17 - Stormwater Webpage

Message Description and Distribution Method:

The Town has uploaded educational flyers and announcements on their Stormwater webpage.

Targeted Audience:	Residents
Responsible Department/Parties:	Town of Kingston
Measurable Goal(s):	Educating residents on 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:

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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:**

Hard copies of the SWMP are available at the Town House and an electric version is available on the Town's Stormwater webpage: <https://kingstonma.gov/290/Stormwater>.

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

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

The Town of Kingston hosted their annual clean-up day on April 26, 2025.

An Agricultural Fair, hosted by the Agriculture Commission, was held on September 29, 2024. At the fair, the Town had educational materials on lawn alternatives.

In 2025, the Transfer Station allowed residents to bring their organic waste. Further details on the organic waste collection can be found on the Recycling Committee's webpage.

The Town co-hosts their annual hazardous household waste collection days with the Town of Duxbury.

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:

No additional mapping updates have been completed/updated this upcoming fiscal year (Year 8).

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:

No additional outfalls were added this permit year.

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:

To date, the Town has completed catchment investigations at 63 of the Town's 83 outfalls. Catchment Investigations therefore are 76 percent complete. The Town and their MS4 consultant are scheduled to complete the remaining 20 catchments this upcoming permit year (Year 8). The remaining catchments that require investigation require additional Town assistance and input.

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:

In January 2025, a sump pump was observed entering the stormwater system. Under the current bylaw, "No Person shall dump, discharge, cause or allow to be discharged any Illicit Discharge into the Municipal Separate Storm Sewer System (MS4), into a Watercourse, or into the Waters of the Commonwealth". The Town does not allow sump pumps to be connected to the stormwater system. The Town has resolved the issue and removed the connection.

Employee Training

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

Annual training was conducted in person on June 17, 2025. The training was held with their respective consultant and highway staff.

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: 25

Number of inspections completed: 22

Number of enforcement actions taken: 6

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

The six (6) enforcements listed above only included official enforcement reviews that related to SW (poor ESC, runoff reached wetland, etc.)

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: 4

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

Street Design and Parking Lots Report

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

The Town has 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. Kingston Streets, Trees, and Parks Department
2. Silver Lakes Regional School Property (Elementary School, Middle School, High School)
3. Police Station
4. Kingston Public Library
5. Fire 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.

The Town has installed a bioretention area at the Harbor Master's back parking lot.

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 publicly available website(s):

<https://kingstonma.gov/264/Board-of-Health>

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:

The Board of Health performs weekly bacteria water quality assessment at Town beaches.

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.

The Town has updated their stormwater regulations, which were approved in June 2025. The updated stormwater regulations can be found on the Town's stormwater webpage: <https://kingstonma.gov/290/Stormwater>

The Town is working with their consultant on developing an O&M Plan for their catch basin cleaning program.

Year 8

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

Yes, I agree ☒

Annual Requirements

- Annual report submitted and available to the public
- Annual opportunity for public participation in review and implementation of SWMP
- Keep records relating to the permit available for 5 years and make available to the public
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Continue public education and outreach program
- Update outfall and interconnection inventory and priority ranking and include data collected in connection with the dry weather screening and other relevant inspections conducted
- Implement IDDE program
- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspection of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected
- Sweep all curbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls
- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; update if necessary
- Review O&M programs for all permittee owned facilities; update if necessary
- Implement all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implement program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Enclose all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Review as-built drawings for new and redevelopment to ensure compliance with post construction bylaws, regulations, or regulatory mechanism consistent with permit requirements
- Inspect all permittee owned treatment structures (excluding catch basins)
- Identify additional permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas so that the permittee maintains a minimum of 5 sites in their inventory, until such a time when the permittee has less than 5 sites remaining

Provide any additional details on activities planned for permit year 8 below:

The Town has a consultant to assist with MS4 Permit requirements which include:

- Continued program meetings with the Town to discuss the MS4 program status.
- Continued annual training to the Kingston Town employees involved in the IDDE program
- Continued Stormwater Management Plan updates, documenting progress made annually
- Continued IDDE catchment investigations and mapping updates
- Continued IDDE Plan updates
- Annual inspection of the Town's SCM structures

-Quarterly SWPPP inspections
- Nutrient Removal Tracking

Part V: Certification of Small MS4 Annual Report 2025**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:

Matt Penella

Title:

Conservation Agent

Signature:



Date:

9.23.25

[Signatory may be a duly authorized representative]