

Year 7 Annual Report

New Hampshire Small MS4 General Permit

EXISTING PERMITTEES

Reporting Period: July 1, 2024 - June 30, 2025

Rye, New Hampshire

EPA NPDES Permit Number NHR041030

Certification of Small MS4 Year 7 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: Jason M. Rucker
Title: Public Works Director
Signature: 
Date: 9/25/2025

Authorized Representative:

The authorization letter is:

Attached to this document (document name listed below):

Publicly available at the website:

https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/designation_of_authorized_rep_2022.pdf

Primary MS4 Program Manager Contact Information:

Name: Jason M. Rucker	Title/Position: Public Works Director	
Department: Public Works		
Street Address: 10 Central Road		
City: Rye	State: New Hampshire	Zip Code: 03870
Email: jrucker@town.rye.nh.us	Phone Number: 603-964-5300	

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, 2024, through June 30, 2025**, in accordance with the Permit.

Please do not attach any documents to this form. Instead, attach all requested documents to an email when submitting the form. Also ensure that any websites included on this form are to publicly accessible sites and that links are correct and valid.

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, 2024 and June 30, 2025 unless otherwise requested.

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> or
https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/notice_of_intent_noi.pdf

Compliance activities have been identified and described in the Rye Stormwater Management Program Plan (SWMP) and Illicit Discharge Detection and Elimination (IDDE) Plan. Those documents and other pertinent Year 7 information can be found in submission or at the following websites, and will be referred to throughout this report:

SWMP: https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/ryenh_2023swmpupdatewsig.pdf
Date SWMP was Last Updated: December 2023
IDDE Program Plan: https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/final-idde_program-2019_0.pdf
Updated System Map https://www.axisgis.com/RyeNH/ (turn on “Stormwater System Map” layer)
Updated SSO Inventory: Not applicable – zero SSO events
Updated Inventory and Ranking of Outfalls/Interconnections with System Vulnerability Factors: https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/final_of-ranking_svf-analysis_memo_20250213.pdf
Dry Weather Screening Data: Not applicable – none completed in Year 7; included in Year 3 submission
Wet Weather Screening Data: Not applicable – none completed to date
Catchment Investigation Data: https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/final_memo-preliminarycatchmentinvestigation_20250213.pdf (preliminary catchment investigation)
Illicit Discharge Removal Report: Not applicable – zero removals

Results from additional stormwater or receiving water quality monitoring reports or studies: **Not applicable**

PTAP 2025 Nutrient Reduction Report: **See attached submission**

Salt Reduction Plan:

https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/salt_reduction_plan.pdf

Annual Salt Usage Report: **See attached submission**

Updated Nitrogen Source Identification Report: <https://www.town.rye.nh.us/stormwater-drainagems4/pages/stormwater-management-program>

PTAP 2025 Nutrient Reduction Report: **Not applicable (structural)**

Rye Nutrient Tracking Program Report: **Not applicable**

Updated Phosphorus Source Identification Report: **Not applicable**

PTAP 2025 Nutrient Reduction Report: **Not applicable**

Rye Nutrient Tracking Program Report: **Not applicable**

Street Sweeping Schedule: **Not applicable**

Chloride Reduction Plan: **Not applicable**

Annual Salt Usage Report: **Not applicable**

Lake Phosphorus Control Plan: **Not applicable**

PTAP 2025 Nutrient Reduction Report: **Not applicable**

Rye Nutrient Tracking Program Report: **Not applicable**

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 7 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 checked="" type="checkbox"/> Bacteria/Pathogens	<input checked="" type="checkbox"/> Chloride	<input checked="" type="checkbox"/> Nitrogen
<input type="checkbox"/> Phosphorus	<input 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:

- **Water body segments NHEST600031001-05 Back Channel and NHEST600031002-02 Little Harbor were removed from the 2020/2022 section 303(d) list for nitrogen.**
- **Water body segment NHEST600031001-04 Lower Sagamore Creek was added to the 2020/2022 section 303(d) list for nitrogen.**

TMDL: **Not applicable.**

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 **10*** outfall(s) have added.

A total of **0*** outfall(s) have removed.

