

Year 6 Annual Report

Massachusetts Small MS4 General Permit

Reporting Period: July 1, 2023-June 30, 2024

****Please DO NOT attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure any websites included on this form are to publicly accessible sites****

Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2023 and June 30, 2024 unless otherwise requested.

Part I: Contact Information

Name of Municipality or Organization:

EPA NPDES Permit Number:

Primary MS4 Program Manager Contact Information

Name: Title:

Street Address Line 1:

Street Address Line 2:

City: State: Zip Code:

Email: Phone Number:

Stormwater Management Program (SWMP) Information

SWMP Location (publicly available web address):

Date SWMP was Last Updated:

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

Part II: Self-Assessment

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

Impairment(s)			
<input checked="" type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Chloride	<input type="checkbox"/> Nitrogen	<input checked="" type="checkbox"/> Phosphorus
<input checked="" type="checkbox"/> Solids/ Oil/ Grease (Hydrocarbons)/ Metals			
TMDL(s)			
<i>In State:</i>	<input type="checkbox"/> Assabet River Phosphorus	<input checked="" type="checkbox"/> Bacteria and Pathogen	<input type="checkbox"/> Cape Cod Nitrogen
	<input type="checkbox"/> Charles River Watershed Phosphorus	<input type="checkbox"/> Lake and Pond Phosphorus	
<i>Out of State:</i>	<input type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Metals	<input type="checkbox"/> Nitrogen
			<input type="checkbox"/> Phosphorus
			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:

http://foxboroughma.gov/departments/highway/stormwater_management

- 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:

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:

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

Annual Requirements

*Public Education and Outreach**

- Distributed an annual message in the spring (April/May) encouraging the proper use and disposal of grass clippings and encouraging the proper use of slow-release and phosphorus-free fertilizers
- Distributed an annual message in the summer (June/July) encouraging the proper management of pet waste, including noting any existing ordinances where appropriate
- Distributed an annual message in the fall (August/September/October) encouraging the proper disposal of leaf litter

** Public education messages can be combined with other public education requirements as applicable (see Appendix H and F for more information)*

Good Housekeeping and Pollution Prevention for Permittee Owned Operations

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

Structural BMPs

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

Any structural BMPs already existing or installed in the regulated area by the permittee or its agents

- was tracked and the phosphorus removal by the BMP was estimated consistent with Attachment 3 to Appendix F. The BMP type, total area treated by the BMP, the design storage volume of the BMP, and the estimated phosphorus removed in mass per year by the BMP were documented.

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

http://foxboroughma.gov/departments/highway/stormwater_management

Total estimated phosphorus removed in **lbs/year** from the installed BMPs: 3.54

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:

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:

http://foxboroughma.gov/departments/highway/stormwater_management

- 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:

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

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:

We have updated our Stormwater Management Program to reflect the Massachusetts Year 2016 Integrated List of Waters, approved December 2019. The new list identified changes in impairments and segmentation. The added and removed impairments to categories 4 and 5 waters are identified in Appendices 2 and 3 of the 2016 list. An abridged table of relevant receiving waters with updated impairments has been added to the page 5 of the SWMP. An example of one such change is the Neponset River (73-01) which added: DDT in Fish Tissue, Nutrient/Eutrophication Biological Indicators and removed: DDT, Excess Algal Growth, Sedimentation/Siltation, TSS, Turbidity.

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. Maintain Educational Website

Message Description and Distribution Method:

Maintained a comprehensive educational website to serve the Neponset Stormwater Partnership service area as a primary resource for key information for all four target audiences (<https://yourcleanwater.org>).

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s):

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP:2. Operate Stormwater Hotline

Message Description and Distribution Method:

Operated a regional “stormwater hotline” to field questions and problem reports regarding stormwater from across the region. Reports were collected via a website form, email submissions to stormwater@neponset.org, and phone calls to 781-575-0354 x 300. Responses to reports included answers to questions, additional information or follow up investigation, and/or referral of inquiries/reports to the appropriate municipalities. Anonymity of inquiries was maintained as requested.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Message Date(s): Ongoing since May 1, 2018

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. Distribute Pet Waste Information with Dog Licenses

Message Description and Distribution Method:
Educational “rack cards” regarding proper pet waste disposal were printed and provided to town clerks’ offices in member towns to distribute with dog licenses, either in person or via mail. An example of the pet waste rack card is provided in Appendix A-1 of NSP Annual Report.

