

Stormwater Management Program (SWMP)



Town of Seabrook, NH

99 Lafayette Road, NH 03874

Permit Year 5

EPA NPDES Permit Number NHR041033

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Certification

Authorized Representative:

The authorization letter is:

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

N/A

- ☒ Publicly available at the website:

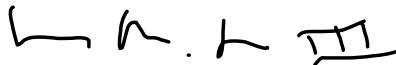
[https://seabrooknh.info/wp-content/uploads/2019/07/NH MS4 Authorization Seabrook NHR041033.pdf](https://seabrooknh.info/wp-content/uploads/2019/07/NH_MS4_Authorization_Seabrook_NHR041033.pdf)

“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

9/26/23

Background

Stormwater Regulation

The Stormwater Phase II Final Rule was promulgated in 1999 and was the next step after the 1987 Phase I Rule in EPA's effort to preserve, protect, and improve the Nation's water resources from polluted stormwater runoff. The Phase II program expands the Phase I program by requiring additional operators of MS4s in urbanized areas and operators of small construction sites, through the use of NPDES permits, to implement programs and practices to control polluted stormwater runoff. Phase II is intended to further reduce adverse impacts to water quality and aquatic habitat by instituting the use of controls on the unregulated sources of stormwater discharges that have the greatest likelihood of causing continued environmental degradation. Under the Phase II rule all MS4s with stormwater discharges from Census designated Urbanized Area are required to seek NPDES permit coverage for those stormwater discharges.

Permit Program Background

On May 1, 2003, EPA Region 1 issued its Final General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (2003 small MS4 permit) consistent with the Phase II rule. The 2003 small MS4 permit covered "traditional" (i.e., cities and towns) and "non-traditional" (i.e., Federal and state agencies) MS4 Operators located in the states of Massachusetts and New Hampshire. This permit expired on May 1, 2008 but remained in effect until operators were authorized under the 2016 MS4 general permit, which became effective on July 1, 2018.

Stormwater Management Program (SWMP)

The SWMP describes and details the activities and measures that will be implemented to meet the terms and conditions of the permit. The SWMP accurately describes the permittees plans and activities. The document should be updated and/or modified during the permit term as the permittee's activities are modified, changed or updated to meet permit conditions during the permit term. The main elements of the stormwater management program are (1) a public education program in order to affect public behavior causing stormwater pollution, (2) an opportunity for the public to participate and provide comments on the stormwater program (3) a program to effectively find and eliminate illicit discharges within the MS4 (4) a program to effectively control construction site stormwater discharges to the MS4 (5) a program to ensure that stormwater from development projects entering the MS4 is adequately controlled by the construction of stormwater controls, and (6) a good housekeeping program to ensure that stormwater pollution sources on municipal properties and from municipal operations are minimized.

Small MS4 Authorization

The NOI was submitted on

Oct 1, 2018

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

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

Authorization to Discharge under the 2017 NH Small MS4 General Permit was granted on

March 9, 2019

The Authorization Letter can be found (document name or web address):

https://seabrooknh.info/wp-content/uploads/2019/07/NH_MS4_Authorization_Seabrook_NHR041033.pdf

Stormwater Management Program Team

SWMP Team Coordinator:

Position/Title: William M. Manzi, III – Town Manager
Town of Seabrook
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wmanzi@seabrooknh.org

SWMP Team:

Position/Title: John Starkey – DPW Director
Town of Seabrook, DPW
(603) 474-9771
dpw@seabrooknh.org

Position/Title: Christopher Raymond, P.E. – Design Engineer
TEC, Inc. (DPW Consultant)
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Receiving Waters

The list of receiving waters, impairments and number of outfalls discharging to each waterbody segment has been included in the Notice of Intent. The modifications from New Hampshire's 2018 EPA approved 303(d) list have been included in this report.

Eligibility: Endangered Species and Historic Properties

Endangered Species and Historic Properties eligibility information has been included in the Notice of Intent.

MCM 1
Public Education and Outreach
Permit Part 2.3.2

Requirement Year 1

BMP: Webpage

Description:	Post all stormwater related information to the Town's website.
Targeted Audience:	Residents
Responsible Department/Parties:	DPW/DPW Consultant
Measurable Goal(s):	Track website hits.
Message Date:	Maintained on a year-to-year basis

BMP: Brochures/Pamphlets

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:	Residential &/or Business
Responsible Department/Parties:	DPW/DPW Consultant
Measurable Goal(s):	Begin with the fact sheet in at least 10 different locations. Continue to expand the number of locations at which the fact sheet is available, update as needed.
Message Date:	Maintained on a year-to-year basis

BMP: Displays/Posters/Kiosks

Description:	Place stormwater poster in Town Hall, Community Building, and Library.
Targeted Audience:	Industrial Facilities, Residents
Responsible Department/Parties:	DPW/DPW Consultant
Measurable Goal(s):	Track dates, numbers, and methods of distributed materials.
Message Date:	Maintained on a year-to-year basis

Requirement Year 2

BMP: Pet Waste Disposal

Description:	Distribution and promotion of "Every Drop" post cards or flyer 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.
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Targeted Audience: Pet Owners

Responsible Department/Parties: DPW/DPW Consultant

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.

