Year 6 Annual Report

New Hampshire Small MS4 General Permit

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

Town of Seabrook, NH

EPA NPDES Permit Number NHR041033

Certification of Small MS4 Year 6 Annual Report

"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 gathered and evaluated 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, 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."

Printed Name: William M. Manzi, III	
Title: Town Manager	
Signature:	Date: 9/27/24

Authorized Representative:

The authorization letter is:

☐ Attached to this document (document name listed below):

☒ Publicly available at the website:

https://seabrooknh.info/wp-content/uploads/2019/07/NH_MS4_Authorization_Seabrook_NHR041033.pdf

Primary MS4 Program Manager Contact Information:

Name: William M. Manzi, III	Title/Position: Town Manager	
Department: Town of Seabrook, NH		
Street Address: 99 Lafayette Road, P.O. Box 456		
City: Seabrook	State: New Hampshire	Zip Code: 03874
Email: wmanzi@seabrooknh.org	Phone Number: (603) 474-3252	

Small MS4 Authorization

The following annual report, which serves as a self-assessment, is intended to document the activities undertaken over the **reporting period from July 1, 2023, through June 30, 2024,** in accordance with the Permit.

The Notice of Intent (NOI) can be found at the following (document name or web address):

https://www.epa.gov/npdes-permits/regulated-ms4-new-hampshire-communities

Compliance activities have been identified and described in the Town of Seabrook, NH's Stormwater Management Program Plan (SWMP) and Illicit Discharge Detection and Elimination (IDDE) Plan. Those documents and other pertinent Year 6 information can be found in submission or at the following websites, and will be referred to throughout this report:

SWMP: https://seabrooknh.info/wp-content/uploads/2024/09/Stormwater-Management-Program-SWMP-Year-6.pdf
Date SWMP was Last Updated: September 24, 2024
IDDE Program Plan: https://seabrooknh.info/wp-content/uploads/2024/09/Illicit-Discharge-Detection-Elimination-IDDE-Plan-Year-6.pdf
Updated System Map: IDDE Plan Appendix B
Progress on Completion of System Map: IDDE Plan Section 3
Updated SSO Inventory: IDDE Plan Section 4
Updated Inventory and Ranking of Outfalls/Interconnections: IDDE Plan Section 5
Dry Weather Screening Data: IDDE Plan Section 7.3
Wet Weather Screening Data: IDDE Plan Section 7.4
Catchment Investigation Data: IDDE Plan Section 7
System Vulnerability Factors: IDDE Plan Section 7.2
Illicit Discharge Removal Report: N/A
Results from additional stormwater or receiving water quality monitoring reports or studies: N/A
PTAP 2024 Nutrient Reduction Report: N/A

Salt Reduction Plan: https://seabrooknh.info/wp-content/uploads/2023/09/Appendix-H-Salt-Reduction-Plan.pdf
Annual Salt Usage Report: https://seabrooknh.info/wp-content/uploads/2024/09/Salt-Usage-Report_Town-of-Seabrook_NH.pdf

Updated Nitrogen Source Identification Report: N/A
PTAP 2024 Nutrient Reduction Report: N/A
Town of Seabrook NH Nutrient Tracking Program Report: N/A

Updated Phosphorus Source Identification Report: N/A
PTAP 2024 Nutrient Reduction Report: N/A
Town of Seabrook NH Nutrient Tracking Program Report: N/A

Street Sweeping Schedule: https://seabrooknh.info/wp-content/uploads/2024/09/Stormwater-Management-Program-SWMP-Year-6.pdf
Chloride Reduction Plan: N/A
Annual Salt Usage Report: https://seabrooknh.info/wp-content/uploads/2024/09/Annual-Salt-Usage-Report_Town-of-Seabrook_NH.pdf

Lake Phosphorus Control Plan: N/A
PTAP 2024 Nutrient Reduction Report: N/A
Town of Seabrook NH Nutrient Tracking Program Report: N/A

Self-Assessment

Select the impairment(s) and/or TMDL(s) that are applicable to your MS4. Make sure you are referring to the 2020/2022 EPA approved Section 303(d) Impaired Waters List which was used for the Year 6 reporting period and can be found on the New Hampshire Department of Environmental Services (NHDES) webpage.

