

Year 6 Annual Report

New Hampshire 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 type="checkbox"/> Bacteria/Pathogens	<input type="checkbox"/> Chloride	<input type="checkbox"/> Nitrogen	<input checked="" type="checkbox"/> Phosphorus
<input type="checkbox"/> Solids/ Oil/ Grease (Hydrocarbons)/ Metals			
TMDL(s)			
<input checked="" type="checkbox"/> Bacteria and Pathogen	<input type="checkbox"/> Chloride	<input type="checkbox"/> Lake and Pond Phosphorus	
<div style="border: 1px solid black; background-color: #f0f0f0; display: inline-block; padding: 2px 10px;">Clear Impairments and TMDLs</div>			

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:

- ☐ 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
- ☒ Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities
- ☒ Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt
- ☒ 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:

All of the stormwater drainage structures were not inspected during this reporting period, the Highway Department will be completing all inspections in Fall of 2024.

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:

Phosphorus Impairment

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) or swept at least once in the spring and implemented a fall leaf litter collection program

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

https://www.pelhamweb.com/sites/g/files/vyhlf4856/f/uploads/batt_report_pelham_2024-09-19.pdf

Total estimated phosphorus removed in **lbs/year** from the installed BMPs: 1.68

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:

Regarding the installation of a structural BMP as a demonstration project within the drainage area of the water quality limited water body, we were unable to complete this requirement by June 30, 2024. We created a design with Keach-Nordstrom Associates, Inc. for a bioretention area at Veteran's Memorial Park on Long Pond. I presented the project to the Board of Selectmen who approved of it for their Town Operating Budget. Next, I went before the Budget Committee. Despite my explanations and efforts, they elected to remove the bioretention structure from the Town Operating Budget. At the Town Deliberative Session, the residents voted to put the bioretention structure back into the Town Operating Budget. Finally, at Town vote in March, the Town Operating Budget was voted down and the structure was not included in the Default Operating Budget. A few months later, the Board of Selectmen approved the usage of American Rescue Plan Act funds to install the bioretention structure. Considering the timing of the summer camp at Veteran's Memorial Park and the short amount of time prior to the June 30 deadline, we were unable to get the structure installed on time.

We put the structure out to bid on September 12, 2024. We received documents from two interested bidders on September 27, 2024. We have already received a Shoreland Permit (2024-02833) from NHDES for the structure. The installation of the project is set to begin in October and finish in November of 2024. The status of the demonstration BMP will be included in the Year 7 Annual Report.

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:

According to the BATT report from UNH and NHDES, our street sweeping efforts removed 69.5 lbs of total phosphorus and 167.6 lbs of total nitrogen. Since Pelham joined PTAP in the spring, we put in one BMP structure to test out the program, which is why our phosphorus removal is so low for the entirety of a town. Throughout the upcoming permit year(s), I will work on finding and uploading information to PTAP relating to any BMPs installed from 2018 forward so that they can be accounted for.

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've added and taken out outfalls to update our records of structures. Receiving waters have not changed. Beaver Brook and Tony's Brook did not experience a change in impairments. Long Pond went from a 5-M status to a 5-P status for dissolved oxygen saturation. Long Pond also went from a 5-P to a 5-M for Total Phosphorus. There was no change in impairments for the Town Beach on Long Pond. Little Island Pond did not have a change in impairments. Frost Brook - Gumpas Pond was added in the 2020/2022 303(d) List for 5-M in pH.

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:Algal Blooms

Message Description and Distribution Method:

In July 2023, we put out education on identifying algal blooms and the physical harms they cause, along with ways to help reduce the frequency of these occurring. It provides the link to the reporting survey for NHDES. This was put into the Pelham Evergreen Newspaper as well, which is delivered to approximately 6,000 homes in Pelham.

