

Year 4 Annual Report
Massachusetts Small MS4 General Permit
Reporting Period: July 1, 2021-June 30, 2022

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

Unless otherwise noted, all fields are required to be filled out. If a field is left blank, it will be assumed the requirement or task has not been completed. Please ONLY report on activities between July 1, 2021 and June 30, 2022 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 (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 4 Requirements

- Developed a report assessing current street design and parking lot guidelines and other local requirements within the municipality that affect the creation of impervious cover, made it available as part of the SWMP, and:

- No updates were recommended
- Updates were recommended. The anticipated date or date of completion for updates is/was:

Recommendations prepared by NSP and Audubon being reviewed/considered.

- Developed a report assessing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist, made it available as part of the SWMP, and:

- No updates were recommended
- Updates were recommended. The anticipated date or date of completion for updates is/was:

Recommendations prepared by NSP and Audubon being reviewed/considered.

- Identified a minimum of 5 permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious cover

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

Annual Requirements

- Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements
- Kept records relating to the permit available for 5 years and made available to the public
- The SSO inventory has been updated, including the status of mitigation and corrective measures implemented
 - This is not applicable because we do not have sanitary sewer
 - This is not applicable because we did not find any new SSOs
 - The updated SSO inventory is attached to the email submission
 - The updated SSO inventory can be found at the following website:

http://foxboroughma.gov/departments/highway/stormwater_management
- Updated system map due in year 2 as necessary
- 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
 * *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:

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 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)

Nitrogen Source Identification Report

- Completed the Nitrogen Source Identification Report
- The Nitrogen Source Identification Report is attached to the email submission
 - The Nitrogen Source Identification Report can be found at the following website:

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

Potential structural BMPs

- Any structural BMPs listed in Table 3 of Attachment 1 to Appendix H 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 1 to Appendix H. 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.
- The BMP information is attached to the email submission
 - The BMP information can be found at the following website:

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)

Phosphorus Source Identification Report

- Completed the Phosphorus Source Identification Report
 - The Phosphorus Source Identification Report is attached to the email submission
 - The Phosphorus Source Identification Report can be found at the following website:

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

Potential structural BMPs

- 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.
 - The BMP information is attached to the email submission
 - The BMP information can be found at the following website:

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 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:

264 catch basins cleaned using Town owned clam shell. Need increased stormwater funding for contractor assistance.

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:

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: 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

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Achieve at least 500 unique site visits every year.

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: 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. Responses were collected via a website form hosted at yourcleanwater.org, via email submissions to stormwater@neponset.org, and phone calls to 781-575-0354 x 300. Responses included answers to questions, additional information or follow up investigation, and/or referral of inquiries/reports to the appropriate municipalities as appropriate. Anonymity of inquiries was maintained as requested.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Provide immediate answers to inquiries generated by regionalized outreach activities.

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: 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 include with dog license renewal requests, either in person or via mail. In towns where online renewal is either available or the only renewal method offered, online graphics that link to the pet waste page of the NSP website were provided. In one town, a pet waste message was printed directly on the dog license receipts. The following distribution numbers were based on the number of licensed dogs per NSP town. The number of rack cards distributed correlated to the number of dogs licensed per town to ensure all dog owners received the message, although some towns had leftover cards from last year.

Targeted Audience: Residents

Responsible Department/Parties:

Measurable Goal(s):

Participation by 100% of Town Clerks in order to reach 80% of dog owners annually with pet waste management information. Over the 5-year permit period achieve a reduction in the number of pet waste bags found when cleaning catch basins in the member communities that track this information.

Message Date(s): Materials were distributed to Town Clerks in December 2021 and disseminated to dog owners as licenses were issued.

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: Summer Pet Waste Campaign

Message Description and Distribution Method:

Prepared a social media campaign consisting of Facebook and Twitter messages directed at the proper disposal of pet waste. The social media materials were posted to the Neponset River Watershed Association’s Facebook and Twitter Accounts and Neponset Stormwater Partnership member communities were asked to “share/retweet” it on their own Facebook and/or Twitter accounts where available. The social media posts were shared on the Foxborough Conservation Commission Facebook page. Facebook ad campaign reached

829 Canton residents. The Facebook ad campaign reached 552 Foxborough residents.

Targeted Audience: Residents, Businesses, Industry

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Participation by 100% of NSP communities and reach to at least 1,000 people in the NSP region through social media.