All **Appendix F and H requirements** can be found under "Appendix F and H: Water Quality Limited Waters & TMDLs" section of this report.

Impairment(s)		
☒ Bacteria/Pathogens	☒ Chloride	☐ Nitrogen
☐ Phosphorus	☒ Solids/Oil/Grease (Hydrocarbons)/Metals	
TMDL(s)		
☒ Bacteria and Pathogens	☐ Chloride	☐ Lake and Pond Phosphorus

Receiving Waters/Impaired Waters/TMDL

Have there been any changes to your lists of **receiving waters or impairments** since the NOI was submitted?

☒ No

There have been no changes to the lists of **receiving waters or impairments** since the NOI submission.

Have there been any changes to your **list of outfalls** since the NOI was submitted?

☒ No

The Town of Seabrook NH has not made changes to the **list of outfalls** since the NOI submission.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

Minimum Control Measures

MCM 1: Public Education

Total number of all MS4 related educational efforts completed ***during this reporting period***: 30

Were any of the messages below different than what was proposed in your NOI?

☒ No.

☐ Yes.

BMP: Pet Waste Disposal

Outreach Resources:

Pet waste related flyers, mailers, postcards, and videos found on the MCM #1 webpage of the NH MS4 website.

Description:

Household Hazardous Waste Day 2023

Targeted Audience:

Residents - Pet Owners

Responsible Department/Parties:

DWP/DPW Consultant

Measurable Goal(s):

Dog owners **and/or** dog walkers are aware of the potential water quality impacts from pet waste, local pet waste ordinances, and how to dispose of pet waste properly. If pledges are signed, there will be an increase of dog owners committed to picking up pet waste.

Following is the number of residents that pledged through the PREP "Every Drop" website ***during this reporting period***:

Year 6 = 0

Household Hazardous Waste Day 2023: 23 residents of the Town of Seabrook attended the event ***during this reporting period*** where flyers were on display.

Goal was achieved.

Message Date: October 21, 2023

BMP: Construction/Developers Outreach

Outreach Resources:

Construction/developers related letter and fact sheets found on the MCM #1 webpage of the NH MS4 website.

Description:

☒ Provide the Construction General Permit (CGP) fact sheets to developers, construction contractors, and other municipal or local organizations to educate them on the EPA 2022 Construction General Permit along with information on the selection, installation, and maintenance of construction related best management practices.

☒ Review the construction checklist with developers and construction contractors prior to the beginning of construction projects (pre-construction) to identify responsible parties, erosion control practices, other best management practices, and requirements for the EPA Construction General Permit as appropriate.

Targeted Audience:

Construction/Developers

Responsible Department/Parties:

DPW/DPW Consultant

Measurable Goal(s):

Contractors, developers, and municipal or local organizations are made aware of the EPA 2022 Construction General Permit and its associated requirements including that those who wish to be considered a qualified person to conduct inspections must meet EPA training standards. Contractors, developers, and municipal or local organizations are also educated on how to properly select, install, and maintain construction related best management practices.

Following is the number of fact sheets that were distributed to contractors, developers, and municipal or local organizations ***during this reporting period***:

Year 6 = 7 of CGP fact sheets

Year 6 = 7 of BMP fact sheets

The Town of Seabrook NH held 7 pre-construction meetings, representing 100% of projects that received planning board approval and began construction ***during this reporting period*.**

Goal was achieved.

Message Date: July 1, 2023 – June 30, 2024

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

MCM 2: Public Participation

☒ Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements as described in the Town of Seabrook NH SWMP.

☒ Kept records relating to the permit for 5 years and made available to the public.

Describe the opportunity provided for public involvement in the development of the Stormwater Management Program (SWMP) ***during this reporting period***:

Description:

The Stormwater Management Program (SWMP) was publicly reviewed at the Town of Seabrook NH's stormwater website where the public can provide comments. Documents and records relating to the permit are retained and available for 5 years to the public at https://seabrooknh.info/wp-content/uploads/2024/09/Stormwater-Management-Program-SWMP-Year-6.pdf

Was this opportunity different than what was proposed in your NOI?