Targeted Audience:

Responsible Department/Parties:

Measurable Goal(s):

• Facebook: reach – 317, impressions 367, engagement – 14, likes – 4, link clicks – 1, shares – 1, other clicks – 1

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:Household Hazardous Waste Alternatives

Message Description and Distribution Method:

In the August 2023 edition of the Pelham Evergreen Newspaper, we put out a flyer discussing alternatives to traditional household hazardous wastes that can be made from non-toxic, non-hazardous materials that are also friendly to the environment. Some of the items listed included toilet cleaner, bleach, oven cleaner, pesticides, and more. The flyer also included information for the Household Hazardous Waste Day event at the Highway Department on August 26. Included is a link to New Mexico State University which was the source for the recipes of the alternative household hazardous waste materials.

Targeted Audience:

Responsible Department/Parties: Planning/zoning department

Measurable Goal(s):

The newspaper is delivered to 6,000 homes in Pelham.

Message Date(s): August 2023 edition Evergreen newspaper

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:Household Hazardous Waste Day Posters

Message Description and Distribution Method:

The Town of Pelham along with NRPC hosted the Household Hazardous Waste Day event at the Highway Department. At the event, educational posters were placed that had the topics of pet waste, yard waste, septic systems, a DIY compost bin, and a DIY environmentally friendly weed spray.

Targeted Audience: Residents

Responsible Department/Parties: Planning/zoning Department

Measurable Goal(s):

214 people minimum participated and saw these posters

Message Date(s): August 26, 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:NHDES Post Share – National Water Quality Month

Message Description and Distribution Method:

We shared a post created by NHDES detailing helpful yard tips for water quality in honor of National Water Quality Month. It discusses using native plants, fertilizing with care, and using soak up the rain techniques like rain barrels or rain gardens.

Targeted Audience: Residents

Responsible Department/Parties: Planning/zoning Department

Measurable Goal(s):

Facebook: likes - 1

Message Date(s): August 30, 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:Septic Smart Week – Protect & Inspect

Message Description and Distribution Method:

During Septic Smart Week, we shared a graphic created by NHDES about protecting and inspecting your septic system to prevent failure. The image tells the audience about inspection timelines and pumping timelines. In the post caption, it is mentioned that not septic failures could cause damage to the environment and to your community as well.

Targeted Audience: Residents

Responsible Department/Parties: Planning/zoning Department

Measurable Goal(s):

Facebook: likes - 2

Message Date(s): September 22, 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:Yard Waste

Message Description and Distribution Method:

We released a flyer on yard waste in the Pelham Evergreen Newspaper which reaches over 9000 residents in Pelham along with Salem, Hudson, and Windham. We also put out a social media post about yard waste. These educational materials talked about how dumping yard waste into waterbodies is detrimental to the environment and the species that inhabit aquatic ecosystems. Also included is a suggestion for creating a compost bin that includes a link describing how to do so. The post discusses how yard waste can be a

contributing pollutant of phosphorus and nitrogen in surface waters.

Targeted Audience: Residents

Responsible Department/Parties: Planning/zoning Department

Measurable Goal(s):

- Facebook: post impressions – 297, post reach – 279, post engagement – 14, reactions – 2, link clicks – 2, other clicks - 4
- Instagram: post reach – 317, accounts engaged – 4, profile activity – 2, likes – 3, impressions - 339
- X (Twitter): impressions – 68, post engagements – 3, link clicks – 2, likes - 1

Message Date(s): October 24 and October 2023 Evergreen newspaper

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: Winter Maintenance

Message Description and Distribution Method:

We posted on social media one of the Salt Smart Collaborative graphics regarding salt use. The post says, “More salt doesn’t mean more melting.” The caption describes how if you apply salt evenly, it is more effective. Included is the link to the salt smart collaborative website so residents can find more information. In the December 2023 Evergreen Newspaper, we put in a flyer detailing different ways for residents and businesses to reduce their salt usage this winter. This is the same flyer we used last year. The newspaper has a reach of approximately 9000 people and goes to businesses in Salem, Windham, and Hudson as well.