*** The NOI listed 22 outfalls, and the current SWMP lists 32 outfalls. Additionally, the NOI indicates 2 outfalls discharge to Sagamore Creek and 1 to Little Harbor; however, it has been determined that 3 outfalls discharge to Sagamore Creek and 0 to Little Harbor.**

No

Rye 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:

The table of receiving waters (Table 1-2) in the SWMP was updated in December 2023 to include receiving waters only. The list was adjusted accordingly based on mapped outfall locations. Refer to the SWMP for the updated list of receiving waters.

Minimum Control Measures

MCM 1: Public Education

Total number of all MS4 related educational efforts completed ***during this reporting period: 12***

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

No.

Yes. Rye made changes as reported in Year 6, and described as follows: **Although the overall messages stayed the same, Rye made changes to align better with the Seacoast Stormwater Coalition's public education efforts. Changes included how the "Disposal of Leaf Litter" message was delivered (Town Newsletter articles and brochures instead of posting notices) and what "Septic System Maintenance" resources were used (brochures and pamphlets – primarily "Get Pumped! New Hampshire" instead of an existing Septic Systems and Water Quality factsheet). The Rye Department of Public Works also launched social media accounts and posted education messages on Facebook and Instagram starting in Year 6.**

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 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.

Targeted Audience:

Residential, Business and Institutions

Responsible Department/Parties:

Department of Public Works

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 is the number of flyers that were distributed ***during this reporting period:***

Year 7 = 25+/- of flyers

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

Year 7 = 1 post (Grass Clippings on 7/22/2024)

Goal was achieved.

Message Date: Annually in spring.

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 municipally created brochures and/or newsletters 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.

Targeted Audience:

Residents - Pet Owners

Responsible Department/Parties:

Department of Public Works

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 7 = 0

Following is the number of flyers and brochures that were distributed ***during this reporting period:***

Year 7 = 502 flyers (during dog licensing)

Year 7 = 25+/- brochures

Goal was achieved.

Message Date: At the time of license renewal.

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, newsletters, and/or 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.

Rye has implemented a composting effort/program by allowing the public to drop off compostable materials (leaves and vegetation) at the transfer station at no cost to residents five days a week. Screened, mature compost is available at no cost to residents. The Town also offers food waste composting at no cost to residents.

Targeted Audience:

Residential and Business

Responsible Department/Parties:

Department of Public Works

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

Year 7 = 25+- brochures

Goal was achieved.

Message Date: Annually in fall.

BMP: Septic System Maintenance

Outreach Resources:

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

Description:

Distribution and promotion of Get Pumped NH and municipally created newsletter 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.

Targeted Audience:

Septic System Owners

Responsible Department/Parties:

Department of Public Works

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 is the number of brochures that were distributed *during this reporting period*:

Year 7 = 25+- brochures

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

Year 7 = 1 post (Get Pumped on 9/12/2024)

Goal was achieved.

Message Date: Annually in fall.

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

The Town quarterly mails out the Town's Newsletter to every town resident, homeowner, and business. The following is a summary of Public Works updates related to stormwater and/or water quality that were included in the Town of Rye Newsletter:

September 2024: Septic system maintenance (Get Pumped – Rye); Household Hazardous Waste (HHW) Collection; disposal of grass clippings and leaves at the transfer station.

December 2024: What to do With Your Leaves and Grass Clippings to Protect Rye's Waters

March 2025: Best Management Practices (BMPs) for Lawn Care; Handling and Disposal of Used Oil

June 2025: Spring Fertilization Practices; Dog Waste; Stormwater Management; What to do With Your Leaves and Grass Clippings to Protect Rye's Waters; Household Hazardous Waste (HHW) Collection

Several brochures/flyers are posted on the Public Works Department webpage (<https://www.town.rye.nh.us/stormwater-drainagems4>, on the left-hand menu) and are made available at the Public Works Office, including: Scoop the Poop, Get Pumped NH, Green Grass & Clear Water, and Rake it or Leave it. Additional resources on the webpage include the New Hampshire Homeowner's Guide to Stormwater Management and the "Every Drop Matters" pledge.