Message Date(s): July 14 and July 26, 2021

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Fall Leaf Waste Campaign

Message Description and Distribution Method:

Prepared a social media campaign directed at the proper disposal of leaf waste consisting of a social media post to Facebook, Instagram and Twitter. The social media messages were posted to the Neponset River Watershed Association's accounts and member communities were asked to "share/retweet" it to their own accounts where available. The leaf and yard waste campaign directed users to a section of the NSP website detailing local information on yard waste disposal options. Additionally, Facebook ads regarding yard waste were created and run in Towns who chose to participate in paid social media advertising. The social media message was shared on the Town DPW's Facebook page. The Facebook/Instagram social media campaign reached 10,363 Foxborough residents.

Targeted Audience: Residents, Businesses, Industry

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Participation by 100% of NSP communities and reach to at least 1,000 people in the NSP region through social media.

Message Date(s): October 17, 2021 and October 29, 2021

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Spring Fertilizer and Grass Clipping Campaign

Message Description and Distribution Method:

Prepared an outreach campaign regarding proper use (or abstention from use) of fertilizer consisting of social media posts and an interactive “fertilizer calculator” on the NSP website. Social media posts were made on the Neponset River Watershed Association’s Facebook, Instagram, and Twitter Accounts and Neponset Stormwater Partnership member communities were asked to “share/retweet” it to their own accounts where available. The fertilizer and lawn care section of the NSP website was included in the post. Additionally, Facebook ads regarding fertilizer and lawn maintenance were created and run in Towns who chose to participate. The social media post was shared on the Town’s DPW Facebook page. The Facebook/Instagram social media campaign reached 17,512 Foxborough residents.

Targeted Audience: Residents, Businesses, Industry

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Participation by 100% of NSP communities and reach to at least 1,000 people in the NSP region through social media. NSP communities participated by redistributing one or more of the campaign materials with most communities participating in multiple distribution methods. A total of 173,184 people were reached through Facebook Ad Campaign, 6,888 through NepRWA’s Facebook Post, with an additional 1,999 people reached through Twitter.

Message Date(s): March 28 – April 13, 2022

Message Completed for: Appendix F Requirements Appendix H Requirements Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: School Outreach Program

Message Description and Distribution Method:

Due to COVID-19, most of the fall 2021 lessons took place on-line over Zoom or Google Meet. Prepared on-line PowerPoint-based program presentation that covered drinking water and stormwater infrastructure, local water resources, wastewater systems, water conservation, and stormwater pollution prevention techniques. As in previous years, the curriculum aligned with the MA 5PthP grade science curriculum standards. By March, we were presenting the program in-person. The program was delivered at the individual classroom level over the course of one (Foxborough, Norwood, Quincy) or two (Avon, Canton, Medfield, Milton, Sharon, Stoughton, Dedham and Westwood), 45-60-minute visits by a watershed educator. The educator also provided teachers with follow up materials to share with students and their families

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Reach at least 80% of households with 5PthP grade children in participating communities, and 100% positive feedback from participating classroom teachers. During the 2021-2022 school year a total of 226 classrooms were visited, representing 95% of total 5th grade classrooms in the participating communities and an estimated 3,000 families. (54 classes were visited once and 172 classrooms were visited twice.) Feedback from teachers was exceedingly positive for the on-line and in-person presentation materials

Message Date(s): September 2021 through June 2022 (school 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: Regional Education Mailing

Message Description and Distribution Method:

An educational mailing was prepared and mailed to all addresses in participating communities. The mailing was an 6x11 postcard that highlighted general stormwater pollution prevention tips. The mail piece referenced key information on fertilizer, lawn maintenance, methods to reduce stormwater runoff, and referred readers to additional information available at yourcleanwater.org and the stormwater hotline. The mailing was distributed to all business and residential addresses in the participating communities (Avon, Canton, Dedham, Foxborough, Medfield, Milton, Norwood Randolph, Sharon, Stoughton and Westwood) totaling 103,697 mailing addresses in all

Targeted Audience: Residents and Businesses

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Reach 100% of addresses in participating towns, including those who do not use social media or follow town government communication channels. 100% of addresses in the target area were reached, including all businesses, residential addresses, and PO Boxes (103,697 addresses total).

Message Date(s): June 28, 2022

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Outreach to Septic System Owners

Message Description and Distribution Method:

Prepared four social media outreach posts directed at all septic system owners in member communities. Effective outreach was designed to be efficiently delivered to the target audience. The campaign was designed to coordinate with the U.S. EPA's SepticSmart Week in the month of September and included EPA-provided graphics. NepRWA's shared the campaigns on Facebook and Twitter which tagged available municipal social media accounts to encourage them to share within each community. Additionally, digital flyers were distributed to each town for use on their own websites, newsletters, and social media.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Participation by 100% of NSP communities and reach to at least 1,000 people in the NSP region through social media.