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):
All Towns participated in pet waste messaging. A total of 9,300 cards were distributed through Town Clerk offices in partner towns. This strategy is estimated to have reached the entire population of dog owners in participating towns.

Message Date(s): Materials were distributed to Town Clerks in November and December and disseminated to dog owners as licenses were issued throughout the year.

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. Summer Pet Waste Campaign

Message Description and Distribution Method:
Prepared and published an educational campaign concerning the proper disposal of pet waste. The campaign was distributed both as individual social media posts through the Neponset River Watershed Association’s Facebook, Instagram, LinkedIn and X (formerly Twitter) accounts and as a single paid Facebook/Instagram advertisement which ran for the month of July in certain areas. Member communities were invited to further distribute the message using whatever methods were available to them.

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Four social media posts were distributed with each Town/City's social media accounts tagged for ease of resharing. Analytical data for each post may be found at Table-2 of NSP Annual Report.

For those communities who shared on their city/town accounts, this has been documented in Table-7 of NSP Annual Report.

NSP communities who participated in paid social media advertising reached 391,956 accounts. For further details see Table-8 of NSP Annual Report.

Message Date(s): July 5 through July 28, 2023

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. Fall Leaf Waste Campaign

Message Description and Distribution Method:

Prepared and published educational campaign concerning the proper disposal of leaf litter and yard waste. The campaign was distributed both as individual social media posts through the Neponset River Watershed Association's Facebook, Instagram, LinkedIn and X (formerly Twitter) accounts and as a single paid Facebook/Instagram advertisement which ran in October 2023 in certain areas. Member communities were invited to further distribute the message using whatever methods were available to them.

Additionally, physical flyers with similar information were printed and hung in each member community's Library, Recreation Department, Town Hall, and Council on Aging. Where community boards weren't available in certain locations additional flyers were given to the Board of Health or Conservation Commissions. Two separate flyers were distributed based on yard waste pick-up availability for City/Towns. An example of the flyer can be found in Appendix A-2 of NSP Annual Report.

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

: Five social media posts were distributed with each Town/City's respected social media accounts tagged for ease of resharing. Analytical data for each post are detailed in Table-3 of NSP Annual Report.

For those communities who shared on their city/town accounts, this has been documented in Table-7 of NSP Annual Report.

NSP communities who participated in paid social media advertising reached 296,492 accounts. For further details see Table-8 of NSP Annual Report.

Message Date(s): October 2023

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. Spring Fertilizer and Grass Clipping Campaign

Message Description and Distribution Method:

Prepared and published educational campaign concerning the proper use of fertilizer and treatment of grass clippings. The campaign was distributed both as individual social media posts through the Neponset River Watershed Association’s Facebook, Instagram, LinkedIn and X (formerly Twitter) accounts and as a single paid Facebook/Instagram advertisement which ran in April 2024 in certain areas. Member communities were invited to further distribute the message using whatever methods were available to them.

Additionally, physical flyers with similar information were printed and hung in each member community’s Library, Recreation Department, Town Hall, and Council on Aging. Where community boards weren’t available in certain locations additional flyers were given to the Board of Health or Conservation Commissions. Last, a press release was sent out on May 2, 2024. A copy of the flyer and the press release can be found in Appendix A-3 of NSP Annual Report.

Targeted Audience:

Responsible Department/Parties:

Neponset Stormwater Partnership

Measurable Goal(s):

Two social media posts were distributed with each Town/City’s respected social media accounts tagged for ease of resharing. Analytical data for each post are detailed in Table-4 of NSP Annual Report.

For those communities who shared on their city/town accounts, this has been documented in Table-7 of NSP Annual Report.

