

Year 4 Annual Report
New Hampshire Small MS4 General Permit
Reporting Period: July 1, 2021 - June 30, 2022
RYE, NEW HAMPSHIRE
Permit Year 4

EPA NPDES Permit Number NHR041030

Certification of Small MS4 Year 4 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

9/26/22

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/vyhlf3751/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, 2021 through June 30, 2022** in accordance with the Permit.

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

https://www.town.rye.nh.us/sites/g/files/vyhlf3751/f/uploads/notice_of_intent_noi.pdf

Compliance activities have been identified and described in the Rye Stormwater Management Plan (SWMP) and Illicit Discharge Detection and Elimination Plan (IDDE). Those documents and other pertinent Year 4 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/vyhlf3751/f/uploads/stormwater management program swmp.pdf](https://www.town.rye.nh.us/sites/g/files/vyhlf3751/f/uploads/stormwater_management_program_swmp.pdf):

Date SWMP was Last Updated:

MARCH 2022

IDDE Program Plan:

https://www.town.rye.nh.us/sites/g/files/vyhlf3751/f/uploads/final-idde_program-2019.pdf

SSO Inventory: **Not Applicable** Zero (0) SSO

https://www.town.rye.nh.us/sites/g/files/vyhli3751/f/uploads/final-idde_program-2019.pdf

Dry Weather Screening Data: **Not Applicable.**

Dry Weather Screening results in Year 3 Submission

Inventory and Ranking of Outfalls/Interconnections:

https://www.town.rye.nh.us/sites/g/files/vyhli3751/f/uploads/final-idde_program-2019.pdf

Wet Weather Screening Data: **Not Applicable**

Catchment Investigation Data: **Not Applicable**

https://www.town.rye.nh.us/sites/g/files/vyhli3751/f/uploads/final-idde_program-2019.pdf

Illicit Discharge Removal Report: **Not Applicable**

Zero (0) Removals

Salt Reduction Plan:

https://www.town.rye.nh.us/sites/g/files/vyhli3751/f/uploads/salt_reduction_plan.pdf

Nitrogen Source Identification Report:

https://www.town.rye.nh.us/sites/g/files/vyhli3751/f/uploads/nitrogen_source_identification_report_0.pdf

Phosphorus Source Identification Report: **Not Applicable**

Chloride Reduction Plan: **Not Applicable**

Results from additional stormwater or receiving water quality monitoring reports or studies:
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 2018 EPA approved Section 303(d) Impaired Waters List which was used for the Year 4 reporting period and can be found here:

<https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/2018-epa-approval-20200225.pdf>.

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

Impairment(s)

☒ Bacteria/Pathogens

☒ Chloride

☒ Nitrogen

☐ Phosphorus

☐ Solids/ Oil/ Grease (Hydrocarbons)/ Metals

TMDL(s)

☐ Bacteria and Pathogens ☐ Chloride

☐ Lake and Pond Phosphorus

Receiving Waters/Impaired Waters/TMDL

Have you made any changes to your lists of receiving waters, outfalls, or impairments since the NOI was submitted?

☐ Yes

☒ No

Rye has not made changes to the list of receiving waters, outfalls, or impairments since the NOI submission.

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

Not Applicable

Minimum Control Measures

MCM 1: Public Education

Total number of all MS4 related educational efforts completed *during this reporting period*:
Fourteen (14)

BMP: Grass and Fertilizer

Outreach Resources:

Green Grass & Clear Water Brochure: https://www4.des.state.nh.us/nh-ms4/?page_id=54.https://seagrant.unh.edu/sites/default/files/media/2021-05/green-grass-and-clear-water-flyer-2019.pdf

Description:

Distribution and promotion of flyers and social media posts 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 and/or Business and Institutions

Responsible Department/ Parties:

Department of Public Works

Measurable Goal(s):

Lawn care enthusiast residents 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 4 = 25

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

Year 4 = **None (0)**

In year 4 approximately 25 bifold information brochures were picked up by residents and

businesses at the Transfer Station or Public Works Office.

In addition, articles were published in the Town's Newsletter which is mailed out to every town resident, homeowner and business in March, June, September, and December each year. Articles relative to Yard Waste, Fertilizer BMP's and Lawn Care are published each year.

Goal was achieved.

Message Date:

Articles were published in September of 2021, and June of 2022

Flyers continue to be available at the Public Works Office and Transfer Station.

