

Year 6 Annual Report

New Hampshire Small MS4 General Permit

EXISTING PERMITTEES

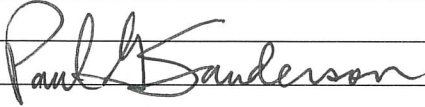
Reporting Period: July 1, 2023 - June 30, 2024

TOWN OF GREENLAND

EPA NPDES Permit Number NHR041009

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: Paul G. Sanderson	
Title: Town Administrator	
Signature: Paul G. Sanderson 	Date: 9/30/2024

Authorized Representative:

The authorization letter is:

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

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☒ Publicly available at the website:

https://www.greenland.nh.gov/home/files/authorized-representative-09252023

Primary MS4 Program Manager Contact Information:

Name: Paul Sanderson	Title/Position: Town Administrator		
Department:			
Street Address: 11 Town Square			
City: Greenland	State: New Hampshire	Zip Code: 03840	
Email: psanderson@greenland.nh.gov	Phone Number: 603-431-7111		

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 Greenland 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://www.greenland-nh.com/sites/g/files/vyhlf4476/f/pages/swmp-6-18-21.pdf
Date SWMP was Last Updated: 6-18-21
IDDE Program Plan: https://www.greenland-nh.com/sites/g/files/vyhlf4476/f/pages/doc9_greenland_idde_ordprogram_draft_9_30_19.pdf
Updated System Map
Progress on Completion of System Map
Updated SSO Inventory: N/A, Greenland has no SSO
Updated Inventory and Ranking of Outfalls/Interconnections:
Dry Weather Screening Data:
Wet Weather Screening Data:
Catchment Investigation Data:
System Vulnerability Factors:
Illicit Discharge Removal Report:
Results from additional stormwater or receiving water quality monitoring reports or studies:

PTAP 2024 Nutrient Reduction Report: N/A
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Salt Reduction Plan: See attached submission
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Annual Salt Usage Report See attached submission
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Updated Nitrogen Source Identification Report:
PTAP 2024 Nutrient Reduction Report: N/A
Greenland Nutrient Tracking Program Report: N/A

Updated Phosphorus Source Identification Report: N/A
PTAP 2024 Nutrient Reduction Report: N/A
Greenland Nutrient Tracking Program Report: N/A

Street Sweeping Schedule: see attached submission

Chloride Reduction Plan: N/A
Annual Salt Usage Report: N/A

Lake Phosphorus Control Plan: N/A
PTAP 2024 Nutrient Reduction Report: N/A
Greenland 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)		
<input type="checkbox"/> Bacteria/Pathogens	<input checked="" type="checkbox"/> Chloride	<input checked="" type="checkbox"/> Nitrogen
<input type="checkbox"/> Phosphorus	<input checked="" type="checkbox"/> Solids/Oil/Grease (Hydrocarbons)/Metals	
TMDL(s)		
<input type="checkbox"/> Bacteria and Pathogens	<input type="checkbox"/> Chloride	<input type="checkbox"/> 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?

☐ Yes

Changes have been made to the lists of receiving waters or impairments since the NOI submission. The following **impairments and/or TMDLs** have been added or delisted:

Water Quality Impaired Waters:

TMDL:

☒ 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?

☐ Yes

Changes have been made to the **list of outfalls** since the NOI submission.

A total of ##Number outfall(s) have added.

A total of ##Number outfall(s) have removed.

☒ No

Greenland 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:

N/A

Minimum Control Measures

MCM 1: Public Education

Total number of all MS4 related educational efforts completed *during this reporting period*: 3

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

☒ No.

☐ Yes. made changes due to.

BMP: Grass and Fertilizer

Outreach Resources:

Grass and fertilizer related flyers, mailers, postcards, videos and social media posts found on the [MCM #1 webpage](#) of the NH MS4 website.

Description:

Distribution and promotion of "Green Grass and Clean Water" **and/or** municipally created flyers, mailers, postcards, videos, **and/or** social media posts. "Green Grass and Clean Water" materials were produced by UNH Cooperative Extension, NH Sea Grant, and NHDES outlining simple recommendations to keep lawns healthy while reducing water quality impacts - including proper fertilizer techniques and disposal of grass clippings.

Greenland Campaign

Targeted Audience:

Residential **and/or** Business and Institutions

Responsible Department/Parties:

The Town Administrator is responsible for this MS4 outreach effort

Measurable Goal(s):

Residents that are lawn care enthusiasts understand the potential water quality impacts from fertilizer and improper disposal of grass clippings and are aware of the proper lawn care management techniques for reducing those impacts. Measurement includes quantity of materials distributed.