Targeted Audience: Residents and businesses

Responsible Department/Parties: Planning/zoning Department

Measurable Goal(s):

- Facebook: post impressions – 591, post reach – 546, post engagement – 22, likes – 9, heart reacts – 2, shares – 5, other clicks - 4
- Instagram: reach – 182, impressions - 189
- X (Twitter): impressions - 55

Message Date(s): November 15, 2023 and December 2023 edition

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 Pollutants in NH

Message Description and Distribution Method:

In the January 2024 edition of the Evergreen, we put out a flyer detailing the common stormwater pollutants in New Hampshire along with how these pollutants get into the environment. The reach of the newspaper is now approximately 11,000 people spanning from Pelham to Hudson, Salem, and Windham. The flyer also provided source links for interested people to use for further research and information on the pollutants in NH.

Targeted Audience: Residents

Responsible Department/Parties: Planning/zoning Department

Measurable Goal(s):

The newspaper had 11,000 copies made for people spanning from Pelham, Hudson, Salem, and Windham

Message Date(s): January 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:[Salt Awareness Week Post

Message Description and Distribution Method:

The Town reposted a picture and caption on Facebook from NHDES about salt awareness week and ways to reduce salt usage in winter. The caption includes a link to a GREENWorks article about shoveling before using salt, scattering salt, and sweeping up excess salt. The article also contains a link to the road salt reduction page on the NHDES website.

Targeted Audience: Residents and businesses

Responsible Department/Parties: Planning/zoning Department

Measurable Goal(s):

- Facebook: likes – 2, shares - 3

Message Date(s): January 23, 2024

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

If yes, describe why the change was made:

BMP:Pet Waste

Message Description and Distribution Method:

We shared the pet waste image detailing why you should scoop the poop and it's impacts on the environment to Town social media. The post also includes the Every Drop pledge link. The image explains ways to prevent pet waste from entering waterbodies along with why pets are more important for waste than natural wildlife. The flyer was also in the April edition of the Evergreen Newspaper, which puts out 11,000 copies for the public. The flyer included the Every Drop pet waste pledge and two residents pledged that they would clean up after their pets.

Targeted Audience: Residents

Responsible Department/Parties: Planning/zoning Department

Measurable Goal(s):

- Facebook: reach – 964, post impressions – 1070, engagement – 58, reactions – 17, photo views – 30, shares – 3, other clicks - 8
- Instagram: reach – 212, impressions – 219, accounts engaged – 7, likes – 6, shares - 1
- Twitter: impressions - 40
- 2 Pet Waste Pledges

Message Date(s): March 15, 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:Spring Lawn Care

Message Description and Distribution Method:

In April, we submitted the lawn care post from last year to the May 2024 issue of the Evergreen newspaper. They have 11,000 copies in circulation. The informational graphic discusses fertilizers and excess nutrients, using grass clippings, and how overwatering can contribute to decreased water quality in ground and surface waters. The image was also posted to Town of Pelham social media.

Targeted Audience: Residents and businesses

Responsible Department/Parties: Planning/zoning Department

Measurable Goal(s):

- Facebook: post impressions – 899, post reach – 850, engagement – 38, likes – 7, photo views – 24, link clicks – 1, shares – 3, other clicks - 6
- Instagram: reach – 120, likes – 2, impressions – 27, accounts engaged – 3,
- Twitter: impressions – 46, engagements – 1

Message Date(s): April 12, 2024 and April 2024 Evergreen newspaper

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:Developers Education

Message Description and Distribution Method:

The Town posted the construction site erosion and sediment BMPs fact sheet created by NHDES in the Planning Department lobby. There are 5 copies for developers to take. The fact sheet discusses stormwater best management practices and how to select and install the best one for their site. It also discusses maintenance and inspections.