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 Rye 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 a Rye Select Board meeting on May 12, 2025. The Public Works Director gave an MS4 Annual Presentation. Documents and records relating to the permit are retained and available for 5 years to the public at the Public Works office in Town Hall and on the Town's website on the Public Works webpage.

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

No.

Yes. Rye made the following changes: **The Public Works Director presented an MS4/SWMP update at a Select Board meeting in addition to the SWMP being publicly available on the Town's website.**

Measurable Goal(s):

An opportunity for the public to provide input was provided and records were maintained.

Goal was achieved.

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

The Town participated in a regional household hazardous waste collection day on September 14, 2024 at the Brentwood DPW in Brentwood, NH. The event was advertised in the September 2024 issue of the Town of Rye Newsletter.

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 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

- MS4 System Map was updated ***during this reporting period:***
 - Percent of Phase 1 elements incorporated into MS4 System Map: ##Percent of Phase 1 system mapping completed as of June 30, 2025.
 - Percent of Phase 2 elements incorporated into MS4 System Map: ##Percent of Phase 2 system mapping completed as of June 30, 2025.
- MS4 System Map was updated in Year(s) ##Year Number and there were no updates in Year 7.
- Rye's MS4 System Map is continually updated to incorporate findings and changes from catchment investigations.

Describe any additional details regarding phase 1 and phase 2 MS4 System Mapping requirements, in the box below:

During Year 7, field verification was completed to collect supplemental GIS data and to verify areas of question. The GIS database was updated with data collected in the field.

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 7): 100***

The inventory and ranking of outfalls/interconnections was updated in Year 7 and the IDDE Program Plan was revised as a result. The revised inventory and ranking of outfalls/interconnections can be found at the following website:

https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/final_of-ranking_svf-analysis_memo_20250213.pdf.

Describe any additional details regarding dry weather screening requirements, in the box below:

Not applicable.

Wet Weather Screening

- No outfalls/interconnections were inspected for wet weather screening ***during this report period.***
- Wet weather outfall/interconnection screening data collected ***during this reporting period*** 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 Problem Outfalls and outfalls/interconnections that identify sewer input screened *to date (Year 1 – Year 7): 0*

Percent of total known outfalls/interconnections screened *to date (Year 1 – Year 7): 0*

Describe any additional details regarding wet weather screening requirements, in the box below:

Not applicable.

Catchment Investigations

- No catchment investigations were inspected for wet weather screening ***during this report period.*** Catchment investigations include investigations associated with Problem, High Priority, and Low Priority Outfalls/Interconnections within the MS4 regulated area.
- Catchment investigations were conducted ***during this report period***, and data can be found at the following website:
https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/final_memo-preliminarycatchmentinvestigation_20250213.pdf.

Number of catchment investigations *during this reporting period: 23*. 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.

Percent of total Problem Catchment and outfalls/interconnections that identify sewer input investigated **to date (Year 1 – Year 7): 0**

Percent of total catchments investigated **to date (Year 1 – Year 7): 74%**

Describe any additional details regarding catchment investigations requirements, in the box below:

Catchment investigation procedures were appended to the IDDE Program Plan in June 2025.

IDDE Progress

- No illicit discharges were found **during this reporting period**.
- Illicit discharges were found but not removed **during this reporting period**. ##Schedule for illicit discharge removal or explanation.
- 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, 2025): 0**

Total number of illicit discharges removed **since the effective date of the permit (July 1, 2018 – June 30, 2025): 0**

Describe any additional details regarding illicit discharge requirements, in the box below:

Not Applicable.

Employee Training

- Provided training to employees involved in IDDE program **during this reporting period**:
Rye held an IDDE training session for municipal staff on 6/24/2025; 4 staff members completed the training videos. In addition, 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 maintained at the Public Works office.

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

Training videos included: Lake Area Water Management Organization (YouTube, 36 min.), Tewksbury IDDE Employee Training (YouTube, 48 min.), and Ingham County Drain Commissioner (YouTube, 14 min.)

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:*** 28

Number of inspections completed ***during this reporting period:*** 51

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

The Town's engineering consultant conducts site inspections of developments, including erosion and sedimentation control. The Town of Rye works closely with contractors to address environmental concerns for the least environmental impact. The one enforcement action taken was a Notice of Violation related to residential stormwater management; corrective actions have been taken.