BMP: Pet Waste Disposal

Outreach Resources:

"Every Drop" post cards or flyer [https://www4.des.state.nh.us/nh-ms4/?page_id=54petpledge - Every Drop | Small Changes. Big Difference. \(stateofoureestuaries.org\)](https://www4.des.state.nh.us/nh-ms4/?page_id=54petpledge-EveryDrop|SmallChanges.BigDifference.(stateofoureestuaries.org))

Description:

Distribution and promotion of "Every Drop" post cards or flyers with proper pet waste management, impacts of improper management, pet waste ordinance, and disposal requirements messaging. May include 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 4 = 0

Every dog owner received a copy of the flyer at the time of dog license renewal.

In addition, articles were published in the Town's Newsletter which is mailed out to every town resident, homeowner and business in March, June, September, and December each year. An article relative to Dog Waste is published each year.

Goal was achieved.

Message Date: At time of license renewal and articles published in September 2021, and June 2022.

"Scoop the Poop" and "Prep" fliers continue to be available at the Public Works Office and the transfer station.

BMP: Disposal of Leaf and Grass Clippings

Outreach Resources: https://www4.des.state.nh.us/nh-ms4/?page_id=54
https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/rake_it_or_leave_it_flyer.pdf

Description:

Distribute and promote informational flyers, pledge cards, and/or door hangers, with messaging about impacts from yard waste to waterbodies, alternatives to dumping yard waste and laws against dumping yard waste near or in waterbodies.

Targeted Audience:

Residential &/or Business and Institutions

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 brochures that were distributed *during this reporting period*:

Year 4 = 25

In year 4 approximately 25 bifold information brochures were picked up by residents and businesses at the Transfer Station or Public Works Office.

In addition, articles were published in the Town's Newsletter which is mailed out to every town resident, homeowner and business in March, June, September, and December each year. Articles relative to Yard Waste, Fertilizer BMP's and Lawn Care are published each year.

Goal was achieved.

Message Date: Articles were published in June and September of 2021, and June 2022.

"Rake it or Leave it" fliers continue to be available at the Public Works Office and the Transfer Station.

BMP: Septic System Maintenance

Outreach Resources: https://www4.des.state.nh.us/nh-ms4/?page_id=54
https://www.town.rye.nh.us/sites/g/files/vyhlf3751/f/uploads/get_pumped_brochure_0.pdf

Description:

Distributed and promoted brochure or door hangers, directing to website to educate New Hampshire homeowners with septic systems on how to identify, locate and maintain those systems. Get Pumped NH is a collaborated effort between the New Hampshire Association of Septage Haulers (NHASH) and the New Hampshire Department of Environmental Services (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 flyers that were distributed *during this reporting period*:

Year 4 = 25

In year 4 approximately 25 bifold information brochures were picked up by residents and businesses at the Transfer Station, Building Inspector or Public Works Office.

In addition, articles were published in the Town's Newsletter which is mailed out to every town resident, homeowner and business in March, June, September, and December each year. Articles relative to proper care and maintenance are published each year.

Goal was achieved.

Message Date: Article was published in September 2022.

"Septic Smart", "Get Pumped New Hampshire", and "What's Flushable" flyers continue to be available at the Public Works Office and Transfer Station.

BMP: Construction/Developers Outreach

Outreach Resources:

https://www4.des.state.nh.us/nh-ms4/?page_id=54

Description:

Provide the Construction General Permit outreach letter and brochure to developers, construction contractors, and other municipal or local organizations to educate them on both the new and updated requirements within the EPA 2022 Construction General Permit.

Targeted Audience:

Construction/ Developers

Responsible Department/ Parties:

Department of Public Works

Measurable Goal(s):

Contractors, developers, and municipal or local organizations are made aware of the updates and changes made to the EPA 2022 Construction General Permit including the requirement that those who wish to be considered a qualified person to conduct inspections must meet EPA training standards. Contractors and developers are also made aware of the need for proper erosion control practices during construction work.

Following is the number of brochures that were distributed to municipal or local organizations *during this reporting period:*

Year 4 = 9

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

Year 4 = 9

The Town of Rye held **One (1)** pre-construction meeting, representing **Twenty % (20%)** of projects that received planning board approval and began construction *during this reporting period*.

Goal was achieved.

Message Date: Ongoing.

Brochures continue to be available 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:

Not Applicable

MCM 2: Public Participation

- ☒ Provided an opportunity for public participation in review and implementation of SWMP and complied with State Public Notice requirements as described in the Town of Rye SWMP.
- ☒ Kept records relating to the permit available 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 Rye-Select Board Meeting, held June 29, 2022 at 6:30 in the Rye Town Hall.