Following are the number of flyers, mailers, **and/or** postcards that were distributed *during this reporting period*:

Year 6 = 0 flyers distributed

Year 6 = 0 mailers

Year 6 = 0 postcards

Following is the number of impressions the social media posts received **during this reporting period:**

Year 6 = 143 impressions, and 1 post

Following is the number of views the videos received **during this reporting period:**

Year 6 = unknown views

Greenland Campaign Metrics (Location and number of people who viewed display at event, number of people who attended the public presentation, etc.) during this reporting period. *No campaign events were held in this period*

Goal was partially achieved.

Message Date: continual on the website

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:

Distribution and promotion of “Every Drop” **and/or** municipally created flyers, mailers, postcards, brochures, **and/or** videos with educational information about proper pet waste management, impacts of improper management, pet waste ordinance, and disposal requirements messaging. May include the “Every Drop” pledge to pick up pet waste to be made available during dog registration and other events or venues (veterinarians, dog training, groomers, etc.). Every Drop is a collaborative education effort with PREP, NHDES, and other partners.

Greenland MUNICIPAL Campaign (Display at event, installation of dog waste stations, etc.) No in person campaign event was held during the reporting period

Targeted Audience:

Residents - Pet Owners

Responsible Department/Parties:

Town Administrator was responsible for this MS4 outreach effort

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 = None

Following are the number of flyers, mailers, postcards, **and/or** brochures that were distributed *during this reporting period:*

Year 6 = 0 of flyers

Year 6 = 0 of mailers

Year 6 = 0 of postcards

Year 6 = 0 of brochures

Following is the number of views the videos received *during this reporting period:*

Year 6 = 0 of views

Greenland MUNICIPAL Campaign Metrics (Location and number of people who viewed display at event, number of dog waste stations installed, etc.) *during this reporting period* **None**

Goal was not achieved.

Message Date: Summer **or** time of license renewal **or** municipal campaign date

BMP: Disposal of Leaf and Grass Clippings

Outreach Resources:

Leaf and grass clippings related flyers, brochures, pledges, door hangers, and videos found on the [MCM #1 webpage](#) of the NH MS4 website.

Description:

Distribution and promotion of municipally created flyers, brochures, pledges, door hangers, and videos with messaging about impacts from yard waste to waterbodies, alternatives to dumping yard waste, and laws against dumping yard waste near or in waterbodies.

☒ Greenland has implemented a composting effort/program by allowing the public to drop off compostable materials at the Town Transfer Station, and providing educational materials from the vendor’s website on the water quality benefits of composting.

Targeted Audience:

Residential and Institutions

Responsible Department/Parties:

Town Administrator is responsible for this MS4 outreach effort

Measurable Goal(s):

Residents are aware of the water quality impacts of yard waste dumping near or in water bodies and safe alternatives for yard waste disposal.

Following are the number of flyers, brochures, and door hangers that were distributed **during this reporting period:**

Year 6 = 0 flyers

Year 6 = 0 brochures

Year 6 = 0 door hangers

Following is the number of residents that signed a yard waste pledge **during this reporting period:**

Year 6 = 0 residents

Following is the number of views the videos received **during this reporting period:**

Year 6 = 0 views

Greenland MUNICIPAL Yard Waste Composting Campaign Metrics approximately 1 ton of compostable material received from residents at the Transfer Station **during this reporting period.**

Goal was partially achieved.

Message Date: Fall placement on the website

BMP: Septic System Maintenance

Outreach Resources:

Septic system related brochures, letters, videos, **and/or** social media posts found on the [MCM #1 webpage](#) of the NH MS4 website.

Description:

Distribution and promotion of Get Pumped NH, EPA, **and/or** municipally created brochures, letters, videos, **and/or** social media posts educating New Hampshire homeowners with septic systems on how to identify, locate and maintain those systems. Get Pumped NH is a collaborative effort between the New Hampshire Association of Septage Haulers (NHASH) and the NHDES.

Greenland Campaign Metrics (Location and number of people who viewed display at event, number of people who attended the public presentation, etc.). None

Targeted Audience:

Septic System Owners

Responsible Department/Parties:

Town Administrator was responsible for this MS4 outreach effort

Measurable Goal(s):

Residents are aware of water quality impacts from septic systems, the importance of maintaining septic systems, and how to maintain them.

Following are the number of brochures and letters that were distributed *during this reporting period*:

Year 6 = 0 brochures

Following is the number of impressions the social media posts received *during this reporting period*:

Year 6 = 4 Posts, but 0 of impressions

Following is the number of views the videos received *during this reporting period*:

Year 6 = unknown number of views

Greenland Campaign Metrics (Location and number of people who viewed display at event, etc.) *during this reporting period. No in person events were held.*

Goal was partially achieved.

Message Date: 9/18, 9/19,9/20 and 9/22/23

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) outreach letter and 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:

Building Inspector was responsible for this MS4 outreach effort

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 = 0 of CGP fact sheets

Year 6 = 0 of BMP fact sheets

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

Year 6 = 0 of letters

Greenland held 2 pre-construction meetings, representing 100% of projects that received planning board approval and began construction **during this reporting period.**

Goal was partially achieved.