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

The number of site plan reviews and inspections completed includes sites both greater than and less than one acre in size.

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

As-built Drawings

Number of as-built drawings received ***during this reporting period:*** 28

Local Regulations Assessment 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: ##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 low impact designs allowable as outlined in the **Assessment Report**.

Street Design, Parking Lots, and Creation of Impervious Cover

- No updates were made or planned to be made to **Local Regulations and/or Guidelines** that affect the creation of impervious cover ***during this reporting period.***
- Updates were recommended **and/or** planned to be made to **Local Regulations and/or Guidelines** that affect the creation of imperious cover ***during this reporting period.*** Following are the recommended updates: ##MUNICIPALITY to note recommended or planned updates 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 **Local Regulation and/or Guideline** updates have been made to make low impact designs allowable as outlined in the Local Regulations Assessment Report.

Green Infrastructure

- No updates were made or planned to be made to Local Regulations regarding green infrastructure practices ***during this reporting period.***
- Updates were recommended **and/or** planned to be made to **Local Regulations** regarding green infrastructure practices ***during this reporting period.*** Following are the recommended **and/or** planned updates: ##MUNICIPALITY to note recommended or planned updates 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 **Local Regulation** updates have been made to make green infrastructure practices allowable as outlined in the Assessment Report.

Retrofit Properties Inventory

Rye 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: **See table below.**

Parcel ID	Street Address	Brief Description
012-042-000	581 Washington Road	Rye Public Library
016-007-000	555 Washington Road	Public Safety (Fire/Police)
012-043-000 / 012-042-001	0 Washington Road	Lawn and Parking Lot Adjacent to Library
016-201-000	500 Washington Road	Town Hall Annex
012-044-000	10 Olde Parish Road	Historical Society
012-054-000	10 Central Road	Town Hall
012-053-000	0 Washington Road	Plot of Land Between Church and ROW
011-134-000	309 Grove Road	Public Works Department
012-055-000	20 Central Road	Town Cemetery
012-079-000	55 Recreation Road	Large Parcel Behind Annex

List of Non-MS4 Properties: **None.**

##MUNICIPALITY 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: ##List of permittee-owned properties within the MS4 regulated area that were modified or retrofitted along with the type of BMP implemented.

List of Non-MS4 Properties: ##List of permittee-owned properties outside the MS4 regulated area that were modified or retrofitted along with the type of BMP implemented.

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

The number of as-builts received includes sites both greater than and less than one acre in size.

In June 2025 , the Town (via a consultant) reviewed and updated the inventory (see above list) and removed 37 Central Road since it is no longer a town-owned property (as identified in Year 4) and added three more parcels to this list: 10 Olde Parish road was added since it was ranked 9th on the

hot spot summary prioritized list and 55 Recreation Road and 500 Washington Road were both added due to their proximity to the planned improvements to Washington Road. The Town of Rye is undertaking a pedestrian safety improvements project on Washington Road in the center of Rye, which will include retrofits to the Washington Road right-of-way to incorporate stormwater BMPs (such as infiltration trenches). Construction is anticipated for summer 2027.

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:

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. Catch basin inspection reports of catch basin sumps more than 50% full are cleaned yearly and as needed.

Number of catch basins inspected ***during this reporting period:*** 164

Number of catch basins cleaned ***during this reporting period:*** 164

Total volume of material removed from all catch basins ***during this reporting period:*** 25 cubic yards

Total number of catch basins within the MS4 system: 850

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:*** 90

Volume of swept material ***during this reporting period:*** 103 cubic yards

Stormwater Pollution Prevention Plan (SWPPP)

Rye 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:*** 1

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 the SWMP.
There were no changes to report during Year 7.
- 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 continues to implement the DPW Garage, Transfer Station, and Recycling Facility SWPPP. Routine annual maintenance and cleaning of the oil/water separator system was performed in September 2024.

Appendix F and H: TMDLs & Water Quality Limited Waters

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 **does not** have a chloride impairment.
- Permittee **has** a chloride impairment.
 - Fully implemented Salt Reduction Plan *during this reporting period* which can be found at the following website:
https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/salt_reduction_plan.pdf.