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: "Problem Area" Outreach**Message Description and Distribution Method:**

Maintain a list of "problem areas" relying on the knowledge of Town officials as well as communications via the stormwater hotline. Address these "problem areas" with methods designed to correct stormwater pollution problems.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

Respond to identified "problem areas" with methods designed to correct specific pollution-generating behaviors.

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: Storm Drain Marking

Message Description and Distribution Method:

A program through which volunteers mark storm drains with educational messages has continued this year. The program consists of providing volunteers with all materials and information they need to carry out the task. Aluminum medallions are attached to the curb or pavement adjacent to storm drains using construction adhesive. The medallions have one of 3 messages “No Dumping, Only Rain in the Drain,” “Drains to Neponset,” or “No Dumping, Drains to Ocean.” Additional medallion variations such as “Drains to Charles” may be developed as the program ramps up. Volunteers are able to pick the areas they’d like to mark but are encouraged to choose areas with high pedestrian traffic or areas with known issues that can be addressed by storm drain marking (such as the “problem areas” discussed in Public Education BMP 9). Records of which catch basins have been marked are maintained by the NSP. The Program is expanding in 2022 to cover a larger number of NSP Towns

Targeted Audience: Residents, Businesses, and Institutions

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Continually distribute drain marking kits to interested volunteers

Message Date(s): Summer 2021 and Spring-Summer 2022

Message Completed for: Appendix F Requirements Appendix H Requirements Was this message different than what was proposed in your NOI? Yes No

If yes, describe why the change was made:

BMP: Think Blue “Fowl Weather” Video

Message Description and Distribution Method:

Partnered with MA Statewide Municipal Stormwater Coalition to secure MassDEP grant funding to distribute “Fowl Weather” advertising campaign, which helps viewers visualize how motor oil, pet waste, and trash become stormwater pollution. The campaign was operated on Facebook, Instagram, and YouTube. The video was translated into both Spanish and English and social media messaging was translated into the top six most spoken languages in the state.

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Reach a significant portion of the NSP service area population with a stormwater awareness message in a highly engaging format.

Message Date(s): May 31 to June 17, 2022

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Regional Water Quality Forum

Message Description and Distribution Method:

Organized a public presentation on data from the 2021 Volunteer Water Quality Monitoring Program (Public Participation BMP 2). The presentation covered the results from the 2021 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. Due to COVID protocols, the event was held via Zoom. Additionally, a recording of the presentation was posted on YouTube.

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Deliver detailed site-specific water quality data to interested residents and local officials in addition to general "state of the watershed" information for broader audiences.

Message Date(s): February 1, 2022

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Regional Water Quality Data Reports and Press Releases

Message Description and Distribution Method:

Organized data from the 2021 Volunteer Water Quality Monitoring Program (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.

Targeted Audience: Residents, Businesses, Institutions

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Produce materials for each participating town to use in disseminating the results of this year's water quality monitoring program.

Message Date(s): Summer 2022

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Educational Outreach Evaluation

Message Description and Distribution Method:

Conducted a survey that was included in the general mailer to over 103K 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. These feedback pieces also contained links to the pertinent webpages on the YourCleanWater.org website. The survey was also advertised via social media channels and various municipal email listservs. The intent is to repeat this survey regularly and monitor results over time.

Targeted Audience: Residents, Businesses, Institutions

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Produce results to compare future surveys against. In the results, determine the number of respondents who recall seeing previous NSP outreach materials, and quantify the correct responses to basic stormwater pollution prevention questions.

Message Date(s): Summer 2022

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: 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. Due to COVID restrictions, all presentations occurred online via Zoom.

Targeted Audience: Residents

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Present pertinent stormwater-related information to gathered groups as the opportunity arises.

Message Date(s): Throughout the Permit 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: Developer/Construction Outreach

Message Description and Distribution Method:

Prepared and provided the construction-focused stormwater pollution prevention outreach to Building Departments to distribute with permits involving earth work related activities. In addition, mailed 160 brochures to individual companies who have participated in land disturbing activities within the watershed. Last, developed an e-brochure for towns to display on their websites for those applying for permits online

Targeted Audience: Developer and Construction

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Provide construction-focused stormwater pollution prevention outreach to all companies who had engaged in land-disturbing activities in participating towns over the last year.

Message Date(s): Outreach distributed Spring 2021.