Message Date:

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

N/A

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 Greenland 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 Greenland website, which has recently changed to www.greenland.nh.gov. Documents and records relating to the permit are retained and available for 5 years to the public at 11 Town Square, Greenland, NH 03840.

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

☒ No.

☐ Yes. Greenland made the following changes: ##Changes made

Measurable Goal(s):

Input was received and records are maintained.

Goal was partially achieved.

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

Public involvement or participation opportunities are ancillary to daily operations.

Greenland has conducted the following public involvement or participation opportunities. The Town participated in Hazardous Waste Collection days offered in partnership with the City of Portsmouth, Department of Public Works. Further town staff participated in National Night Out, where citizens could see and touch all first responder and public works equipment operated in the town.

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

N/A

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

Sanitary Sewer Overflows (SSOs)

- ☒ This SSO section is NOT applicable because we DO NOT have sanitary sewer.
- ☐ This SSO section is NOT applicable because we DID NOT find any new SSOs.
- ☐ The SSO inventory has been updated, including the status of mitigation and corrective measures implemented or was addressed and can be found in submission **and/or** at the following website ##website link.

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:

☒ Phase 1 map of storm sewer system and associated outfalls was completed in Year 2 and there have been no updates since that time.

☒ Map of storm sewer system and associated outfalls was updated in Year(s) 2 and there were no updates in Year 6.

Map of storm sewer system and associated outfalls was updated in Year(s) 2 and there were updates in Year 6.

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 was completed in Year 2 and there have been no updates since that time.

Map of storm sewer system, catchments, and related elements was updated in Year(s) ##Year Number and there were no updates in Year 6.

Map of storm sewer system, catchments, and related elements was updated in Year(s) ##Year Number and there were updates in Year 6.

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*.
- ☐ Outfalls were inspected for dry weather screening *during this report period* and data can be found in submission **and/or** at the following website ##website link.

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)*: 0%

- ☒ The inventory and ranking of outfalls/interconnections was not updated during Year 6 because outfalls/interconnections were not inspected.
- ☐ The inventory and ranking of outfalls/interconnections was updated in Year 6 and the IDDE Program Plan was revised as a result. The revised inventory and ranking of outfalls/interconnections can be found in submission **and/or** at the following website.

Wet Weather Screening

- ☒ No outfalls/interconnections were inspected for wet weather screening *during this report period*.
- ☐ Wet weather outfall/interconnection screening data can be found in submission **and/or** at the following website ##website link.

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

- ☒ No catchment investigations were conducted **during this reporting period**. Catchment investigations include investigations associated with Problem, High Priority, and Low Priority Outfalls/Interconnections within the MS4 regulated area.
- ☐ Catchment investigations were conducted, and data can be found in submission **and/or** at the following website.

Number of catchment investigations **during this reporting period**: 0

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)**: unknown

IDDE Progress

- ☒ No illicit discharges were found **during this reporting period**.
- ☐ Illicit discharges were found but not removed **during this reporting period**.
- ☐ Illicit discharges were removed **during this reporting period** and the illicit discharges removal report can be found in submission **and/or** at the following website ##website link.

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)**: unknown

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

Employee Training

- ☐ Provided training to employees involved in IDDE program **during this reporting period**:
##MUNICIPALITY 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, ##MUNICIPALITY 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.

##MUNICIPALITY held an IDDE training session for municipal staff on ##date. In addition, ##MUNICIPALITY 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. Training logs are included in Appendix F of the IDDE Program Plan.

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

Greenland has no public works department and has no public works employees. The employees of the police department and the fire department are not trained in these subjects. All our maintenance activities in all seasons are performed by contractors. All our construction activities in all seasons are performed by contractors. The municipality does not require the contractors to provide information to town staff regarding the training of their employees in these subjects. It is highly likely that these employees do receive this training as part of other certifications that they hold, such as Green Sno Pro, and licensure for application of pesticides and herbicides, but the Town cannot certify to the level or frequency of the training.

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*: 5

Number of inspections completed *during this reporting period*: 5

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

Greenland 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:

All subdivision and site review projects are reviewed by the planning board prior to issuance of permits. During the construction process, on site reviews are conducted by the local building inspector, who also reviews the site for fire code compliance. Certain projects are reviewed by the town's consulting engineering firm for compliance to plan approvals, specifications, field modifications, and responses to reports of deficiencies. Deficiencies were noted during the reporting period. However, once the responsible parties received notice of the issue during this reporting period, corrective action was undertaken voluntarily and without the need to resort to more formal administrative or court action.