Documents and records relating to the permit are retained and available for 5 years to the public at Rye Town Hall, Rye Public Works Department, and the Town of Rye Official Website.

Measurable Goal(s):

Input was received and records are maintained. **Goal was achieved.**

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

Public involvement or participation opportunities are ancillary to daily operations.

Rye has conducted the following public involvement or participation opportunities:
Household Hazardous Waste Collection Day, July 2021

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 found at the following website.

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

Number of SSO's identified *during this reporting period*: None (0)

Number of SSO's removed *during this reporting period*: None (0)

MS4 System Mapping

- ☒ Updated system map due in Year 2 as necessary:

Provide additional status information regarding your map:

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

Screening of Outfalls/Interconnections

- ☒ No outfalls were inspected for dry weather screening *during this report period*.
- ☐ Dry weather outfall screening data can be found in submission **AND/OR** found at the following website.

Dry Weather Screening

Number of outfalls screened *during this reporting period*: None (0)

Percent of total known outfalls screened to date *during this reporting period*: 0 Percent

The inventory and ranking of outfalls/interconnections was not updated during Year 4 because

outfalls/interconnections were not inspected.

Wet Weather Screening

- ☒ No outfalls were inspected for wet weather screening *during this report period.*
- ☐ Wet weather outfall screening data can be found in submission **AND/OR** found at the following website.

Number of outfalls screened *during this reporting period:* **None (0)**

Percent of total outfalls screened to date *during this reporting period:* **0 Percent**

Catchment Investigations

- ☒ No catchment investigations were conducted *during this report period.*
- ☐ Catchment investigation data can be found in submission **AND/OR** found at the following website.

Number of catchment investigations *during this reporting period:* **None (0)**

Percentage of total catchments investigated to date (Years 1 - Year 4) **None (0)**

IDDE Progress

- ☒ No illicit discharges were found *during this reporting period.*
- ☐ The illicit discharges removal report can be found in submission **AND/OR** found at the following website.

Number of illicit discharges identified *during this reporting period:* **None (0)**

Number of illicit discharges removed *during this reporting period:* **None (0)**

Estimated gallons of flow removed *during this reporting period:* **None (0)** gallons/day

Total number of illicit discharges identified since the effective date of the permit (July 1, 2018):
None (0)

Total number of illicit discharges removed since the effective date of the permit (July 1, 2018):
None (0)

Employee Training

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

The Town of Rye held an IDDE training session for municipal staff on May 24, 2022. The training offered was the Pioneer Valley Planning Commissions IDDE MS4 Compliance Workshops, Modules 1,2 and 3. As well as NHDES IDDE 10 1Video. Six staff members completed the training.

In addition, as a routine, IDDE materials and training, including information on how to identify illicit discharges and SSOs are made available to applicable employees in accordance with IDDE plan. Training logs are included in Appendix F of the IDDE report.

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

Not Applicable

MCM 4: Construction Site Stormwater Runoff Control

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

Number of site plan reviews completed *during this reporting period*: 5

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

Number of enforcement actions taken *during this reporting period*: None (0)

The Town of Rye works closely with contractors to address environmental concerns for the least environmental impact. Construction Site Stormwater Runoff Control standards are available on the official Town of Rye Website.

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

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

Not Applicable

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

Ordinance or Regulatory Mechanism

A Post Construction Ordinance, consistent with the permit requirements, has been adopted and can be found in the Town of Rye Code Section 202-9.

https://www.town.rye.nh.us/sites/g/files/vyhlf3751/f/uploads/stormwater_management_program_swmp.pdf

A program to address post-construction stormwater runoff from all new development and redevelopment projects has been developed and implemented and includes projects that disturb a minimum of one acre, or less than one acre if part of a larger common plan. Procedures for new development and re-development have been prepared and adopted and are included as part of the Stormwater and Land Development Management Regulations. Submission requirements for stormwater management reports and plans are included in local regulations and can be found at: Town of Rye Official Website. The purpose of stormwater and land development management standards is to provide reasonable guidance for the regulation of stormwater runoff, during planning, design, construction, and post-construction phases, to protect local natural resources from degradation and prevent adverse impacts to adjacent and downstream land, property, facilities, and infrastructure. These standards regulate discharges from stormwater and runoff from land development projects and other construction activities to control and minimize increases in stormwater runoff rates and volumes, soil erosion, stream channel erosion, and nonpoint source pollution associated with stormwater runoff. The stormwater management standards apply to any development or redevelopment projects which are subject to Site Plan Review or Subdivision approval that disturb more than 20,000 square feet or disturb more than 10,000 square feet within 100 feet of a surface water body. These standards apply to disturbances of less than the limits above if that disturbance is part of a large common plan for development that would disturb 20,000 square feet or more. The applicant shall submit as-built drawings of the constructed stormwater management system to the Code Enforcement Department following construction. As-built drawings are required to be submitted at completion of the project.