Targeted Audience: Developers (construction)

Responsible Department/Parties: Planning/zoning Department

Measurable Goal(s):

5 copies were placed in the Planning department, 1 flyer was taken

Message Date(s): May 2024-present

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:Leave No Trace

Message Description and Distribution Method:

For the June edition of The Evergreen Newspaper, the Town put out a Leave No Trace informational flyer about the decomposition rates of different litter items. Pet waste is also mentioned in this flyer for things to carry out. This was also posted to Town social media and a flyer was hung in the Town Hall lobby. The Evergreen Newspaper prints 11,000 copies for each monthly issue and is distributed to Pelham, Salem, Hudson, Windham, and more.

Targeted Audience: Residents

Responsible Department/Parties: Planning/zoning Department

Measurable Goal(s):

- Facebook: reach – 119, post impressions – 127, engagement – 5, likes – 3, photo views – 1, link clicks - 1
- Instagram: reach – 135, impressions – 138, accounts engaged – 3, likes - 3
- Twitter/X: impressions - 33

Message Date(s): June 17, 2024 and June 2024 Evergreen newspaper

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:**

On May 15, 2024, we held our annual Stormwater Stakeholder Group meeting. We had three residents in the audience along with our regular members. Some topics that were discussed include: applying for the Clean Water State Revolving Fund, public comments for the SWMP, the phosphorus-treating structural BMP requirement on Long Pond, and public education events. No public comments were received on the SWMP during this Permit year. We always have an option on the town stormwater website for residents to submit a comment on the SWMP.

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:**

On 8/26/2023, the Town of Pelham and the Nashua Regional Planning Commission hosted a Household Hazardous Waste Day event where residents of the region could come and properly dispose of their hazardous wastes. At the event, we placed 5 posters about pet waste, septic systems, yard waste, a DIY compost bin, and a DIY environmentally friendly weed spray. Residents were able to view these posters while they waited in line. 214 cars came through representing 220 families, of which 136 families were from Pelham.

On 9/16/2023, the Town of Pelham sponsored a booth run by members of the Stormwater Stakeholder Group about watersheds and environmental impacts created by people at Pelham Old Home Day. The Town donated 5 information posters, used also at Household Hazardous Waste Day, along with 200 flyers regarding different topics ranging from pet waste, yard waste, what is an illicit discharge, septic system maintenance, lawn care/fertilizers, and more. The booth had a watershed model that residents/visitors could view and people could earn a Swedish fish candy by answering questions about watersheds.

On September 30, 2023, we hosted a park cleanup day at Muldoon Park for members of the public to come and participate in. We had a total of 22 people attend and worked from 10am-12pm. The volunteers planted new bushes along the walking path to replace ones that had died, clipped back vegetation hanging over the walking path, cleaned up trash in the park and throughout the disc golf trails, and cleaned up the playground area of weeds and replaced wood chips.

On April 6th, 2024, the Town of Pelham hosted the Protect Our Ponds: Understanding Watersheds and Cyanobacteria Conference. There were three sessions during the day: a presentation by NHDES Watershed Coordinator Nisa Marks about watersheds, an interactive portion where people could meet members of NHDES, NH Lakes, NRPC, Dr. Jessica Trout-Haney from Dartmouth College, Dr. Janet Holden and her students from Pelham High School and their project on well testing, and the pond associations for Long Pond, Little Island Pond, and Gumpas Pond. The day ended with a panel composed of Nisa Marks, Andrea LaMoreaux from NH Lakes, and Dr. Jessica Trout-Haney from Dartmouth College. People asked thoughtful questions, and the day was considered to be very educational. We had 69 attendees from throughout New Hampshire and Massachusetts, 39 were Pelham residents.

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:

Pelham has all of the current outfalls mapped and accurate within 30 feet, all of the current catch basins, and approximately half of the pipes mapped. Manholes and refined catchment delineations have not been mapped because catchment investigations have not yet occurred. Pelham does not have sanitary sewer and combined sewer, therefore those data points are not applicable and will not be included in the Phase II map.