Message Date: April 1st – April 30th, annually

BMP: Brochures/Pamphlets

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: Residential &/or Business

Responsible Department/Parties: DPW/DPW Consultant

Measurable Goal(s): Begin with the fact sheet in at least 10 different locations. Continue to expand the number of locations at which the fact sheet is available, update as needed.

Message Date: Maintained on a year-to-year basis

BMP: Displays/Posters/Kiosks

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

Targeted Audience: Industrial Facilities, Residents

Responsible Department/Parties: DPW/DPW Consultant

Measurable Goal(s): Track dates, numbers, and methods of distributed materials.

Message Date: Maintained on a year-to-year basis

Requirement Year 3

BMP: Pet Waste Disposal

Description: Distribution and promotion of "Every Drop" post cards or flyer 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: Pet Owners

Responsible Department/Parties: DPW/DPW Consultant

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.

Message Date: April 1st – April 30th, annually (Dog Licensing).

BMP: Industrial Outreach

Description: Distribute outreach letter and stormwater fact sheet to industrial facilities located within MS4 or municipal boundaries to explain best management practices related to maintenance of parking lots, spill prevention, storage of industrial materials, and winter maintenance. Industrial facility operators were also made aware that they fall under the EPA Multi-Sector General Permit (MSGP) and must meet those requirements as well.

Targeted Audience: Industrial Facilities

Responsible Department/Parties: DPW/DPW Consultant

Measurable Goal(s): Industrial facility operators are aware of the need for proper stormwater best management practices within their facilities and requirements under the EPA Multi-Sector General Permit (MSGP).

Message Date: Spring

BMP: Household Hazardous Waste Day

Description: Various stormwater-related documents were displayed at Household Hazardous Waste Day hosted by the neighboring Town of Exeter where citizens of the Town of Seabrook participated.

Targeted Audience: Residential

Responsible Department/Parties: DPW/DPW Consultant

Measurable Goal(s): Track number of Seabrook residents who attended based on attendance reports.

Message Date: Annually

BMP: Stormwater Education Program Brochure

Description: Stormwater Education Program brochure containing information about stormwater runoff and the benefits of eliminating pollution will be readily available at the Seabrook Town Hall and can be downloaded on the town website.

Targeted Audience: Residential &/or Business

Responsible Department/Parties: DPW/DPW Consultant

Measurable Goal(s): Count the amount of Stormwater Education Program brochures that have been received by residents and business owners at the Seabrook Town Hall.

Message Date: Maintained on a year-to-year basis

BMP: Stormwater Education Program Poster

Description: Stormwater Education Program poster containing information about stormwater runoff and the benefits of eliminating pollution is displayed in Seabrook Town Hall.

Targeted Audience: Residential &/or Business

Responsible Department/Parties: DPW/DPW Consultant

Measurable Goal(s): Poster to be placed in a location where it can be seen by all residents who enter the Seabrook Town Hall.

Message Date: Maintained on a year-to-year basis

Requirement Year 4

BMP: Pet Waste Disposal

Description: Distribution and promotion of "Every Drop" post cards or flyer 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: Pet Owners

Responsible Department/Parties: DPW/DPW Consultant

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.

Message Date: April 1st – April 30th, annually (Dog Licensing).

BMP: Developer/Construction Outreach

Description: Distribute Construction General Permit and EPA stormwater fact sheets to developers/contractors located within MS4 or municipal boundaries to explain the CGP and ways to reduce the amount of sediment that is washed off construction sites by stormwater.

Targeted Audience:	Developer/Construction
Responsible Department/Parties:	DPW/DPW Consultant
Measurable Goal(s):	Developers/Contractors are aware of the need for proper stormwater best management practices and requirements under the Construction General Permit (CGP).
Message Date:	Spring

BMP: Household Hazardous Waste Day

Description:	Various stormwater-related documents were displayed at Household Hazardous Waste Day hosted by the neighboring Town of Exeter where citizens of the Town of Seabrook participated.
Targeted Audience:	Residential
Responsible Department/Parties:	DPW/DPW Consultant
Measurable Goal(s):	Track number of Seabrook residents who attended based on attendance reports.
Message Date:	Annually

BMP: Stormwater Education Program Brochure

Description:	Stormwater Education Program brochure containing information about stormwater runoff and the benefits of eliminating pollution will be readily available at the Seabrook Town Hall and can be downloaded on the town website.
Targeted Audience:	Residential &/or Business
Responsible Department/Parties:	DPW/DPW Consultant
Measurable Goal(s):	Count the amount of Stormwater Education Program brochures that have been received by residents and business owners at the Seabrook Town Hall.
Message Date:	Maintained on a year-to-year basis