☒ The Town of Rye has regulatory mechanism consistent with permit requirements 2.3.6.a.ii.

Date regulatory mechanism was adopted: Prior to July 1st 2021

As-built Drawings

Number of as-built drawings received *during this reporting period*: EIGHT (8)

Retrofit Properties Inventory

- ☒ Identified permittee-owned properties that could potentially be modified or retrofitted with BMPs to reduce impervious cover

The Town of Rye has identified the following permittee-owned properties that could be modified or retrofitted with BMPs to mitigate impervious areas:

| Priority | IC (ac) | NH GIS ID | Street Address |
|----------|---------|-------------------|---------------------|
| 1 | 2.57 | 08187-011-134-000 | 309 Grove Road |
| 2 | 1.28 | 08187-012-055-000 | 20 Central Road |
| 3 | 1.15 | 08187-016-007-000 | 555 Washington Road |
| 4 | 0.69 | 08187-012-043-000 | 575 Washington Road |
| 5 | 0.51 | 08187-012-054-000 | 10 Central Road |
| 6 | 0.48 | 08187-012-053-000 | 0 Washington Road |
| 7 | 0.14 | 08187-012-038-000 | 37 Central Road |
| 8 | 0.13 | 08187-012-042-000 | 581 Washington Road |

https://www4.des.state.nh.us/nh-ms4/wp-content/uploads/2021/11/Pollutant-Hot-Spot_Priority-Summary-Report_Rye_2021.pdf

Street Design and Parking Lot Guidelines

- ☒ Developed a report assessing current street design and parking lot guidelines and other local requirements within the municipality that affect the creation of impervious cover, made it available as part of the SWMP, and: Street and Parking Lot Guidelines on the Official Town of Rye Website.
https://www.town.rye.nh.us/sites/g/files/vyhlf3751/f/uploads/ms4_year_4_street_and_parking_lot_guidelines.pdf

- ☒ No updates were recommended.

- ☐ Updates were recommended. The anticipated date or date of completion for updates is

Green Infrastructure Practices

- ☒ Developed a report assessing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist, made it available as part of the SWMP, and: Street and Parking Lot Guidelines on the Official Town of Rye Website.
https://www.town.rye.nh.us/sites/g/files/vyhlf3751/f/uploads/ms4_year_4_street_and_parking_lot_guidelines.pdf

☒ No updates were recommended.

☐ Updates were recommended. The anticipated date or date of completion for updates is

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

Not Applicable

MCM 6: Good Housekeeping

Catch Basin Cleaning

- ☐ Properly 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:

Number of catch basins inspected *during this reporting period*: None (0)

Number of catch basins cleaned *during this reporting period*: None (0)

Total volume or mass of material removed from all catch basins *during this reporting period*: None (0)

Total number of catch basins within the MS4 system: Approximately eight hundred (+/- 800)

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. This is detailed in the SWMP.

Catch Basin cleaning for the reporting period was conducted during September 2022 due to scheduling conflicts of the contracted service provider. The Town of Rye anticipates 150-200 catch basins to be cleaned and inspected during that time. The Town of Rye projects that between 10-15 cubic yards of material will be removed and properly stored and disposed of to prevent discharge to receiving bodies.

Street Sweeping

- ☒ Properly 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

Number of (lane) miles swept *during this reporting period*: Ninety (90)

Volume of swept material *during this reporting period*: Eight cubic yards (8 c.y)

Stormwater Pollution Prevention Plan (SWPPP)

- ☒ Implemented SWPPPs for all permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities where pollutants are exposed to stormwater; all of which are located at the same facility location at 309 Grove Road and have no stormwater discharge structures.

Inspections are completed, corrective actions taken, and employees are regularly trained as outlined in the SWPPP. The SWPPP and associated documentation is located on the Town of Rye's official website.