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

BMP: Industrial Outreach

Message Description and Distribution Method:

Prepared and provided stormwater best management practices to over 1000 industrial facilities in participating towns.

Targeted Audience: Industry

Responsible Department/Parties: Neponset Stormwater Partnership

Measurable Goal(s):

Provide industrial land use-focused stormwater pollution prevention outreach to all industrial properties in participating towns as determined by GIS.

Message Date(s): Outreach distributed on Spring 2021

Message Completed for: Appendix F Requirements Appendix H Requirements

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

If yes, describe why the change was made:

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:**

A public hearing is held annually at the Foxborough Town Hall for comments and discussion on the Stormwater Management Program. SWMP is also posted on Town website for 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 25, 2021, and April 23, 2022. At the fall event, approximately 400 volunteers worked at 12 locations to remove an estimated 400 bags of trash and debris as well as 92 tires from various waterways, parks, and wetlands. The spring event expanded even further to include 14 locations with approximately 300 volunteers locations to remove an estimated 350 bags of trash and debris.

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 DEP / EPA approved QAPP. The results are used to more meaningfully engage members of the public in implementation of the MS4 program, to inform municipal IDDE efforts, to track overall progress in restoring 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.

Public Participation BMP 3: Regional Water Quality Forum

Organized a public presentation on data from the 2021 Volunteer Water Quality Monitoring Program (Public Participation BMP 2). The presentation covered the results from the 2021 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. Due to COVID protocols, the event was held via Zoom and was publicized across the entire NSP service area and drew attendees from numerous communities with questions about water issues. Additionally, a recording of the presentation was posted on 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

Optional: Provide additional status information regarding your map:

Mapping is complete and continually updated by Town 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 outfall screening data is attached to the email submission
- The outfall screening data can be found at the following website:

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

Number of outfalls screened:

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

Percent of outfalls screened:

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

Catchment Investigations

If conducted, please submit all data collected during this reporting period as part of the dry and wet weather investigations. Also include the presence or absence of System Vulnerability Factors for each catchment.

- No catchment investigations were conducted
- The catchment investigation data is attached to the email submission
- The catchment investigation data can be found at the following website:

*Below, report on the number of catchment investigations completed **during this reporting period**.*

Number of catchment investigations completed this reporting period:

*Below, report on the percent of catchments investigated **to date**.*

Percent of total catchments investigated:

Optional: Provide any additional information for clarity regarding the catchment investigations below:

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 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:

Neponset Stormwater Partnership
Construction Erosion and Sediment Control BMP 1: Existing Bylaw and Regulation Review
Most participating towns updated stormwater bylaws and regulations by June 30, 2021. For those towns for whom COVID-related impacts delayed adoption, technical assistance and public outreach support was provided, including distribution of model bylaws/regulations, submission of feedback on drafts, and social media and other public messaging.

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

Ordinance or Regulatory Mechanism

Date update was completed (due in year 3):

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:

Retrofit Properties Inventory

Below, list the permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas (at least 5):

1. Edwards Road Boat Ramp (Jellyfish Filters)
 2. Foxborough Regional Charter School
 3. East Street and Cocasset Street Intersection Redesign
 4. 90 North Carl Annon Court
 5. Payson Road Athletic Complex – North Parking Lot
 6. Payson Road Athletic Complex – South Parking Lot
 7. Payson Road Athletic Complex – Ernie George Field
 8. Kersey Point Conservation Area
 9. Sunset Estates
 10. Igo Elementary School
 11. Council on Aging
 12. Lane Homestead Conservation Area
 13. Cocasset Street Underpass Drainage

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 as required. The Town has allocated \$45,000 toward a Feasibility Study to determine the next steps in upgrading the public works facility. Stormwater improvements are one of many needed upgrades.

Additional Information

Monitoring or Study Results

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

Not applicable

- The results from additional reports or studies are attached to the email submission
- The results from additional reports or studies can be found at the following website(s):

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

Additional Information

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

COVID-19 Impacts

Optional: If any of the above year 4 requirements could not be completed due to the impacts of COVID-19, please identify the requirement that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

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 5 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 5 below:

Part V: Certification of Small MS4 Annual Report 2021

40 CFR 144.32(d) Certification

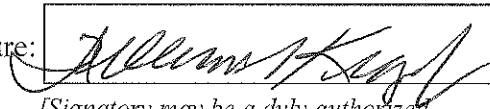
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage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

Name:

William Keegan

Title: Town Manager

Signature:



Date:

9/22/2022

[Signatory may be a duly authorized representative]