BMP: Stormwater Education Program Poster

Description:	Stormwater Education Program poster containing information about stormwater runoff and the benefits of eliminating pollution is displayed in Seabrook Town Hall.
Targeted Audience:	Residential &/or Business
Responsible Department/Parties:	DPW/DPW Consultant

Measurable Goal(s):	Poster to be placed in a location where it can be seen by all residents who enter the Seabrook Town Hall.
Message Date:	Maintained on a year-to-year basis

Requirement Year 5

BMP: Pet Waste Disposal

Description:	Promotion of "Every Drop" post cards and/or municipally created flyers, mailers, postcards, brochures, and/or videos with educational information about proper pet waste management, impacts of improper management, pet waste ordinance, and disposal requirements messaging. May include 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:	Pet Owners
Responsible Department/Parties:	DPW/DPW Consultant
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.
Message Date:	April 1 st – April 30 th , annually (Dog Licensing).

BMP: Industrial Outreach Letters

Description:	Mailing of industrial facility outreach letters to industrial facilities within the MS4 boundary, with attached Stormwater Pollution Control for Industrial Facilities Fact Sheet.
Targeted Audience:	Industrial Facilities
Responsible Department/Parties:	DPW Consultant
Measurable Goal(s):	Industrial Facilities become aware of activities regulated under the new version of the Multi-Sector General Permit (MSGP), methods for pollution control, and the resources available from the Seacoast Stormwater Coalition. Companies with industrial facilities in the town will have contact information and resources necessary for stormwater pollution prevention and collecting improving water quality within the Town of Seabrook.
Message Date:	Letters mailed on 9/15/2023.

BMP: Household Hazardous Waste Day

Description:	Various stormwater-related documents were displayed at Household Hazardous Waste Day hosted by the neighboring Town of Exeter where citizens of the Town of Seabrook participated.
Targeted Audience:	Residential
Responsible Department/Parties:	DPW/DPW Consultant
Measurable Goal(s):	Track number of Seabrook residents who attended based on attendance reports.
Message Date:	Annually

BMP: Stormwater Education Program Brochure

Description:	Stormwater Education Program brochure containing information about stormwater runoff and the benefits of eliminating pollution will be readily available at the Seabrook Town Hall and can be downloaded on the town website.
Targeted Audience:	Residential &/or Business
Responsible Department/Parties:	DPW/DPW Consultant
Measurable Goal(s):	Count the amount of Stormwater Education Program brochures that have been received by residents and business owners at the Seabrook Town Hall.
Message Date:	Maintained on a year-to-year basis

BMP: Stormwater Education Program Poster

Description:	Stormwater Education Program poster containing information about stormwater runoff and the benefits of eliminating pollution is displayed in Seabrook Town Hall.
Targeted Audience:	Residential &/or Business
Responsible Department/Parties:	DPW/DPW Consultant
Measurable Goal(s):	Poster to be placed in a location where it can be seen by all residents who enter the Seabrook Town Hall.
Message Date:	Maintained on a year-to-year basis

MCM 2
Public Involvement and Participation
Permit Part 2.3.3

BMP: Public Review of Stormwater Management Program

Location of Plan and/or Web Address:

<https://seabrooknh.info/town-departments/public-works/ms4-stormwater-program/>

Responsible Department/Parties: DPW/DPW Consultant

Measurable Goal(s): Stormwater Management Plan is publicly available.

BMP: Public Participation in Stormwater Management Program Development

Description: Documents related to the Stormwater Management Program such as the SWMP, IDDE, and Annual Reports are made available to the public to access and review.

Responsible Department/Parties: DPW/DPW Consultant

Measurable Goal(s): Annual public input provided.

BMP: Household Hazardous Waste Day

Description: Once a year, Rockingham Planning Commission hosts a Household Hazardous Waste Day at the Town of Exeter Public Works Department. This provides an opportunity for residents to dispose of any of the hazardous waste they have accumulated over the year.

Responsible Department/Parties: DPW/DPW Consultant

Measurable Goal(s): Track number of Seabrook residents who attended based on attendance reports.