NSP communities who participated in paid social media advertising reached 337,459 accounts. For further details see Table-8 of NSP Annual Report.

Message Date(s): April - May 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:7. Outreach to Septic System Owners

Message Description and Distribution Method:

Prepared and published educational information about proper use and maintenance of septic systems. The information was distributed through NepRWA’s Facebook, Instagram, LinkedIn and X (formerly Twitter)

accounts. Six posts were designed to coordinate with the U.S. EPA’s SepticSmart Week in the month of September 2023 and included EPA-developed graphics and language that were translated in both English and Spanish.

Additionally, individual letters were sent to new homeowners with septic systems with an informational rack card mirroring the social media messaging. An example of these can be found in Appendix A-4.

Targeted Audience: Septic System Owners

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Social media posts were distributed with each Town/City’s respected social media accounts and tagged for ease of resharing. Analytical data for these posts are detailed in Table-5.

For those communities who shared on their city/town accounts, this has been documented in Table-7.

Additionally, sent 206 letters directly to new septic owners.

Message Date(s): September 2023

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. Education about Best Practices for Deicing

Message Description and Distribution Method:

Prepared and published educational message concerning the best practices for deicing during the winter. The message was distributed as an individual social media post through NepRWA’s Facebook, Instagram, LinkedIn and X (formerly Twitter) accounts. Member communities were invited to further distribute the message using whatever methods were available to them.

Targeted Audience: Residents, Businesses, Industry, and Developers

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

One social media posts was distributed with each Town/City’s respected social media accounts tagged for ease of resharing. Analytical data for post are detailed in Table-6.

For those communities who shared on their city/town accounts, this has been documented in Table-7.

Message Date(s): December 7, 2024

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP:9. School Outreach Program

Message Description and Distribution Method:

During the 2023-2024 school year, in person lessons took place in grade 5 classrooms. The program focused on drinking water, local water resources, water conservation, stormwater infrastructure, impact of climate change on stormwater and water resources, and stormwater pollution prevention techniques. The curriculum aligned with the MA 5PthP grade science curriculum standards. Information was presented using a PowerPoint presentation, a groundwater model, an EnviroScape model and additional hands-on activities. New additions to the program for the 2023-2024 school year included a stronger connection between stormwater and climate change and a new interactive water use activity.

The program was delivered at the individual classroom level by a watershed educator over the course of one visit (Norwood, Quincy, Westwood) or two visits (Avon, Canton, Foxborough, Medfield, Milton, Sharon, Stoughton, Dedham and Walpole). Each visit took approximately 60 minutes. The educator also provided teachers with related classroom resources, which can be found in Appendix A-5, including links to activities, interactives, videos and books, as well as follow-up brochures for students to share with their families. A copy of the Water Conservation and Stormwater presentations are available upon request.

In addition to the grade 5 programs, a onetime 3-hour water program was conducted at Westwood High School to a classroom of mixed-grade students who were participating in a weeklong end-of-the-year seminar called "Waterworld".

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

During the 2023-2024 school year a total of 161 classrooms were visited, representing an estimated 3,000 families. (63 classes were visited once and 98 classrooms were visited twice for a total of 259 classroom visits). Feedback from teachers was exceedingly positive for the on-line and in-person presentation materials. Results are available upon request.

Message Date(s): September 2023 through June 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:10. Regional Education Mailing

Message Description and Distribution Method:

An educational mailing was prepared and distributed to all residential addresses in participating communities (Avon, Canton, Dedham, Foxborough, Medfield, Milton, Norwood, Randolph, Sharon, Stoughton, Westwood,

and Walpole) totaling 90,412 mailing addresses in all. The mailing was a 6.25” X 9” postcard that highlighted general stormwater pollution prevention tips. The mail piece referenced key information on fertilizer, lawn maintenance, methods to reduce stormwater runoff, pet waste management, and septic system maintenance, and referred readers to additional information available at the NSP website and the stormwater hotline. A copy of the regional educational mailer can be found in Appendix A-6.

