

New Hampshire Small MS4 General Permit Annual Report TOWN OF RYE, NH Permit Year 1

EPA NPDES Permit Number NHR041000

Certification

Authorized Representative: The
authorization letter is:

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

Designation of Authorized Representative for NPDES 2017 NH Small MS4 General Permit

☒ Publicly available at the website:

<https://www.town.rye.nh.us/public-works>

"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

Dennis G. McCarthy

Signature



Date

October 27, 2019

Primary MS4 Program Manager Contact Information:

Position/Title: Public Works
Director

Name: Dennis McCarthy

Department: Public Works

Phone Number:

(603) 964-5300 Email

Address:

dmccarthy@town.rye.n

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An Action Entitled

DESIGNATION OF AUTHORIZED REPRESENTATIVE

FOR

NPDES 2017 NEW HAMPSHIRE

SMALL MUNICIPAL SEPARATE STORM SEWER SYSTEM

(MS4) GENERAL PERMIT.

WHEREAS, under the authority of the State of New Hampshire Revised Statue Annotated; Chapter 47, Section 17, Subsections I thru XIX; authorizing the Board of Selectmen to enact actions and ordinances,

AND WHEREAS, by signing this authorization, we confirm that we meet the following requirements to make such a designation as set forth in Part B. 11 of Appendix B of the 2017 New Hampshire Small MS4 General Permit:

For a municipality, state, federal, or other public agency: By either a principal executive officer or ranking elected official.

AND WHEREAS, we certify under penalty of law that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on our 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 our knowledge and belief, true, accurate, and complete.

AND WHEREAS, we are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

NOW THEREFORE BE IT ORDAINED, that the Town of Rye, by its Selectmen in meeting assembled on this date:

1. That this document serves to affirm that Dennis G. McCarthy has responsibility for the operation of the MS4 and is hereby designated as an authorized person for signing all reports including but not limited to the Stormwater Management Plan (SWMP)V Stormwater Pollution Prevention Plan (SWPPP), inspection reports, annual reports

2. This authorization cannot be used for signing a NPDES permit application (e.g., Notice of Intent (NOI)) in accordance with 40 CFR 122.22).

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Small MS4 Authorization

The following annual report is intended to document on the activities undertaken over the reporting period from May 1, 2018 — June 30, 2019 in accordance with the Notice of Intent. NOI can be found at the following (document name or web address):

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

Compliance activities have been identified and described in the Town of Rye's Stormwater Management Plan (SWMP) and Illicit Discharge Detection and Elimination Plan (IDDE). Those documents can be found at the following website and will be referred to throughout this report:

SWMP: https://www.town.rye.nh.us/public-works

IDDE: https://www.town.rye.nh.us/public-works

MCMI - Public Education and Outreach

BMP: Grass and Fertilizer

Document Name and/or Web Address:

- 1 .Green Grass & Clear Water Brochure: https://www4.des.state.nh.us/nh-ms4/?page_id=54.
- 2.Town of Rye Newsletter — Volume 22: Number 2.

Description:

- 1 .Distribution and promotion of four- fold flyer produced by UNH Cooperative Extension and NH Sea Grant outlining simple recommendations to keep lawns healthy while reducing water quality impacts - including proper fertilizer techniques and disposal of grass clippings.
2. News article pertaining to proper use of fertilizers, lawn watering, seed selection and soil testing.

Targeted Audience:

Residential &/or Business and Institutions

Measurable Goal(s):

Lawn care enthusiasts' 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 materials distribution methods and numbers and change in visits to UNH Cooperative Extension or municipal stormwater webpages

Assessment of goals will be discussed in greater detail in year 2, see https://www4.des.state.nh.us/nh-ms4/?page_id=54 "Minimum Control Measure 1 : Public Outreach and Education" for additional information

Message Date:

1. June 2019 (Flyer)
2. June 2019 (Article)

BMP: Pet Waste Disposal

Document Name and/or Web Address:

1. "Citizen Guide to Responsible Dog Ownership
2. Town of Rye Newsletter — Volume 22; Number 2.