MCM 3
Illicit Discharge Detection and Elimination
(IDDE) Program
Permit Part 2.3.4

BMP: IDDE Legal Authority

See Illicit Discharge Detection and Elimination (IDDE) Plan

BMP: Sanitary Sewer Overflow (SSO) Inventory

See Illicit Discharge Detection and Elimination (IDDE) Plan

BMP: Map of Storm Sewer System

See Illicit Discharge Detection and Elimination (IDDE) Plan

BMP: IDDE Program

See Illicit Discharge Detection and Elimination (IDDE) Plan

BMP: Employee Training

See Illicit Discharge Detection and Elimination (IDDE) Plan

MCM 4
Construction Site Stormwater Runoff Control
Permit Part 2.3.5

BMP: Sediment and Erosion Control Ordinance

Completed (by May 1, 2008) ☒

Ordinances Link or Reference:

Appendix A, Stormwater Management:
<https://seabrooknh.info/wp-content/uploads/2019/06/Subdivision-Regulations-dated-4June2019-1.pdf>

Department Responsible for Enforcement:

DPW/DPW Consultant

BMP: Site Plan Review Procedures

Written procedures completed (by year 1) ☒

Document Name and/or Web Address:

Section 7, Stormwater Management: <https://seabrooknh.info/wp-content/uploads/2019/06/Subdivision-Regulations-dated-4June2019-1.pdf>

Department Responsible for Enforcement:

DPW/DPW Consultant

Description:

Measurable Goal(s):

Conduct site plan review of 100% of projects according to the procedures outlined above.

BMP: Site Inspections and Enforcement of Sediment and Erosion Control Measures Procedures

Completed (by year 1) ☒

Document Name and/or Web Address:

Appendix A, Stormwater Management:
<https://seabrooknh.info/wp-content/uploads/2019/06/Subdivision-Regulations-dated-4June2019-1.pdf>

Department Responsible for Enforcement:

DPW/DPW Consultant

Description:

Measurable Goal(s):

Inspect 100% of construction sites as outlined in the above document and take enforcement actions as needed.

MCM 5

Post Construction Stormwater Management in New Development and Redevelopment

Permit Part 2.3.6

BMP: Post-Construction Ordinance

Completed (by year 2) ☒

Town Ordinances Link or Reference:

<https://seabrooknh.info/wp-content/uploads/2021/06/Site-Plan-Regs-dated-14June2021.pdf> and <https://seabrooknh.info/wp-content/uploads/2020/12/Subdivision-Regs-dated-17Nov2020.pdf>

Department Responsible for Enforcement:

DPW/DPW Consultant

BMP: Street Design and Parking Lot Guidelines Report

Completed (by year 4) ☒

Document Name and/or Web Address:

New Hampshire Small MS4 Regulation Assessment Report

Department Responsible for Enforcement:

DPW/DPW Consultant

Description:

The report assesses current street design and parking lot guidelines and other local requirements that affect the creation of impervious cover. The assessment is used to provide information to determine if the design standards for streets and parking lots can be modified to support low impact design options. The assessment includes recommendations and proposed schedules to incorporate policies and standards into relevant documents and procedures to minimize impervious cover attributable to parking areas and street designs.

Measurable Goal(s):

Recommendations are implemented by year 4 with progress reported annually.

BMP: Green Infrastructure Report

Completed (by year 4) ☒

Document Name and/or Web Address:

New Hampshire Small MS4 Regulation Assessment Report

Department Responsible for Enforcement:

DPW/DPW Consultant

Description:

The report assesses existing local regulations including, but not limited to, zoning and construction codes to determine the feasibility of making various green infrastructure practices allowable when appropriate site conditions exist. The assessment indicates whether and under what circumstances the practices are allowed in the MS4 jurisdiction. The assessment identifies impediments to the use of these practices and what changes in local regulations may be made to make them allowable and provides a schedule for implementation of recommendations.

Measurable Goal(s):

Recommendations are implemented by year 4 with progress reported annually.

BMP: List of Municipal Retrofit Opportunities

Completed (by year 4) ☒

Document Name and/or Web Address:

Inventory and Priority Ranking of Permittee-Owned Property

Department Responsible for Enforcement:

DPW/DPW Consultant

Description:

The document provides an inventory and priority ranking of permittee-owned property and existing infrastructure that could be retrofitted with BMPs designed to reduce the frequency, volume, and pollutant loads of stormwater discharges to its MS4 through the mitigation of impervious area. The properties and infrastructure for consideration include those with the potential for mitigation of on-site impervious area, as well as those that could provide mitigation of off-site impervious area. The inventory and priority ranking is a screening level ranking that is based on existing and readily obtainable data.

Measurable Goal(s):

The list is completed by year 4 and updated as needed.

MCM 6
Good Housekeeping and Pollution Prevention
for Permittee Owned Operations
Permit Part 2.3.7

PERMITTEE OWNED FACILITIES

BMP: Parks and Open Spaces Operations and Maintenance Procedures

Written Document Completed (by year 2) ☒

Document Name and/or Web Address: See description below.

Responsible Department/Parties: DPW/DPW Consultant

Description: The Town of Seabrook has established procedures to address the proper use, storage, and disposal of pesticides, herbicides, and fertilizers (PHF) including minimizing the use of these products in accordance with manufacturer's instructions; trash management; pet waste disposal; waterfowl management; and erosion and poor vegetative cover and as outlined in Section 2.3.7.1 a. of the MS4 permit.