Rye is utilizing some/all of the Voluntary Municipal Green SnowPro Certification Program resources and trainings as outlined in Rye's Salt Reduction Plan to reduce their winter salt application and to prevent increased concentrations of chlorides in their community's surface and ground waters.

- Reported amount of salt applied to all municipally-owned and maintained surfaces by completing the NHDES Annual Salt Usage reporting form and 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:

Not Applicable.

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

- 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.
- The Nitrogen Source Identification Report was ***updated during this reporting period*** and can be found at the following website <https://www.town.rye.nh.us/stormwater-drainagems4/pages/stormwater-management-program>. See description of incomplete requirement or additional relevant details at the end of this section for additional information.

Structural BMPs

- Rye 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. See the description of incomplete requirement or additional relevant details at the end of this section for additional information.***
- Rye 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, ***during this reporting***

period. The structural BMP(s) was installed on ##Date. The type of structural BMP(s) that was installed was ##Type.

- Rye 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 **during the Year 6 reporting period.** The structural BMP(s) was installed on ##Date. The type of structural BMP(s) that was installed was ##Type.
- Structural BMP(s) listed in Attachment 3 to Appendix F already existing or installed in the regulated area by Rye 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 2025 Nutrient Reduction Report** in submission **and/or** at ##website link. The total estimated nitrogen removed from the installed BMP(s) is ##lbs/year.

Rye 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 Rye 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 Rye 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 **Rye's 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. See description of incomplete requirement or additional relevant details at the end of this section for additional information.** 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:

The Town sweeps streets twice a year (once in spring and once post-leaf drop in the fall), and offers a leaf litter collection program in the form of having the transfer station open for leaf drop off.
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The Nitrogen Source Identification Report was updated in Year 7 (and finalized in Year 8). There are no permittee-owned properties within Lower Sagamore Creek watershed; therefore, any potential retrofits would be limited to the right-of-way. No major improvement projects are planned for roadways within the Lower Sagamore Creek watershed at this time; however, stormwater BMPs will be considered/incorporated for future capital improvement projects, including reconstruction of roadway and drainage improvements.

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 **during 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 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 **during the Year 6 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 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 2025 Nutrient Reduction Report** in submission **and/or** at ##website link. The total estimated ##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:

Not Applicable.

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.*** ##MUNICIPALITY street sweeping schedule can be found in submission **and/or** at ##website link.

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.

Permittee **has** a chloride TMDL.

Fully implemented Chloride Reduction Plan which can be found in submission **and/or** at the following website ## website link.

##MUNICIPALITY is utilizing **some/all** of the Voluntary Municipal Green SnowPro Certification Program resources and trainings as outlined in ##MUNICIPALITY's Salt Reduction Plan to reduce their winter salt application and to prevent increased concentrations of chlorides in their community's surface and ground waters.

##MUNICIPALITY is certified under the Voluntary Municipal Green SnowPro Certification Program with the goal to reduce their winter salt application and to prevent increased concentrations of chlorides in their community's surface and ground waters.

Reported amount of salt applied to all municipally-owned and maintained surfaces by completing the NHDES Annual Salt Usage reporting form, submitting it to NHDES, and can be found in submission **and/or** at the following website ##website link. 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.

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.

Lake Phosphorus Control Plan Reporting Requirements

- The LPCP was submitted in a previous annual report.
- The LPCP can be found in submission **and/or** at the following website ##website link.

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

##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.

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 a scaled back approach to Pbase recalculations with assistance from the UNH Stormwater Center. Due to limited funding and available mapping resources, ##MUNICIPALITY plans to update the Pbase calculations every 5

years or whenever meaningful and substantial updates are made to the critical impervious surface and land use/cover GIS layers that are used in Pbase characterization. Due to this new approach, **phosphorus load increases due to development incurred since baseline loading** were not calculated **during this reporting period**. The New Hampshire Stormwater Coalition and the UNH Stormwater Center are in the process of calculating the **phosphorus load increases due to development incurred since baseline loading** and will be available in the future.

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:

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.
- 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:

Not applicable.

Description of Any Changes in Identified BMPs or Measurable Goals

Rye 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

Rye will continue to implement activities in accordance with the permit and SWMP.