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

Ordinance or Regulatory Mechanism

- ☒ Greenland has a regulatory mechanism(s) consistent with permit requirements.
Date regulatory mechanism(s) was adopted: May 16, 2024. The regulatory document can be found at: See attached submission.
- ☐ ##MUNICIPALITY has not drafted **or** adopted a regulatory mechanism(s) consistent with permit requirements. ##Update on progress.

As-built Drawings

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

Street Design and Parking Lots Report

- ☐ The **Assessment Report** was evaluated and no updates were recommended *during this reporting period*.
- ☒ The **Assessment Report** was evaluated and updates were recommended *during this reporting period*. Following are the recommended updates: The local Planning Board should review the subdivision and site plan review regulations to explicitly permit low impact design elements such as curb extensions and planter gardens. The Board should also review regulations that would permit the use of stormwater for non-potable uses. The anticipated date of completion for updates is June 30, 2025
- ☐ 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**.
- ☒ No updates were made or planned to be made to **Local Regulations or Guidelines** *during this reporting period*.
- ☒ Updates were recommended **or** planned to be made to **Local Regulations or Guidelines** *during this reporting period*. Following are the recommended updates: The local Planning Board should review the subdivision and site plan review regulations to explicitly permit low impact design elements such as curb extensions and planter gardens. The Board should also review regulations that would permit the use of stormwater for non-potable uses. The anticipated date of completion for updates is June 30, 2025.

- ☐ No updates were made *during this reporting period* because all required **Local Regulation or Guideline** updates have been made to make low impact designs allowable as outlined in the Local Regulations Assessment Report.

Green Infrastructure Reports

- ☒ The **Assessment Report** was evaluated and no updates were recommended *during this reporting period*.
- ☐ The **Assessment Report** was evaluated and updates were recommended *during this reporting period*. Following are the recommended updates: ##MUNICIPALITY to note recommended or planned changes here. The anticipated date of completion for updates is ##date outlined in the report.
- ☐ 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 or planned to be made to **Local Regulations** *during this reporting period*.
- ☐ Updates were made to the **Local Regulations** *during this reporting period*. ##MUNICIPALITY has made progress on Green Roofs, Infiltration Practices, **and/or** Water Harvesting. Progress includes updating the ordinance, regulation **and/or** code.
- ☐ 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.

Retrofit Properties Inventory

- ☒ Greenland 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: 7 properties as noted on the NHDES website, permittee specific resources for Greenland
 - List of Non-MS4 Properties: none
- ☒ Greenland 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 in this reporting period.
 - 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:

At 11 Town Square and 15 Town Square actions were taken to provide better housekeeping in the area of the fire department and the covered winter salt structure. The amount of salt stored was reduced, and two covered bins that had previously stored material were repurposed to store signage and a fire department trailer. The paving in the area was repaired to reduce the amount of runoff from the areas around the structures. At 47 Cemetery Lane, which is the town transfer station, efforts are underway to update existing conditions plans, and develop strategies to improve efficiencies and reduce runoff from the area to other town properties.

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.

A schedule for catch basin cleaning has been established with the goal of ensuring that a catch basin should not be more than 50% full.

Number of catch basins inspected **during this reporting period**: See below

Number of catch basins cleaned **during this reporting period**: See below

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

Estimated at 8 cubic yards. No catch basins were cleaned within the reporting period, however, a total of 144 catch basins were cleaned between 7-2-24 and 7-5-24. Three locations were reported as having surface damage, all of which were immediately repaired. The service was performed by the Town's contracted maintenance provider, who subcontracted the company that had cleaned Greenland catch basins in prior reporting years.

Total number of catch basins within the MS4 system: unknown

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 **not** swept at least once *during this reporting period*. ##Explanation for all roads not being swept and estimated timeline when it will be completed.

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

Number of (lane) miles swept *during this reporting period*: 15 : There were two events, the first being a scheduled sweeping of curbed areas conducted in dry weather, yielding an estimate 8 cubic yards of material. The second was in response to a significant rainstorm which placed a large volume of leaves and other debris on the roads which threatened to clog normal drainage structures. This yielded an estimate 12 cubic yards of additional material that was removed.

Volume of swept material *during this reporting period*: estimated 20 cubic yards

Mass of swept material *during this reporting period*: ##Number ##Units

Stormwater Pollution Prevention Plan (SWPPP)

☐ Greenland does **not** have any 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.

☒ Greenland has **not** 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. Greenland renovated an existing metal building and attached unpaved gravel yard and changed its use from an unoccupied storage facility with minimal use into a functional public works yard during the reporting period. The site was first occupied in September of 2023, and normally has between 1 and 3 staff who utilize the structure daily and during response to storm events. The yard is used for the storage of trucks and equipment owned and used by our contracted maintenance provider. The building is used for the storage of materials such as signs, posts, and hardware. The provider may bring trucks or equipment into the building for light maintenance, but it is not used for changing of fluids or heavy mechanical maintenance. There are no operating floor drains in the building. We hope to create a SWPPP for the facility by early 2025.