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

100% of residential addresses in the target area were reached (90,412 addresses total).

Message Date(s): June 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:11. Educational Outreach Evaluation

Message Description and Distribution Method:

Conducted a survey distributed through the general mailer (BMP 10) to over 90,412 residents to determine the extent of the public’s knowledge regarding stormwater pollution prevention and the impact of the outreach campaigns thus far. The survey also served as an educational opportunity, as information on why a particular answer was correct was revealed after the user submitted their responses. The survey was also advertised via social media channels. The intent is to repeat this survey regularly and monitor results over time.

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Results can be found in Appendix A-7.

Message Date(s): June 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:12. Stormwater Education Presentations

Message Description and Distribution Method:

Delivered several stormwater-related presentations to various groups of residents. At these events, residents received basic information on stormwater pollution and tips to prevent it around their own residences and places of business. At some presentations, residents were also educated on stormwater utility programs and how they can help to provide the funding needed for stormwater system management, upgrades, and enhancements.

Targeted Audience: Residents, Businesses, Developers and Industry

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

The following presentations on stormwater awareness, pollution prevention, and climate impacts to stormwater occurred this year:

- Stormwater and the Future presentation with the Town of Norwood on January 17, 2024.
- Stormwater and Green Infrastructure within The Neponset River Watershed – Empowering People for Inclusive Communities on February 10, 2024.
- King Tide event at Tenean Beach, Boston February 10, 2024
- Building Resilience: Creating Climate-Ready Futures for our Communities at the Canton UU on April 20, 2024
- Working Together for a Resilient Future with MAPC’s Three Rivers Interlocal Council on May 21, 2024

Message Date(s): January - May 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:13. Developer/Construction Outreach

Message Description and Distribution Method:

Prepared and distributed stormwater pollution prevention brochure focused on the developer/construction audience to Building Departments and Conservation Commissions for distribution to permittees or display with online permit applications for projects involving earth work related activities. The brochures include a QR code that links to the NSP website with additional resources including training workshops and digital copies of the brochure. A copy of the brochure can be found in Appendix A-8.

Additionally, one social media message with similar information was prepared and distributed. The message was distributed as an individual social media post through the Neponset River Watershed Association’s Facebook, Instagram, LinkedIn and X (formerly Twitter) accounts. Member communities were invited to further distribute the message using whatever methods were available to them.

Targeted Audience:

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

One social media post was distributed with each Town/City’s respected social media accounts tagged for ease of resharing. Analytical data for the post are detailed in Table-9.

For those communities who shared on their city/town accounts, this has been documented in Table-7.

The informational brochure was distributed to permittees through member communities’ Conservation Commission and Building Department.

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:14. Industrial Outreach

Message Description and Distribution Method:

Prepared and distributed educational information about stormwater best management practice information to industrial facilities in member towns. A copy of the brochure can be found in Appendix A-9.

Targeted Audience:

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

An informational brochure was developed and directly mailed to over 1000 industrial properties (identified by GIS) in member towns.

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:15: Regional Water Quality Forum

Message Description and Distribution Method:

Organized a public presentation on data from the 2023 Volunteer Water Quality Monitoring Program (MCM 1: Public Participation BMP 2). The presentation covered the results from the 2023 sampling season and how they fit into the broader context of long-term water quality trends in the watershed. Also discussed were remaining challenges facing various waterways in the Watershed, and actions individuals can take to address

those challenges. In addition, EPA Project Manager Natalie Burgo gave a presentation on the Lower Neponset Superfund work. To expand the potential audience, the event was held in a hybrid model, both in person at the Canton Library and live via Zoom. Additionally, a recording of the presentation was posted to the NepRWA website and YouTube.