☒ No.

☐ Yes.

Measurable Goal(s):

Input was received and records are maintained.

Goal was achieved.

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

Public involvement or participation opportunities are ancillary to daily operations.

The Town of Seabrook NH has conducted the following public involvement or participation opportunities: 2023 Household Hazardous Waste Day, 23 residents of the Town of Seabrook NH attended the event.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

☒ This SSO section is NOT applicable because we DID NOT find any new SSOs.

Below, report on the number of SSOs identified in the MS4 system and removed:

Number of SSOs identified ***during this reporting period***: 0

Number of SSOs removed ***during this reporting period***: 0

MS4 System Mapping

☒ Updated **Phase 1** system map due in Year 2 as necessary:

Provide additional status information regarding your map:

Map of storm sewer system and associated outfalls is continually updated to reflect findings and changes.

☒ Updated **Phase 2** system map (due in Year 10):

Percent of Phase 2 map completed: 0% as of June 30, 2024.

Provide additional status information regarding your map:

Map of storm sewer system, catchments, and related elements is continually updated to incorporate findings and changes from catchment investigations.

Screening of Outfalls/Interconnections

Dry Weather Screening

☒ No outfalls were inspected for dry weather screening ***during this report period***.

Below, report on the number of outfalls screened in the MS4 system:

Number of outfalls/interconnections screened ***during this reporting period***: 0

Percent of total known outfalls/interconnections screened ***to date (Year 1 – Year 6)***: 100%

The inventory and ranking of outfalls/interconnections was not updated during Year 6 because outfalls/interconnections were not inspected. No changes in ranking parameters were observed during field investigations and review of available resources.

Wet Weather Screening

☒ No outfalls/interconnections were inspected for wet weather screening ***during this report period***.

Number of outfalls screened ***during this reporting period***: 0

Percent of total known outfalls/interconnections screened ***to date (Year 1 – Year 6)***: 0%

Catchment Investigations

☒ Catchment investigations were conducted, and data can be found in submission **and/or** at the following website: https://seabrooknh.info/wp-content/uploads/2024/09/Illicit-Discharge-Detection-Elimination-IDDE-Plan-Year-6.pdf.

Number of catchment investigations ***during this reporting period***: 6. Catchment Investigations were conducted as outlined in Part 2.3.4.8. of the permit and include investigations associated with Problem, High Priority, and Low Priority Outfalls and Interconnections within the MS4 regulated area.

Percentage of total catchments investigated ***to date (Year 1 - Year 6)****:* 60%

IDDE Progress

☒ No illicit discharges were found ***during this reporting period***.

Number of illicit discharges identified ***during this reporting period***: 0

Number of illicit discharges removed ***during this reporting period***: 0

Estimated gallons of flow removed ***during this reporting period***: 0 gallons/day

Total number of illicit discharges identified ***since the effective date of the permit (July 1, 2018 – June 30, 2024)***: 4

Total number of illicit discharges removed ***since the effective date of the permit (July 1, 2018 – June 30, 2024)***: 4

Employee Training

☒ Provided training to employees involved in IDDE program ***during this reporting period***:

The Town of Seabrook NH staff were trained using IDDE training videos and a written IDDE SOP created by UNH, the City of Dover, and NHDES. Video topics included collecting data and water samples in the field, analyzing for pertinent parameters as identified in the permit, how to identify an illicit discharge, and general IDDE sampling protocols. Training logs are included in Appendix F of the IDDE Program Plan.