Greenland 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 **Greenland** *during this reporting period*: 1

Number of corrective actions taken *during this reporting period*: 1

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

☐ No corrective actions necessary.

☒ Corrective action was taken at a building used by a former winter maintenance provider to remove fluids and vehicle parts stored there for service to trucks. Once the facility was vacated, all such materials were removed, and the building was repurposed to the fire department to allow storage and staging of an ambulance and a light utility vehicle. No vehicle maintenance is conducted on premise, no fuel is stored on premise, no vehicle parts are stored on premise. The building is now heated on a year round basis to maintain conditions for medications in the ambulance.

The town transfer station is treated as a facility covered by a NHDES other permit for the purposes of this report.

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.

☒ A review of all permittee-owned facilities was completed and the inventory has been updated. The SWMP has been updated to reflect this and includes the following additional facilities: New public works yard and renovated metal storage building at 11 Town Square, Greenland, NH; renovated and repurposed metal public works building now assigned to the fire department to store an ambulance and light utility vehicle.

☐ 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:

The Town has no public works department or employees. All maintenance services are provided by a single contractor who uses their own forces or arranges for subcontracted services as necessary during the year. During this period, the new contractor modified maintenance of all public and recreational spaces for efficiency and reduction in the use of fertilizers and chemicals. All of contractor's staff and subcontractors are supervised by licensed arborists, or persons licensed in the application of pesticides, fertilizers and herbicides. During the winter, all operations are supervised by those certified in the Green Sno Pro program. All salt is stored in covered facilities and loaded into distribution vehicles directly from such storage. During the reporting year, many operations involved the use of brine, which had never been used in Greenland in prior years of winter operations. All the trucks used had salt distribution equipment that had been properly calibrated to meet DOT and DES recommendations for application of material.

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:

N/A

Chloride Impairment (Appendix H)

☐ Permittee **does not** have a chloride impairment.

☒ Permittee **has** a chloride impairment.

☒ Fully implemented Salt Reduction Plan which can be found in submission.

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. 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:

The Town changed its winter maintenance provider during the reporting period. The new provider supplied all trucks and operators, and was fully responsible for training and supervision of the drivers. For the first time since 2017, the provider was Green Snow Pro certified. For the first time, the provider used brine in operations. For the first time, all of the salt distribution equipment was calibrated. The results were a reduction of salt usage from 1,345 tons in the 2023 report to 458 tons in this report for coverage of the same 60 lane miles of town roads.

Nitrogen Impairment (Appendix H)

- ☐ Permittee **does not** have a nitrogen impairment.
- ☒ Permittee **has** a nitrogen impairment.
 - ☐ Distributed an annual message that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers **during this reporting period.**
 - ☐ Distributed an annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate **during this reporting period.**
 - ☐ Distributed an annual message encouraging the proper disposal of leaf litter **during this reporting period.**
 - ☐ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.d.iii to a minimum of two times per year (spring and fall) **during this reporting period.**
 - ☐ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.d.iii to a minimum of one time per year (spring) and implemented a fall leaf litter collection program in lieu of post-drop street sweeping **during this reporting period.**

Nitrogen Source Identification Report- Update

Structural BMPs

- ☐ The Nitrogen Source Identification Report was reviewed and there were no updates required **during this reporting period** because there were no revisions. The Nitrogen Source Identification Report can be found in submission **and/or** at the following website ##website link.
- ☐ The Nitrogen Source Identification Report was **updated during this reporting period** and can be found in submission **and/or** at the following website ##website link. An updated list of the planned structural BMPs and a plan and schedule for implementation can be found in *Section 2: Potential Structural BMPs Report (Year 5) part I.1.c.ii* of the Nitrogen Source Identification Report.
- ☒ Greenland has **not** installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries **by the end of this reporting period.** ##MUNICIPALITY plans to install a structural BMP(s) on ##Date structural BMP will be installed.

- ☐ ##MUNICIPALITY has installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries, **but the structural BMP was installed after the end of this reporting period.** The structural BMP(s) was installed on ##Date structural BMP(s) was installed. The type of structural BMP(s) that was installed was ##Type of structural BMP(s) that was installed. Information regarding the installed BMP(s) can be found in *Section 2: Potential Structural BMPs Report (Year 5) in Part I.1.c.iii* of the Nitrogen Source Identification Report.
- ☐ ##MUNICIPALITY has installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries **by the end of this reporting period.** The type of structural BMP(s) that was installed was ##Type of structural BMP that was installed. Information regarding the installed BMP(s) can be found in *Section 2: Potential Structural BMPs Report (Year 5) in Part I.1.c.iii* of the Nitrogen Source Identification Report.
- ☐ Structural BMP(s) listed in Attachment 3 to Appendix F already existing or installed in the regulated area by ##MUNICIPALITY or its agents was tracked and the nitrogen removal by the BMP(s) was estimated consistent with Attachment 3 to Appendix F. The BMP(s) type, total area treated by the BMP(s), the design storage volume of the BMP(s), and the estimated nitrogen removed in mass per year by the BMP(s) were documented in **PTAP 2024 Nutrient Reduction Report** in submission **and/or** at ##website link. The total estimated nitrogen removed from the installed BMP(s) is ##lbs/year.