Description:

1. Distribution and promotion of flyer with proper pet waste management, impacts of improper management, pet waste ordinance, and disposal requirements messaging. Handed out at Town Clerks office to every town resident registering a dog.
2. News article pertaining to proper disposal of animal waste

Targeted Audience:

1. Residents - Pet Owners
2. All Town Residents

Measurable Goal(s):

Dog owners are made aware of the potential water quality impacts from pet waste, local pet waste ordinances, and how to dispose of pet waste properly.

Assessment of goals will be discussed in greater detail in year 2, see https://www4.des.state.nh.us/nh-ms4/?page_id=54 "Minimum Control Measure 1 : Public Outreach and Education" for additional information

Message Date: 1. April 2019 at time of dog license renewal. (Flyer) 2. June 2019 (Article)

BMP: Disposal of Leaf and Grass Clippings

Document Name and/or Web Address: 1. Rye Town Newsletter — Vol 20; No. 3
2. Flyer

Description:

Distribute and promote informational flyer and news article, 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

Measurable Goal(s):

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

Assessment of goals will be discussed in greater detail in year 2, see https://www4.des.state.nh.us/nh-ms4/?page_id=54 "Minimum Control Measure 1 : Public Outreach and Education" for additional information

Message Date: 1. September 2017 (Article)
2. September 2019 (Flyer)

BMP: Septic System Maintenance

Document Name and/or Web Address:

1. "Get Pumped New Hampshire" https://www4.des.state.nh.us/nh-ms4/?page_id=54
2. "Get Pumped — Rye" Town of Rye Newsletter — Volume 22, No.3

Description:

Distribute and promote brochure and newsletter article, 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

Measurable Goal(s):

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

Assessment of goals will be discussed in greater detail in year 2, see https://www4.des.state.nh.us/nh-ms4/?page_id=54 "Minimum Control Measure 1 : Public Outreach and Education" for additional information

Message Date:
September 2019 (Flyer & Article)

MCM2 - Public Education and Outreach

Deliverables will progress in accordance with the accepted NOI and is scheduled for year 2.

MCM3 — Illicit Discharge Detection and Elimination

BMP: IDDE Legal Authority

The municipality will be establishing legal authority as outlined in the IDDE plan.

BMP: Sanitary Sewer Overflow (SSO) Inventory

The municipality has developed the SSO inventory in accordance with permit conditions and has nothing new to report.

BMP: Map of Storm Sewer System

Map of storm sewer system and associated outfalls is in progress in accordance with the accepted NOI.

BMP: IDDD Program

A Written DDE plan has been developed and is available on our website.

Initial outfall identification, characterization and prioritization has been completed and included in the IDDE plan. Written investigation deliverables will progress in accordance with the accepted NOI and is scheduled to be complete by April 1, 2020.

The following tasks are in progress in accordance with the accepted NOI.

Number and percent of total outfall catchments served by the MS4 evaluated using the catchment investigation procedure: None this reporting period.

Number of dry weather outfall investigations/screenings: None this reporting period.

Number of wet weather outfall inspections/sampling events: None this reporting period.

Number of illicit discharges removed: There were no illicit discharges identified in this report period.

Estimated gallons of flow removed: N/A

BMP: Employee Training

As a routine IDDE, materials and training, including information on how to identify illicit discharges and SSOs are made available to all applicable employees in accordance with IDDE plan.

MCM4 — Construction Site Stormwater Runoff Control

A Written site inspection and enforcement program for erosion and sediment control measures was created and is included in our SWMP.

In following tasks are in progress in accordance with the accepted NOI.

Number of site plan reviews completed: Five

Number of inspections: Five

Number of enforcement actions: None

MCM5 — Post Construction Stormwater Management in New Development and Redevelopment

BMP: Post-Construction Ordinance (due in year 2)

Deliverables will progress in accordance with the accepted NOI and is scheduled for year 2.