Results from 2022 water quality season were also used to generate a Boston Harbor report card (with the Charles River Watershed Association, Mystic River Watershed Association, and EPA). River segments were graded on how well they met bacteria swimming and boating standards. An event was held August 3, 2023 in Cambridge, MA with all 3 watershed associations, with remarks from US Senator Ed Markey, as well as EPA Region 1 Director David Cash, MassDEP Commissioner Bonnie Heiple, MassDCR Commissioner Brian Arrigo, MWRA Exec. Director Fred Laskey, Cambridge Mayor Sumbul Siddiqui, Mashpee Wampanoag Tribal Member Hartman Deetz, and X-Cel Adult Education Conservation Corp member Damon Levin.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

There were more than 100 registrants for the Regional water quality forum event across both in-person and Zoom. Additionally, a recording of the presentation was uploaded to NepRWA's YouTube channel, and included on the NepRWA website where it has received 17 views to date.

The report card event was attended by several media outlets and state and federal agency staff, with the results covered by WGBH, WBUR, the Boston Globe, and the Dorchester Reporter among others.

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:16. Regional Water Quality Data Reports and Press Releases

Message Description and Distribution Method:

Organized data from the 2023 (May-October 2023) Volunteer Water Quality Monitoring Programs (Public Participation BMP 2) into town-specific reports and press releases. These materials were provided to participating towns to aid in the dissemination of the results of the water quality monitoring program to residents and/or the media. Years are offset, as data collected in 1 year (e.g. 2023) are analyzed and reported in the following year (i.e. 2024). An example of the Press Release and the Town Report are provided in Appendix A-10. Additional reports and press releases are available on the NepRWA website, the NSP website, and available upon request.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

A report and press release were each prepared for the 5 participating towns (Canton, Dedham, Foxborough,

Milton, and Westwood). A draft summary press release, with NepRWA staff comments and municipal staff quotes were provided to relevant town officials for review and will be distributed to media once approved.

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:

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:**

SWMP, annual report, and other associated information is posted on town website for download and viewing.

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:**

Public Participation BMP 1: River Clean Up Days

Organized volunteer-based river cleanup events with sites throughout the watershed on September 23, 2023, and April 20, 2024. At the fall event, more than 100 volunteers worked at 9 locations to remove an estimated 120 bags of trash totaling 9 tons of debris from various waterways, parks, and wetlands. The spring event had 12 locations with approximately 200 volunteers to remove an estimated 200 bags of trash.

Public Participation BMP 2: Volunteer Water Quality Monitoring Program

Organized a volunteer-based water quality monitoring program with 41 sites located throughout the Neponset River Watershed. Approximately 60 volunteers are involved in the program, and it is operated under the terms of a MassDEP-approved QAPP. The results are used to more meaningfully engage the public in the health of local waterways and the implementation of the MS4 program, to inform municipal IDDE efforts, to track overall progress in improving stream health and attaining designated uses throughout the watershed, and to provide local data that provides context for public outreach and education programs. Collected data is also used to calculate annual report card grades for water quality in the Neponset based on E. coli levels and swimming and boating criteria compliance rates. Participating municipalities also receive Town-specific annual reports regarding the waterways in their jurisdiction. Additional sampling was conducted on Mother, Unquity, and Ponkapoag Brooks in Hyde Park, Milton, and Canton respectively as part of a high school educational training program with Archbishop Williams High School. Additional samples of water and soil

were tested for E. coli from Sucker Brook and surrounding areas in Lake Massapoag in Sharon as part of their continued work in reducing beach closures and pollution.

Public Participation BMP 3: Regional Water Quality Forum

Organized a public presentation on data from the 2023 Volunteer Water Quality Monitoring Program (Public Participation BMP 2). The presentation covered the results from the 2023 sampling season and how they fit into the broader context of long-term water quality trends in the watershed. Also discussed were remaining challenges facing various waterways in the Watershed, and actions individuals can take to address those challenges. In addition, EPA Project Manager Natalie Burgo gave a presentation on the Lower Neponset Superfund work. To expand the potential audience, the event was held in a hybrid model, both in person at the Canton Library and live via Zoom. Additionally, a recording of the presentation was posted to the NepRWA website and YouTube.

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:

MS4 System Map is being maintained and continually updated by Town's GIS Specialist.