##MUNICIPALITY is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with stormwater structural and non-structural best management practices. PTAP was developed by the University of New Hampshire Stormwater Center and New Hampshire Department of Environmental Services utilizing the EPA Region 1 approved performance curves, to provide New Hampshire communities with a way to track their nutrient reductions. PTAP allows ##MUNICIPALITY the benefit of utilizing a uniform, defensible and consistent method for tracking reductions so that a common, weight of evidence based approach can be shared with other entities including EPA, NHDES, and other MS4 communities and interest groups. The consistent and systematic tracking and accounting framework also allows for routine updates when improved science becomes available.

- ☐ Structural BMP(s) listed in Attachment 3 to Appendix F already existing or installed in the regulated area by ##MUNICIPALITY or its agents was tracked and the nitrogen removal by the BMP(s) was estimated consistent with Attachment 3 to Appendix F. The BMP(s) type, total area treated by the BMP(s), the design storage volume of the BMP(s), and the estimated nitrogen removed in mass per year by the BMP(s) were documented in **##MUNICIPAL Tracking Program** in submission **and/or** at ##website link. The total estimated nitrogen removed from the installed BMP(s) is ##lbs/year.

- ☒ No BMPs were installed **during this reporting period**. The implementation schedule is outlined in *Section 2: Potential Structural BMPs Report (Year 5) in Part I.1.c.i* of the Nitrogen Source Identification Report. The total estimated nitrogen removed from the installed BMP(s) is 0 lbs/year.

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

Greenland has not yet created the NSIR, and thus this measure is incomplete. As to town owned properties, efforts at chloride reduction and nitrogen reduction are the same on each property.

Phosphorus Impairment (Appendix H)

- ☒ Permittee **does not** have a phosphorus impairment.
- ☐ Permittee **has** a phosphorus impairment.
 - ☐ Distributed an annual message that encourages the proper use and disposal of grass clippings and encourages the proper use of slow-release fertilizers **during this reporting period.**
 - ☐ Distributed an annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate **during this reporting period.**
 - ☐ Distributed an annual message encouraging the proper disposal of leaf litter **during this reporting period.**
 - ☐ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.d.iii to a minimum of two times per year (spring and fall) **during this reporting period.**
 - ☐ Increased street sweeping frequency of all municipal owned streets and parking lots subject to Permit part 2.3.7.d.iii to a minimum of one time per year (spring) and implemented a fall leaf litter collection program in lieu of post-drop street sweeping **during this reporting period.**

Phosphorus Source Identification Report- Update

Structural BMPs

- ☐ The Phosphorus Source Identification Report was reviewed and there were no updates required **during this reporting period** because there were no revisions. The Phosphorus Source Identification Report can be found in submission **and/or** at the following website ##website link.
- ☐ The Phosphorus Source Identification Report was **updated during this reporting period** and can be found in submission **and/or** at the following website ##website link. An updated list of the planned structural BMPs and a plan and schedule for implementation can be found in *Section 2: Potential Structural BMPs Report (Year 5) part II.1.c.ii* of the Phosphorus Source Identification Report.
- ☐ ##MUNICIPALITY has **not** installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries **by the end of this reporting period.** ##MUNICIPALITY plans to install a structural BMP(S) on ##Date structural BMP will be installed.

- ☐ ##MUNICIPALITY has installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries, **but the structural BMP was installed after the end of this reporting period.** The structural BMP(s) was installed on ##Date structural BMP(s) was installed. The type of structural BMP(s) that was installed was ##Type of Structural BMP(s) that was installed. Information regarding the installed BMP(s) can be found in *Section 2: Potential Structural BMPs Report (Year 5) in Part II.1.c.iii* of the Phosphorus Source Identification Report.
- ☐ ##MUNICIPALITY has installed a minimum of one structural BMP(s) as a demonstration project within the drainage area of the water quality limited water or its tributaries **by the end of this reporting period.** The type of structural BMP(s) that was installed was ##Type of Structural BMP that was installed. Information regarding the installed BMP(s) can be found in *Section 2: Potential Structural BMPs Report (Year 5) in Part II.1.c.iii* of the Phosphorus Source Identification Report.
- ☐ Structural BMP(s) listed in Attachment 3 to Appendix F already existing or installed in the regulated area by ##MUNICIPALITY or its agents was tracked and the phosphorus removal by the BMP(s) was estimated consistent with Attachment 3 to Appendix F. The BMP(s) type, total area treated by the BMP(s), the design storage volume of the BMP(s), and the estimated phosphorus removed in mass per year by the BMP(s) were documented in **PTAP 2024 Nutrient Reduction Report** in submission **and/or** at ##website link. The total estimated phosphorus removed from the installed BMP(s) is ##lbs/year.