BMP: Street Design and Parking Lot Guidance Report due in year 4

Deliverables will progress in accordance with the accepted NOI and is scheduled for year 4.

BMP: Green Infrastructure Report due in year 4

Deliverables will progress in accordance with the accepted NOI and is scheduled for year 4, BMP:

<u>List of Municipal Retrofit Opportunities due in year 4</u>	Deliverables will progress in accordance with the accepted NOI and is scheduled for year 4.
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MCM6 — Good Housekeeping and Pollution Prevention for Permittee Owned Operations

BMP: Parks and Open Spaces Operations and Maintenance Procedures (due year 2)

Deliverables will progress in accordance with the accepted NOI and is scheduled for year 2.

BMP: Buildings and Facilities Operations and Maintenance Procedures (due EAL2.)

Deliverables will progress in accordance with the accepted NOI and is scheduled for year 2.

BMP: Vehicles and Equipment Operations and Maintenance Procedures (due year 2)

Deliverables will progress in accordance with the accepted NOI and is scheduled for year 2.

BMP: Catch Basin Cleaning Program

A schedule for catch basin cleaning has been established with the goal of ensuring catch basin should not be more than 50% full. This is detailed in the SWMP.

The following tasks are in progress in accordance with the accepted NOI.

Number of catch basins within MS4 regulated area: Approximately 800.

Number catch basins inspected in accordance with the SWMP: Approximately 200

Number of catch basins cleaned: Approximately 200

Volume or mass of material removed: 25 Cubic Yards

BMP: Street sweeping program

A street sweeping program has been established such that all streets with curbing and/or catch basins and permitted-owned parking lots are swept in accordance with permit conditions.

Number of (lane) miles swept: 90

Volume or mass of swept material: 10 Cubic Yards

BMP: Winter Road Maintenance Program

A winter road maintenance program has been established with a goal of reducing salt usage. An improvement made this year includes:

All salt application equipment was re-calibrated for an application rate of 500 pounds per lane mile.

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

Town of Rye continues to collect information with a goal of inventorying and formally inspecting all municipally owned BMPs. Any BMPs that are safety or flooding hazards are dealt with as needed.

The Town has secured a stormwater asset management grant and is proceeding with the proscribed program in accordance with the grant goals and schedule.

BMP: SWPPP due year 2

Deliverables will progress in accordance with the accepted NOI and is scheduled for year 2,

TMDL's and Water Quality Limited Waters

Bacteria/Pathogens

Outfalls to these receiving waters have been ranked as high priority for the IDDE implementation in the initial outfall ranking and enhanced BMP's have been implemented in accordance with the SWMP.

Nitrogen

Outfalls to these receiving waters have been ranked as high priority for the IDDE implementation in the initial outfall ranking and enhanced BMP's have been implemented in accordance with the SWMP.

The Town of Rye its participation in the Seacoast Stormwater Coalition and continued involvement with the NHDES led Pollutant Tracking and Accounting Program (PTAP), will satisfy the tracking and accounting requirement of the municipally owned structural BMP's listed in Attachment 1 to Appendix H.

Chloride

Outfalls to these receiving waters have been ranked as high priority for the IDDE implementation in the initial outfall ranking.

The Town of Rye through its participation in the Seacoast or the Lower Merrimack Valley Stormwater Coalition(s) and continued involvement with the NHDES led Green Snow Pro Program are working to develop a public education regarding impacts of salt use, methods to reduce salt use on private property, modifications to driving behavior in winter weather as listed in Attachment 1 to Appendix H.

Description of any changes in identified BMPs or measurable goals

The Town of Rye has implemented activities in accordance with the approved Notice of Intent. All BMPs and measurable goals as outlined in the approved NOI are appropriate.

Activities for the Next Reporting Cycle

The Town of Rye will continue to implement activities in accordance with the approved Notice of Intent.