

New Hampshire Small MS4 General Permit Annual Report

Town of Seabrook



Permit Year 1

EPA NPDES Permit Number NHR041000

Certification

Authorized Representative:

The authorization letter is:

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

N/A

- Publicly available at the website:

N/A

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Printed Name

William M Manzi III

Signature



Date

9/26/2018

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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://www3.epa.gov/region1/npdes/stormwater/nh/tms4noi/seabrook.pdf>

Compliance activities have been identified and described in the Town of Seabrook'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://seabrooknh.info/wp-content/uploads/2019/07/Seabrook-MS4_SWMP_6-28-19.pdf

IDDE: https://seabrooknh.info/wp-content/uploads/2019/07/Seabrook-MS4_IDDE_6-28-19.pdf

MCM1 – Public Education and Outreach

Year 1 Activities

BMP: Web Page

Document Name and/or Web Address:

<https://seabrooknh.info/town-departments/public-works/stormwaterprogram/>

Description:

Post all stormwater related information to the town website.

Targeted Audience:

Residents

Measurable Goal(s):

Track website hits.

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:

Maintained on a year-to-year basis

BMP: Brochures/Pamphlets

Document Name and/or Web Address:

<https://seabrooknh.info/wp-content/uploads/brochure1.pdf>

Description:

Stormwater brochure, containing information about the benefits of back-yard stream cleanup will be readily available at the Seabrook Town Hall and can be downloaded on the town website.

Targeted Audience:

Businesses, Developers, Construction Companies, Institutions, Commercial Facilities and Residents

Measurable Goal(s):

Track website hits.

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:

Maintained on a year-to-year basis

BMP: Displays/Posters/Kiosks

Document Name and/or Web Address:

<https://seabrooknh.info/wp-content/uploads/poster1.pdf>

Description:

Place stormwater poster in Town Hall, Community Building, and Library.

Targeted Audience:

Industrial facilities, General Public

Measurable Goal(s):

Track dates, numbers and methods of distributed materials.

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:

Maintained on a year-to-year basis

MCM2 – Public Involvement and Participation

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

BMP: Sanitary Sewer Overflow (SSO) Inventory

The number of SSO’s identified this year is zero.

BMP: Map of Storm Sewer System

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

BMP: IDDE Program

A written IDDE plan has been developed and is available on the Town of Seabrook's 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.

Number and percent of total outfall catchments served by the MS4 evaluated using the catchment investigation procedure: No sampling was done in year 1, sampling procedures are progressing in accordance with accepted NOI.

Number of dry weather outfall investigations/screenings: N/A

Number of wet weather outfall inspections/sampling events: N/A

Number of illicit discharges removed: N/A

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 involved 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 the Town of Seabrook's SWMP.

Number of site plan reviews completed (estimated): 15±

Number of inspections (estimated): 60±

Number of enforcement actions (estimated): 3±

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: List of Municipal Retrofit Opportunities (due in year 4)

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

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 year 2)

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.

Number of catch basins within MS4 regulated area: 1,200 ±

Number catch basins inspected in accordance with the SWMP: Roughly 50% of catch basins were inspected as of June 30, 2019 with anticipation that 100% of the catch basins within the MS4 regulated area will be inspected before October 1, 2019.

Number of catch basins cleaned (estimated): 1,000 ±

Volume or mass of material removed (estimated): 12 CY

BMP: Street Sweeping Program

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

The Town of Seabrook did not require any street sweepings this past year as no sand was required during the most recent period of winter road maintenance.

Number of (lane) miles swept: N/A

Volume or mass of swept material: N/A

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 using pavement temperature devices to justify the amount of salt usage on roads. The Town of Seabrook's Department of Public Works requires its workers to equip and use the device accordingly during a plowing or snow-cleaning operation.

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

Currently, the Town of Seabrook has no known municipally-owned BMPs.

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 been ranked as high priority for the IDDE implementation in the initial outfall ranking and enhanced BMP's been implemented in accordance with the SWMP.

Solids, Oil and Grease (Hydrocarbons), or Metals

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

Chloride

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

The Town of Seabrook through its participation in the Seacoast Stormwater Coalition 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 Seabrook 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 Seabrook will continue to implement activities in accordance with the approved Notice of Intent.