##MUNICIPALITY is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with stormwater structural and non-structural best management practices. PTAP was developed by the University of New Hampshire Stormwater Center and New Hampshire Department of Environmental Services utilizing the EPA Region 1 approved performance curves, to provide New Hampshire communities with a way to track their nutrient reductions. PTAP allows ##MUNICIPALITY the benefit of utilizing a uniform, defensible and consistent method for tracking reductions so that a common, weight of evidence based approach can be shared with other entities including EPA, NHDES, and other MS4 communities and interest groups. The consistent and systematic tracking and accounting framework also allows for routine updates when improved science becomes available.

- ☐ Structural BMP(s) listed in Attachment 3 to Appendix F already existing or installed in the regulated area by ##MUNICIPALITY or its agents was tracked and the phosphorus removal by the BMP(s) was estimated consistent with Attachment 3 to Appendix F. The BMP(s) type, total area treated by the BMP(s), the design storage volume of the BMP(s), and the estimated phosphorus removed in mass per year by the BMP(s) were documented in ##MUNICIPAL **Tracking Program** in submission **and/or** at ##website link. The total estimated phosphorus removed from the installed BMP(s) is ##lbs/year.
- ☐ No BMPs were installed **during this reporting period**. The implementation schedule is outlined in *Section 2: Potential Structural BMPs Report (Year 5) in Part II.1.c.i* of the Phosphorus Source Identification Report. The total estimated phosphorus removed from the installed BMP(s) is 0 lbs/year.

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

N/A

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

- ☐ Permittee **does not** have a solids, oil and grease, or metals impairment(s).
- ☒ 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. Greenland** street sweeping schedule can be found at <https://www.greenland.nh.gov/sites/g/files/vyhlf4476/f/pages/om.pdf>.

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

The street sweeping schedule was not increased during the reporting period. However, an increased street sweeping schedule is to be implemented for the upcoming reporting period.

Chloride TMDL (Appendix F)

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

☐ Permittee **has** a chloride TMDL.

☐ Fully implemented Chloride Reduction Plan which can be found in submission .

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, submitting it to NHDES, and can be found in submission. 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:

##Describe any progress made on any incomplete Chloride TMDL (Appendix F) requirements **OR** note as Not Applicable.

Lake and Pond Phosphorus TMDL (Appendix F)

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

☐ Permittee **has** a lake and pond phosphorus TMDL.

Year 5 Lake Phosphorus Control Plan Reporting Requirements

☐ ##MUNICIPALITY has **not fully completed the Year 5 requirements** of the written Lake Phosphorus Control Plan *during this reporting period*. The partially completed plan can be found in submission **and/or** at the following website ##website link. The plan is available to the public at ##website **and/or** facility and physical location. ##MUNICIPALITY has completed the following sections of the written Lake Phosphorus Control Plan *during this reporting period*:

☐ Description of Planned Non-structural Controls

☐ Description of Planned Structural Controls

☐ Description of Operation and Maintenance (O&M) Program

☐ Implementation Schedule

☐ Cost and Funding Source Assessment

##MUNICIPALITY plans to complete the outstanding items noted above by ##Date.

☐ ##MUNICIPALITY **completed** a written Lake Phosphorus Control Plan *during the Year 5 reporting period* and was reported in the ##MUNICIPALITY Year 5 Annual Report. The completed plan can be found in submission **and/or** at the following website ##website link. The plan is available to the public at ##website link **and/or** facility and physical location. The completed written Lake Phosphorus Control Plan contains the following information:

☐ Description of Planned Non-structural Controls

☐ Description of Planned Structural Controls

☐ Description of Operation and Maintenance (O&M) Program

☐ Implementation Schedule

☐ Cost and Funding Source Assessment

☐ ##MUNICIPALITY **completed** a written Lake Phosphorus Control Plan *during this reporting period*. ##MUNICIPALITY utilized the resources developed by the New Hampshire Stormwater Coalition. Resources, including the written Lake Phosphorus Control Plan template, were not developed until after the Year 5 reporting period. The completed plan can be found in submission **and/or** at the following website ##website link. The plan is available to the public

at ##website **and/or** facility and physical location. The completed written Lake Phosphorus Control Plan contains the following information:

- ☐Description of Planned Non-structural Controls
- ☐Description of Planned Structural Controls
- ☐Description of Operation and Maintenance (O&M) Program
- ☐Implementation Schedule
- ☐Cost and Funding Source Assessment

Year 6 Lake Phosphorus Control Plan Reporting Requirements

Baseline phosphorus export rate required from LPCP Area (lbs/year)[A]: ##Number

Total phosphorus reduction from all implemented nonstructural controls **during this reporting period** (lbs/year) [B]: ##Number

Total phosphorus reduction from all structural controls installed **during this reporting period and all previous years** (lbs/year) [C]: ##Number

Phosphorus load increase due to development incurred since baseline loading was calculated in lbs/year [D]: 0

##MUNICIPALITY is utilizing the resources developed by the New Hampshire Stormwater Coalition. Resources have been developed but the **phosphorus load increase due to development incurred since baseline loading** was not calculated **during this reporting period**. The New Hampshire Stormwater Coalition is in the process of calculating the **phosphorus load increase due to development incurred since baseline loading** and will be available during Year 7. ##MUNICIPALITY will provide an update on the progress in the Year 7 Annual Report.

Phosphorus load increase due to development incurred since baseline loading was calculated in lbs/year [D]: ##Number

Current phosphorus export rate from the LPCP Area in lbs/year [=A-(B+C)+D from above]:
##Number

Non-Structural Controls

- ☐ ##MUNICIPALITY has **not** implemented all selected Lake Phosphorus Control Plan **non-structural control measure(s) during this reporting period** and has **not** documented the measure(s) and their phosphorus reductions. The non-structural control measure(s) that have been implemented are recorded within the ##MUNICIPALITY's written Lake Phosphorus Control Plan which can be found in submission **and/or** at the following website ##website link.
- ☐ ##MUNICIPALITY has implemented all selected Lake Phosphorus Control Plan **non-structural control measure(s) during this reporting period** and documented the measure(s) and their phosphorus reductions. The **non-structural control measure(s)** are noted within the ##MUNICIPALITY written Lake Phosphorus Control Plan which can be found in submission **and/or** at the following website ##website link.

##MUNICIPALITY is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with non-structural best management practices. PTAP was developed by the University of New Hampshire Stormwater Center and New Hampshire Department of Environmental Services utilizing the EPA Region 1 approved performance curves, to provide New Hampshire communities with a way to track their nutrient reductions. PTAP allows ##MUNICIPALITY the benefit of utilizing a uniform, defensible and consistent method for tracking reductions so that a common, weight of evidence based approach can be shared with other entities including EPA, NHDES, and other MS4 communities and interest groups. The consistent and systematic tracking and accounting framework also allows for routine updates when improved science becomes available.

Structural Controls

- ☐ ##MUNICIPALITY has **not** installed any **structural control measure(s)** within the Lake Phosphorus Control Plan area **during this reporting period or during previous reporting periods**. Therefore ##MUNICIPALITY has not documented the location, phosphorus reduction in mass/year, and date of last completed maintenance and inspection for each installed control within the written Lake Phosphorus Control Plan.
- ☐ ##MUNICIPALITY has installed **structural control measure(s)** within the Lake Phosphorus Control Plan area **during this reporting period or during previous reporting periods**. ##MUNICIPALITY has documented the location, phosphorus reduction in weight/year, and date of last completed maintenance and inspection for each installed structural control measure(s). The documented information for each of the installed structural control measure(s) are noted within the written Lake Phosphorus Control Plan which can be found in submission **and/or** at the following website ##website link.

##MUNICIPALITY is utilizing the Pollutant Tracking and Account Project, better known as PTAP, to track nutrient reductions associated with structural best management practices. PTAP was developed by the University of New Hampshire Stormwater Center and New Hampshire Department of Environmental Services utilizing the EPA Region 1 approved performance curves, to provide New Hampshire communities with a way to track their nutrient reductions. PTAP allows ##MUNICIPALITY the benefit of utilizing a uniform, defensible and consistent method for tracking reductions so that a common, weight of evidence based approach can be shared with other entities including EPA, NHDES, and other MS4 communities and interest groups. The consistent and systematic tracking and accounting framework also allows for routine updates when improved science becomes available.

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

N/A

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.

☐ The results from additional reports or studies are in submission **and/or** at the following website ##website link.

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:

##Brief description of the type of information gathered or received.
--

Description of Any Changes in Identified BMPs or Measurable Goals

Greenland has implemented activities in accordance with the permit and outlined in the SWMP. All BMPs and measurable goals outlined in the SWMP are appropriate.

##MUNICIPALITY made changes as noted below to the following BMPs **and/or** measurable goals that were outlined in the permit and identified in the SWMP.

##List the BMPS **and/or** measurable goals

Activities Planned for Next Reporting Period

Greenland 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