Municipal Parks and Open Space Inventory:

The following is a list of properties covered by these procedures and include all municipal and county facilities where fertilizers are stored, mixed, applied, recycled, or disposed of, and at municipal properties in which lawns or vegetation are mowed, trimmed, and maintained (e.g. parks, golf courses, and open space properties) located within the MS4 area. This inventory shall be updated annually during SWMP review.

Park/Open Space	Address/ Location	Services Contracted	Lawn Mowing	Landscaping	Fertilizing	Pesticide/Herbicide	Trash mgmt.	Pet waste	Waterfowl mgmt.	Other maintenance:
Governor Weare Park	43 Gove Road		X	X	X		X	X	X	
Veteran's Park	56 South Main Street		X	X	X		X	X	X	
Harborside Park	745 Ocean Boulevard (West Side)		X	X	X		X	X	X	
Hillside Cemetary	28 Lafayette Road		X	X	X		X	X	X	
Wildwood Cemetery	132 S Main Street		X	X	X		X	X	X	

Training:

Annual maintenance procedures training will be made available to employees involved in Parks and Open Spaces operations. All contractors involved in Parks and Open Spaces operations are provided the information in this section of the SWMP.

Example training video:

<https://www.youtube.com/watch?v=6eD29UBINqE&feature=youtu.be>

Best Management Practices:

The following best management practices (BMPs) aim to minimize the concentration of nitrogen and phosphorus in stormwater runoff:

Lawn Maintenance

Landscape Maintenance

- Mulch-mow grasses whenever possible; grass clippings are a natural fertilizer.
- Sweep grass clippings from sidewalks or streets back onto grassy areas.
- Dispose of organic wastes by composting whenever possible. When composting is not possible, dispose of organic wastes at an approved disposal facility. In both cases, ensure that runoff from sites does not enter a waterway.
- Do not wash down or dispose of lawn clippings, leaves, tree trimmings, or other landscape waste in a storm drain, drainage ditch, or open body of water.
- Consider landscape design that utilizes native, drought tolerant vegetation.
- Irrigate with the minimal amount of water needed. Never water at rates that exceed the infiltration rate of the soil.
- Maintain all irrigation systems so that irrigation uses the minimum amount of water possible, is applied evenly, and does not run off. Repair broken or leaking sprinkler heads as soon as possible.

Application of Fertilizers

- Properly calibrate all fertilizer application equipment to ensure proper application rate.
- Time the application of fertilizers to coincide with the manufacturer's recommendation for best results.
- Consider using fertilizers with low or no levels of phosphorus.
- Consider use slow release fertilizers.
- Consider over-seeding in lieu of any fertilizer.

Storage and Handling of Fertilizers

- Store and mix fertilizers inside a covered area that has an impervious (i.e. hard or paved) surface, preferably indoors, so that spills or leaks will not contact soils or waters.
- Do not handle or dispose of fertilizers, pesticides, herbicides, or fungicides in or near storm drains, irrigation ditches, or surface water.
- Dispose of excess or leftover chemicals according to the instructions on the label, preferably on the target pest, vegetated area, or as hazardous waste.

Trash Management

- Routinely pick up any trash bags left along trails, parks, or streets.
- Empty trash cans and dumpsters regularly.
- Keep lids on all trash cans and dumpsters.

Pet Waste Cleanup

- Post signs in areas concerning the proper disposal of pet wastes.

Waterfowl Waste Management

- Discourage waterfowl from living in stormwater infrastructure.
- Scare geese away from ponds on golf courses or parks.
- Clean and inspect storm drains regularly to prevent wildlife from living in the storm drainage system.
- Contact local animal control, pest control, or New Hampshire and Game Department to remove wild animals from bridges, storm drainage systems, or golf courses.
- Do not feed waterfowl.

Erosion and Poor Vegetative Cover

- Install temporary sediment and erosion control stabilization measures as needed.
- Re-establish grass or native plants, especially within 50 ft of a surface water.

Measurable Goal(s): Implement the BMP's on 100% of the parks and open spaces.

BMP: Buildings and Facilities Operations and Maintenance Procedures

Written Document Completed (by year 2) ☒

Document Name and/or Web Address:

Responsible Department/Parties:

Description: Evaluate the use, storage, and disposal of petroleum products and other potential stormwater pollutants. Provide employee training as necessary, ensure that Spill Prevention Plans are in place. Develop management procedures for dumpsters and other waste management equipment. Sweep lots and areas surrounding the facilities clean to reduce runoff of pollutants in accordance with Section 2.3.7.1 b. of the MS4 permit.

Municipal Buildings and Facilities Inventory:

The following is a list of properties covered by these procedures and include all schools, municipal offices, police and fire stations, municipal pools, parking garages, etc. located within the MS4 area. This inventory shall be updated annually during SWMP review.