In addition, the Town of Seabrook NH routinely provides IDDE materials and training, including information on how to identify illicit discharges and SSOs are made available to applicable employees in accordance with IDDE Program Plan.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

MCM 4: Construction Site Stormwater Runoff Control

The following tasks are in progress in accordance with the permit:

Number of site plan reviews completed ***during this reporting period***: 10

Number of inspections completed ***during this reporting period***: 31

Number of enforcement actions taken ***during this reporting period***: 0

The Town of Seabrook NH works closely with contractors to address environmental concerns for the least environmental impact.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

Ordinance or Regulatory Mechanism

☒ The Town of Seabrook NH has a regulatory mechanism(s) consistent with permit requirements. Date regulatory mechanism(s) was adopted: Prior to July 1, 2021. The regulatory document can be found at: https://seabrooknh.info/wp-content/uploads/2020/12/Subdivision-Regs-dated-17Nov2020.pdf.

As-built Drawings

Number of as-built drawings received ***during this reporting period***: 0

Street Design and Parking Lots Report

☒ No updates were made ***during this reporting period*** because all required updates have been made to make low impact designs allowable as outlined in the **Assessment Report**.

☒ Updates were recommended **and/or** planned to be made to **Local Regulations and/or Guidelines** ***during this reporting period***. Following are the recommended updates:

The Site Plan Review Regulations could be adjusted to allow for reductions in parking space size dimensions based on the angle of the parking stall, accessibility requirements, and specialty vehicles which may be occupying it. The anticipated date of completion for updates is the next planned revision or amendment of the Site Plan Review Regulations.

Green Infrastructure Reports

☒ No updates were made ***during this reporting period*** because all required updates have been made to make green infrastructure practices allowable as outlined in the **Assessment Report**.

☒ No updates were made ***during this reporting period*** because all required **Local Regulation** updates have been made to make green infrastructure practices allowable as outlined in the Assessment Report.

The Site Plan Review Regulations could be slightly adjusted to include an ordinance under Section 14.035: Stormwater Management and Low Impact Development (LID) permitting the use of water harvesting and use of stormwater for non-potable uses, referencing the Soak Up the Rain project. The anticipated date of completion for the update is the next planned revision or amendment of the Site Plan Review Regulations.

Retrofit Properties Inventory

☒ The Town of Seabrook NH has identified the remaining permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas and of which are included in the list below:

List of MS4 Properties: All MS4 properties were identified in Year 4.

List of Non-MS4 Properties: None

☐ The Town of Seabrook NH has modified or retrofitted the following MS4 **and/or** Non-MS4 properties with BMPs to mitigate impervious area that were inventoried as part of 2.3.6.e of the permit. Following is a list of the properties that were modified or retrofitted as well as the type of BMP(s) that were implemented:

List of MS4 Properties: None

List of Non-MS4 Properties: None

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

The Town of Seabrook NH is in the process of researching funding opportunities for a BMP retrofit project.

MCM 6: Good Housekeeping

Catch Basin Cleaning

☒ Stored and disposed of catch basin cleanings so they did not discharge to receiving waters.

☒ Report on the actions taken if a catch basin sump is more than 50% full during two consecutive routine inspections/cleaning events:

No actions were taken because no catch basin sumps were more than 50% full during two consecutive routine inspections/cleaning events.

Number of catch basins inspected ***during this reporting period***: 1,000

Number of catch basins cleaned ***during this reporting period***: 1,000

Total volume **or** mass of material removed from **all** catch basins ***during this reporting period***: 15 CY

Total number of catch basins within the MS4 system: 1,200

Street Sweeping

☒ Stored and disposed of street sweepings so they did not discharge to receiving waters.

☒ All curbed roadways were swept at least once within the reporting period.

All curbed roadways were swept at least once ***during this reporting period.***

Number of (lane) miles swept ***during this reporting period***: 2

Volume of swept material ***during this reporting period***: 10 CY

Stormwater Pollution Prevention Plan (SWPPP)

The Town of Seabrook NH has implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities that are not currently covered under another NPDES Permit.

Number of site inspections completed for ***during this reporting period***: 4

Number of corrective actions taken ***during this reporting period***: 0

Describe any corrective actions taken at a facility with a SWPPP:

No corrective actions necessary.