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

Number of site inspections completed for *during this reporting period*: **One (1)**

Number of corrective actions taken *during this reporting period*: **None (0)**

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

No corrective actions necessary

Operations and Maintenance (O & M) Programs

- ☒ O&M programs for all permittee owned facilities have been completed and/or updated as noted below:
- ☒ Implemented all maintenance procedures for permittee owned facilities in accordance with O&M programs
- ☐ Updated inventory of all permittee owned facilities as necessary

All permittee owned facilities, including an inventory, are included in our SWMP. There were no changes to report during Year 4.

- ☒ 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:

Catch Basin cleaning for the reporting period was conducted during September 2022 due to scheduling conflicts of the contracted service provider. The Town of Rye anticipates 150-200 catch basins to be cleaned and inspected during that time. The Town of Rye projects that between 10-15 cubic yards of material will be removed and properly stored and disposed of to prevent discharge to receiving bodies.

Appendix F and H: Water Quality Limited Waters & TMDLs

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

- ☒ Annual message was distributed encouraging the proper management of pet waste, including noting any existing ordinances where appropriate *during this reporting period*
- ☒ Permittee or its agent(s) disseminated educational material to dog owners at the time of issuance or renewal of dog license, or other appropriate time *during this reporting period*
- ☒ Provided information to owners of septic systems about proper maintenance in any catchment that discharges to a water body impaired for bacteria *during this reporting period*

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

Not Applicable

Chloride Impairment (Appendix H)

- ☐ Permittee does not have a chloride impairment
- ☒ Updated Salt Reduction Plan as necessary *during this reporting period* and can be found at the following website:

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

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
- ☒ 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

- ☒ The Nitrogen Source Identification Report can be found at:

https://www.town.rye.nh.us/sites/g/files/vyhlif3751/f/uploads/nitrogen_source_identification_report_0.pdf

Potential Structural BMPs

The tracking and accounting elements associated with the NH MS4 permit are ongoing, adaptive and are consistent with Attachment 3 of Appendix F of the permit. Currently there is emergent utilization of a new database tracking system called the Pollutant Tracing and Accounting Program (PTAP) supported by NHDES and a select number of municipalities. Coalition communities understand the importance of this effort and are committed to continuing to work towards better tracking and accounting strategies for both structural and non-structural BMPs. PTAP theoretically has limitless expansion capacity in the region and is already integrated with the EPA Region 1 supported BMP Accounting and Tracking Tool (BATT). This emerging collaboration will be a large component of future implementation efforts. While BMP tracking and accounting programs are not fully functional, these integrated planning tools provide a comprehensive solution to successful tracking and accounting metrics now and moving forward in the future.

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

Not Applicable

Phosphorus Impairment (Appendix H)

- ☒ Permittee does not have a phosphorus impairment
- ☐ 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

- ☐ The Phosphorus Source Identification Report can be found in submission **AND/OR** at:

Potential Structural BMPs

The tracking and accounting elements associated with the NH MS4 permit are ongoing, adaptive and are consistent with Attachment 3 of Appendix F of the permit. Currently there is emergent utilization of a new database tracking system called the Pollutant Tracing and Accounting Program (PTAP) supported by NHDES and a select number of municipalities. Coalition communities understand the importance of this effort and are committed to continuing to work towards better tracking and accounting strategies for both structural and non-structural BMPs. PTAP theoretically has limitless expansion capacity in the region and is already

integrated with the EPA Region 1 supported BMP Accounting and Tracking Tool (BATT). This emerging collaboration will be a large component of future implementation efforts. While BMP tracking and accounting programs are not fully functional, these integrated planning tools provide a comprehensive solution to successful tracking and accounting metrics now and moving forward in the future.

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)
- ☐ 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*

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
- ☐ Updated Chloride Reduction Plan as necessary *during this reporting period* and can be found at the following website

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
- ☐ Calculated baseline phosphorus, allowable phosphorus load, and phosphorus reduction requirement *during this reporting period*

☐ Defined the scope of the Lake Phosphorus Control Plan (LPCP).

The PCP scope is the entire area within our jurisdiction discharging to the impaired Waterbody *during this reporting period*

The PCP scope is the urbanized area portion of our jurisdiction discharging to the impaired Waterbody *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

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.

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:

Description of Any Changes in Identified BMPs or Measurable Goals

The Town of 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.

COVID-19 Impacts

If any of the above Year 4 requirements could not be completed *during this reporting period* due to the impacts of COVID-19, please identify the requirement(s) that could not be completed, any actions taken to attempt to complete the requirement, and reason the requirement could not be completed below:

Activities Planned for Next Reporting Period

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