Building	Address/ Location	Services Contracted	Trash mgmt.	Building Maintenance	Pollutant Storage	Petroleum Storage	Other maintenance:
Seabrook Transfer Station	70 Rocks Road		X	X	X	X	
Seabrook Wastewater Treatment Plant	274 Route 286 (Wright's Island)		X	X	X		
Seabrook Elementary School	256 Walton Road		X	X			
Seabrook Police Department	7 Liberty Lane		X	X			
Seabrook Fire Department	87 Centennial Road		X	X		X	
Seabrook Community Center	311 Lafayette Road		X	X			
Seabrook Town Hall	99 Lafayette Road		X	X			
Seabrook Department of Public Works	43 Railroad Avenue		X	X			
Seabrook Water Department	550 Route 107		X	X			
Seabrook Library	25 Liberty Lane		X	X			

Training:

Annual maintenance procedures training will be made available to employees involved in Municipal Building and Facilities operations. All contractors involved in Building and Facilities operations are provided the information in this section of the SWMP.

Best Management Practices:

The following best management practices (BMPs) will be implemented at all municipally owned or operated buildings and facilities located within the MS4 area:

Handling, Storage, Transfer, and Disposal of Trash and Recyclables

All liquid and solid waste must be disposed of properly. Some of the most common sources of pollution at municipal facilities are a result of littering, improper collection of debris, and improper disposal of solid or liquid waste.

- All waste and recycling receptacles must be leak-tight with tight-fitting lids or covers.
- Keep lids on dumpsters and containers closed at all times unless adding or removing material.
- Do not locate dumpsters over or adjacent to catch basins.
- Clean up any liquid leaks or spills with dry cleanup methods.
- Arrange for waste or recycling to be picked up regularly and disposed of at approved disposal facilities.
- Never place hazardous materials, liquids, or liquid-containing wastes in a dumpster or recycling or trash container.
- Conduct periodic inspections of solid and liquid waste storage areas to check for leaks and spills.
- Place waste or recycling receptacles indoors or under a roof or overhang whenever possible.
- Locate dumpsters on a flat, paved surface and install berms or curbs Around the storage area to prevent run-on and run-off.
- Prior to transporting waste, trash, or recycling, ensure that containers are not leaking (double bag if needed) and properly secure containers to the vehicle.
- Clean and sweep up around outdoor waste containers regularly.
- Do not wash trash or recycling containers outdoors or in parking lots.
- Conduct periodic inspections of work areas to ensure that all wastes are being disposed of properly.
- In dumpster areas, regularly pick up surrounding trash and debris and regularly sweep the area.
- In compactor areas, regularly check the hydraulic fluid hoses and reservoir to ensure that there are no cracks or leaks. Regularly sweep the area.

Building Maintenance

- Sweep parking lots and keep areas surrounding facilities clean to reduce runoff of pollutants.
- Paint and other chemicals should not be applied on the outside of buildings when it is raining or prior to expected rain.
- When sanding, painting, power washing, etc., ensure that sites are properly prepared (e.g., use tarps) and cleaned (e.g., use dry cleaning methods) especially if they are near storm drains. Protect catch basins when maintenance work is conducted upgradient of them.
- When painting, use a drop cloth and clean up any spills immediately.
- Do not leave open containers on the ground where they may accidentally tip over.
- Buildings should be routinely inspected for areas of potential leaks.
- Water must be properly dechlorinated and tested before it is discharged.
- Streets and parking lots surrounding municipal buildings and facilities should be swept and kept clean to reduce runoff of pollutants and debris to the stormwater system.

Storage of Petroleum Products and Potential Pollutants

- Evaluate the use, storage and disposal of petroleum products and other potential stormwater pollutants.
- Routinely inspect buildings and facilities for areas of potential discharges or leaks.
- Floor drains in storage areas should be disconnected from the stormwater system.

Spill Response

- Ensure that spill prevention plans are in place (these should be included for maintenance garages, public works yards, transfer stations and other waste handling facilities see individual SWPPPs).
- Notify the facility's supervisor immediately and ensure that other staff and/or members of the public are aware of the spill and removed from the spill area as appropriate.
- Coordinate with fire department as necessary.
- For large oil spills, NHDES Petroleum Spill Response program will be notified immediately at (603) 271-3644 and an emergency response contractor would be called in.
- Materials and equipment necessary for spill cleanup may include but are not limited to brooms, dust pans, mops, rags, gloves, goggles, kitty litter, sand, sawdust, and plastic and metal trash containers specifically for the purpose.