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:

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:

Of the 277 outfall inspected, 8 were found to have dry weather flow. Samples were taken by EST Associates Inc. at each location and analyzed by Alpha Analytical. None of the samples contained contaminant levels which triggered reprioritization for catchment investigation

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:

Local "porta potty" company was found cleaning toilets near stormwater basin. Company was required to construct and install a cleaning pad with wastewater containment

Employee Training

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

No additional training performed during this reporting period.

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:

Primary site plan review is outsourced to third party engineering firm, but all Town departments are still provided the opportunity to comment on proposals.

Public Works and Conservation conduct routine site visits of on going construction projects at least 2 to 3 times per week to evaluate compliance.

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

Ordinance or Regulatory Mechanism

Date update was completed (due in year 3):

Website of ordinance or regulatory mechanism:

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:

Planning Department retains as-built plans for subdivisions and other redevelopment projects. DPW maintains as-builts for public infrastructure projects.

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:

No change at this time.

Green Infrastructure Report

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

No change at this time.

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):

East Street and Cocasset Street Intersection Redesign
 90 North Carl Annon Court
 Payson Road Athletic Complex – North Parking Lot
 Payson Road Athletic Complex – South Parking Lot
 Payson Road Athletic Complex – Ernie George Field
 Kersey Point Conservation Area
 Sunset Estates
 Igo Elementary School
 Council on Aging
 Lane Homestead Conservation Area
 Cocasset Street Underpass Drainage

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.

Edwards Road Boat Ramp (Jellyfish Filters)
 Foxborough Regional Charter School

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:

Department of Public Works is inspected quarterly. Remaining issues are inherent to outdated facility design. DPW building expansion with stormwater upgrades including dedicated vehicle wash facility expected to go to open town meeting vote in May 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):

https://www.foxboroughma.gov/departments/highway/stormwater_management

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

Additional Information

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

Year 7**Activities Planned for Next Reporting Period**

Please confirm that your SWMP has been, or will be, updated to comply with all applicable permit requirements including but not limited to the year 7 requirements summarized below. (Note: impaired waters and TMDL requirements are not listed below)

Yes, I agree

- Complete investigations of catchments associated with Problem Outfalls
- Complete investigations of catchments where any information gathered on the outfall/interconnection identifies sewer input

Annual Requirements

- Annual report submitted and available to the public
- Annual opportunity for public participation in review and implementation of SWMP
- Keep records relating to the permit available for 5 years and make available to the public
- Properly store and dispose of catch basin cleanings and street sweepings so they do not discharge to receiving waters
- Annual training to employees involved in IDDE program
- Update inventory of all known locations where SSOs have discharged to the MS4
- Continue public education and outreach program
- Update outfall and interconnection inventory and priority ranking and include data collected in connection with the dry weather screening and other relevant inspections conducted
- Implement IDDE program
- Review site plans of construction sites as part of the construction stormwater runoff control program
- Conduct site inspection of construction sites as necessary
- Inspect and maintain stormwater treatment structures
- Log catch basins cleaned or inspected
- Sweep all curbed streets at least annually
- Continue investigations of catchments associated with Problem Outfalls

- Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- Review inventory of all permittee owned facilities in the categories of parks and open space, buildings and facilities, and vehicles and equipment; update if necessary
- Review O&M programs for all permittee owned facilities; update if necessary
- Implement all maintenance procedures for permittee owned facilities in accordance with O&M programs
- Implement program for MS4 infrastructure maintenance to reduce the discharge of pollutants
- Enclose all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- Review as-built drawings for new and redevelopment to ensure compliance with post construction bylaws, regulations, or regulatory mechanism consistent with permit requirements
- Inspect all permittee owned treatment structures (excluding catch basins)
- Identify additional permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious areas so that the permittee maintains a minimum of 5 sites in their inventory, until such a time when the permittee has less than 5 sites remaining

Provide any additional details on activities planned for permit year 7 below:

Part V: Certification of Small MS4 Annual Report 2024

40 CFR 144.32(d) Certification

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

Name:

Title:

Signature:

Date:

[Signatory may be a duly authorized representative]