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 publicly available website:

https://www.pelhamweb.com/sites/g/files/vyhlf4856/f/uploads/year_4_dry_weather_outfall_screening_data.pdf

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

Number of outfalls screened:

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

Percent of outfalls screened:

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

We will begin dry weathering screening all outfalls again in 2025 for the five-year screening cycle that ends in Year 8.

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:

We will begin catchment investigations in Year 7 with the help of our environmental consultant.

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:

https://www.pelhamweb.com/sites/g/files/vyhlf4856/f/uploads/pelham_iddep_2024.pdf

*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: 9

Total number of illicit discharges removed: 9

Optional: Provide any additional information for clarity regarding illicit discharges identified, removed, or planned to be removed below:

The illicit discharge reports for this reporting period are found on page 203 of the Illicit Discharge Detection and Elimination Program.

Employee Training

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

Employee training is conducted annually, and was performed on March 5th, 2024. The training was done through an in-person PowerPoint Presentation and included materials from NHDES regarding illicit discharges and Stormwater Pollution Prevention Plans. The training had representatives from the Highway Department, Cemetery Department, Transfer Station, the Pelham School District Maintenance Department, the Police Department, and the Fire Department.

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: 17

Number of inspections completed: 41

Number of enforcement actions taken: 4

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

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

Ordinance or Regulatory Mechanism

Date update was completed (due in year 3): July 19, 2021

Website of ordinance or regulatory mechanism: https://www.pelhamweb.com/sites/g/files/vyhlif4856/f/uploads/land_use_regulations_adopted_07-19-21.pdf

As-built Drawings

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

Number of as-built drawings received: 1

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

Street Design and Parking Lots Report

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

No changes have been made or are planned to be made based on the report completed in Year 4. We feel that our regulations accomplish what was asked in the Regulation Assessment Report.

Green Infrastructure Report

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

No changes have been made or are planned to be made based on the report completed in Year 4. We feel that our regulations accomplish what was asked in the Regulation Assessment Report.

Retrofit Properties Inventory

Below, list remaining permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas:

68 Old Bridge Street
Main Street (NH GIS ID: 06169-023-008-018)

31-74 Newcomb Field Parkway
 6 & 14 Village Green
 27 Muldoon Parkway
 24 & 36 Village Green
 Mammoth Road (NH GIS ID: 06169-039-006-181)
 8 Nashua Road
 Mammoth Road (NH GIS ID: 06169-028-002-035)

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.e 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.

No properties have been retrofitted yet with BMPs to mitigate impervious areas as inventoried by part 2.3.6.e. of the permit.

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:

If a catch basin sump is found to be more than 50% full during two consecutive inspections, it would be inspected and cleaned more frequently. The Town of Pelham Highway Department has their own catch basin cleaning truck and can use it when needed.

Street Sweeping

*Report on the number of miles swept **during this reporting period** below.*

Number of miles cleaned:

Report either the volume or weight of street sweeping materials collected **during this reporting period** below.

- ☒ Volume of material removed: cubic yards
- ☐ 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:

At the Cemetery Department, they cleaned out excessive leaves in one of the catch basins in Gibson Cemetery. At the Transfer Station, they removed excess vegetation in front of a swale headwall and the outlet pipe. They also shoveled out a catch basin that had excessive sediment and trash debris.

I would like to note that the number of inspections will not be as high in subsequent Annual Reports because I was notified by NHDES that I do not need SWPPPs for the schools.

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):

https://www.pelhamweb.com/sites/g/files/vyhlf4856/f/uploads/water_quality_sampling_data_year_6.pdf

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:

Physical conditions such as temperature and appearance/odor were noted in the field. Tested parameters included: ammonia, total chlorine, conductivity, surfactants, total phosphorus, dissolved oxygen, and pH. Samples for total phosphorus and E. Coli were collected and brought to Eastern Analytical, Inc. for testing.

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 ☒

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:

JOSEPH ROARK

Title:

TOWN ADMINISTRATOR

Signature:



Date:

9/25/24

[Signatory may be a duly authorized representative]