- Assess the contaminant release site for potential safety issues and for direction of flow.
- The spill area will be kept well ventilated and personnel will wear appropriate protective clothing to prevent injury from contact with a hazardous substance.
- Spills of toxic or hazardous material will be reported to the appropriate State or local government agency as required by State and Local regulations.
- With proper training and personal protective equipment, complete the following:
 - Stop the contaminant release;
 - Contain the contaminant release through the use of spill containment berms or absorbents;
 - Protect all drains and/or catch basins with the use of absorbents, booms, berms or drain covers;
 - Clean up the spill;
 - Dispose of all contaminated products in accordance with applicable federal, state and local regulations.

Measurable Goal(s): Implement the BMP's on 100% of buildings and facilities.

BMP: Vehicles and Equipment Operations and Maintenance Procedures

Written Document Completed (by year 2) ☒

Document Name and/or Web Address: See description below.

Responsible Department/Parties: DPW/DPW Consultant

Description: The Town of Seabrook has established procedures for the storage of permittee vehicles. Vehicles with fluid leaks shall be stored indoors and containment shall be provided. Evaluate fueling areas owned by the permittee or used by permittee vehicles. Procedures have been established to ensure that vehicle wash waters are not discharged to municipal stormdrains or surface waters. Procedures have been established as outlined below and in accordance with Section 2.3.7.1.c of the MS4 permit.

Training:

Annual maintenance procedures training will be made available to employees involved in Vehicle Equipment operations.

Best Management Practices:

The following best management practices (BMPs) will be implemented for all municipally owned or operated vehicles and equipment:

Vehicle Storage

- Vehicles with fluid leaks shall be stored in doors or containment shall be provided until repaired.

- Monitor vehicles and equipment for leaks and use drip pans as needed until repairs can be performed.
- When drip pans are used, avoid overtopping.
- Drain fluids from leaking or wrecked vehicles and parts as soon as possible. Dispose of fluids properly.
- Store and park vehicles on impervious surfaces and/or under cover or indoors whenever possible.

Vehicle Maintenance

- Conduct routine inspections of heavy equipment and vehicles to proactively identify maintenance needs or potential leaks.
- Perform routine preventive maintenance to ensure heavy equipment and vehicles are operating optimally.
- Recycle or dispose of waste properly and promptly.
- Sweep and pick up trash and debris as needed.
- Do not dump any liquids or other materials outside, especially near or in storm drains or ditches.

Fueling

- Fueling areas owned or operated by the municipality should be covered if possible.
- Fueling areas should be evaluated to ensure that pollutants (e.g., gasoline or oil) do not enter the MS4.

Vehicle Washing Procedures

Outdoor washing of municipal vehicles should be avoided.

Vehicle wash waters shall not be discharged to the MS4 or to surface waters.

Where no alternative wash system is available, and full containment of wash water cannot be achieved, adhere to the following procedures:

- Avoid discharge of any wash water directly to the storm drainage system or surface water (e.g., stream, pond, or drainage swale)
- Minimize the use of water to the extent practicable.
- Where the use of detergent cannot be avoided, use products that do not contain regulated contaminants. The use of a biodegradable, phosphate-free detergent is preferred.
- Do not use solvents except in dedicated solvent parts washer systems or in areas not connected to a sanitary sewer.
- Do not power wash, steam clean, or perform engine or undercarriage cleaning.
- Grassy and pervious (porous) surfaces may be used to promote direct infiltration of wash water, providing treatment before recharging groundwater and minimizing runoff to an adjacent stormwater system. Pervious surfaces or other infiltration-based systems should not be used within wellhead protection areas or within other protected resources.
- Impervious surfaces discharging to the storm drainage system should not discharge directly to a surface water unless treatment is

provided. The treatment device should be positioned such that all drainage must flow through the device, preventing bypassing or short-circuiting.

- Periodic sweeping and/or cleaning should be completed to prevent accumulation from forming on the washing area.
- Maintain absorbent pads and drip pans to capture and collect spills or noticeable leaks observed during washing activities.

Heavy Equipment Washing Procedures

- Mud and heavy debris removal should occur on impervious surfaces or within a retention area.
- Maintain these areas with frequent mechanical removal and proper disposal of waste.
- Impervious surfaces with engineered storm drain systems should not discharge directly to a surface water.
- Floor drains should be connected to a sanitary sewer or tight tank. Floor drains discharging to adjacent surface waterbodies or engineered storm drain systems should be permanently plugged or otherwise abandoned before any vehicle wash activities are completed.
- Where the use of detergent cannot be avoided, use products that do not contain regulated contaminants. The use of biodegradable, phosphate-free detergent is preferred.
- Detergents should not be used in areas where oil/water separators provide pre-treatment of drainage.
- Maintain absorbent pads and drip pans to capture and collect spills or noticeable leaks observed during washing activities.

Measurable Goal(s): Implement the BMP's on 100% of vehicles and equipment.