Operations and Maintenance (O & M) Programs

☒ O&M programs for all permittee owned facilities have been completed and/or updated as noted below:

- ☒ Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs.
- ☒ Updated inventory of all permittee owned facilities as necessary.
  All permittee owned facilities, including an inventory, are included in our SWMP. There were no changes to report during Year 6.
- ☒ Implemented program for MS4 infrastructure maintenance to reduce the discharge of pollutants as outlined in the SWMP.
- ☒ Inspected all permittee owned treatment structures (excluding catch basins) as outlined in the SWMP.
- ☒ Enclosed all road salt storage piles or facilities and implemented winter road maintenance procedures to minimize the use of road salt as outlined in the SWMP.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

Appendix F and H:

Water Quality Limited Waters & TMDLs

Bacteria/Pathogens Impairment (Appendix H) AND TMDL (Appendix F)

☒ Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate ***during this reporting period.***

☒ Permittee or its agent(s) disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time ***during this reporting period.***

☐ Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria ***during this reporting period.***

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

Chloride Impairment (Appendix H)

☒ Permittee **has** a chloride impairment.

- ☒ Fully implemented Salt Reduction Plan which can be found in submission **and/or** at the following website: https://seabrooknh.info/wp-content/uploads/2023/09/Appendix-H-Salt-Reduction-Plan.pdf

  The Municipal Green SnowPro Certification Program's (Program) rules and regulations were approved and adopted in 2024. The Program anticipates they will be ready to accept voluntary applications from municipalities in fall of 2024.

- ☒ Reported amount of salt applied to all municipally-owned and maintained surfaces by completing the New Hampshire DES Annual Salt Usage reporting form and submitting it to NHDES, and can be found in submission **and/or** at the following website: https://seabrooknh.info/wp-content/uploads/2024/09/Salt-Usage-Report_Town-of-Seabrook_NH.pdf. The UNH Technology Transfer Center online tool is non-functional and has been for several years.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

Nitrogen Impairment (Appendix H)

☒ Permittee **does not** have a nitrogen impairment.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

Phosphorus Impairment (Appendix H)

☒ Permittee **does not** have a phosphorus impairment.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

Solids, Oil and Grease (Hydrocarbons), or Metals Impairment(s) (Appendix H)

☒ Permittee **has** a solids, oil and grease, or metals impairment(s).

- ☒ Increased street sweeping frequency of all municipal owned streets and parking lots to a schedule that targets areas with potential for high pollutant loads ***during this reporting period.*** The Town of Seabrook NH street sweeping schedule can be found in submission **and/or** at: https://seabrooknh.info/wp-content/uploads/2024/09/Stormwater-Management-Program-SWMP-Year-6.pdf

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

Chloride TMDL (Appendix F)

☒ Permittee **does not** have a chloride TMDL.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

Lake and Pond Phosphorus TMDL (Appendix F)

☒ Permittee **does not** have a lake and pond phosphorus TMDL.

Describe progress made on any **incomplete requirements** listed above **or** optionally provide any additional relevant details, in the box below:

Not Applicable.

Additional Required Information

Monitoring or Study Results

Results from all stormwater or receiving water quality monitoring or studies conducted ***during the reporting period*** and ***not otherwise mentioned above***, where the data is being used to inform permit compliance or permit effectiveness is:

☒ Not applicable.

Description of Any Changes in Identified BMPs or Measurable Goals

The Town of Seabrook NH has implemented activities in accordance with the permit and outlined in the SWMP. All BMPs and measurable goals outlined in the SWMP are appropriate.

Activities Planned for Next Reporting Period

The Town of Seabrook NH will continue to implement activities in accordance with the permit and SWMP.

Annual Report Submission

Your completed Annual Report and all associated documents must be sent to EPA by **September 30, 2024**. It is optional to send your completed Annual Report to NHDES as well.

Your Annual Report can be submitted either by email or mail:

Submittal Method	EPA	NHDES (Optional)
Email (preferably in pdf with all attachments as separate documents)	stormwater.reports@epa.gov	Deborah.S.Loiselle@des.nh.gov
Mail (postage)	Michelle Vuto US EPA– 06-4 5 Post Office Square, Suite 100 Boston, MA 02109	Deborah Loiselle Watershed Management Bureau 29 Hazen Drive; PO Box 95 Concord, NH 03302-0095