INFRASTRUCTURE

BMP: Catch Basin Cleaning Program

Written Document Completed (by year 1) ☒

Document Name and/or Web Address:

Responsible Department/Parties:

Description: The Town of Seabrook performs routine inspections, cleaning, and maintenance of the approximately 1,200 catch basins that are located within the MS4 regulated area. The Town of Seabrook will implement the following catch basin inspection and cleaning procedures to reduce the discharge of pollutants from the MS4.

- Routine inspection and cleaning of catch basins. Catch basins should be

cleaned such that they are no more than 50 percent full at any time. The Town of Seabrook will initially inspect all catch basins within the regulated area within two (2) years of the effective date of the permit to evaluate sediment or debris accumulation and establish optimal inspection and maintenance frequencies to meet the “50 percent” goal.

- If a catch basin sump is more than 50 percent full during two consecutive routine inspections or cleaning events, the finding will be documented, the contributing drainage area will be investigated for sources of excessive sediment loading, and to the extent practicable, contributing sources will be addressed. If no contributing sources are found, the inspection and cleaning frequency will be increased.
- Catch basins located near construction activities (roadway construction, residential, commercial, or industrial development or redevelopment) will be inspected and cleaned more frequently if inspection and maintenance activities indicate excessive sediment or debris loadings (i.e., catch basins more than 50 percent full). Priority will also be given to catch basins that discharge to impaired waters.
- The following information will be included in each annual report:
 - Any action taken in response to excessive sediment or debris loadings
 - Total number of catch basins
 - Number of catch basins inspected
 - Number of catch basins cleaned
 - Total volume or mass of material removed from catch basins.

Measurable Goal(s): All catch basins are cleaned in accordance to the document above such that no catch basin is more than 50% full at any given time.

BMP: Street Sweeping Program

Written Document Completed (by year 1) ☒

Document Name and/or Web Address:

See description below.

Responsible Department/Parties:

DPW/DPW Consultant

Description: The Town of Seabrook will implement the following street and parking lot sweeping procedures to reduce the discharge of pollutants from the MS4:

- All streets with the exception of rural uncurbed roads with no catch basins or high-speed limited access highways will be swept and/or cleaned a minimum of once per year in the spring (following winter activities such as sanding).
- More frequent sweeping will be considered for targeted areas based on pollutant load reduction potential, inspections, pollutant loads, catch basin cleaning or inspection results, land use, impaired waters, or other factors.
- More frequent sweeping is required for municipally-owned streets and parking lots in areas that discharge to certain nutrient-impaired waters. Sweeping must be performed in these areas a minimum of two times per year, once in the spring (following winter activities such as sanding) and at least once in the fall (Sept 1 – Dec 1; following leaf fall)
- For rural uncurbed roadways with no catch basins and limited access

highways, the Town of Seabrook will either meet the minimum frequencies above, or develop and implement an inspection, documentation, and targeted sweeping plan outlining reduced frequencies within two (2) year of the effective date of the permit and submit such plan with its year one annual report.

- The following information will be included in each annual report:
 - Number of miles cleaned, and the volume or mass of material removed

Street Sweeping Schedule – Town of Seabrook, NH												
For Year: _____												
Location		Sweeping Frequency*										
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov
1	All streets with curbing and/or catch basins in MS4 regulated area	At least once per year in the spring (following winter activities such as sanding)										
2	7 Liberty Lane											
3	72 Rocks Road											
4	81 Railroad Avenue											
5	274 Route 286											
6	43 Railroad Avenue											
7	745 Ocean Blvd W/S											
8	70 Rocks Road											
9	10 Lafayette Road											
10	99 Lafayette Road											
11	53 Gove Road											
12	655 Ocean Blvd W/S											
13	70 Foggs Lane											
14	132 South Main Street											

* Actual time of street sweeping may vary. The chart shall be used to indicate the frequency of events.

Measurable Goal(s): Annually sweep 100% of all streets and municipal parking lots in accordance with the schedule listed above.

BMP: Winter Road Maintenance Program

Written Document Completed (by year 1) ☒

Document Name and/or Web Address: New Hampshire Small MS4 Salt Reduction Plan (Appendix H)

Responsible Department/Parties: DPW/DPW Consultant

Description: The Town of Seabrook, NH has adopted a Salt Reduction Plan in accordance with Appendix H that will be implemented in the MS4 regulated area and/or community-wide.

Measurable Goal(s): Evaluate at least one salt/chloride alternative for use in the municipality.

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

Written Document Completed (by year 1) ☒

Document Name and/or Web Address: See description below.

Responsible Department/Parties:

DPW/DPW Consultant

Description:

Structural stormwater BMPs (excluding catch basins) will be inspected semi-annually at a minimum by the Town and maintained as needed.

Measurable Goal(s):

Inspect and Maintain 100% of treatment structures to ensure they are properly functioning.

BMP: SWPPP

Written Document Completed (by year 2) ☒

Document Name and/or Web Address:

https://seabrooknh.info/wp-content/uploads/2021/05/Transfer-Station-SWPPP_2021-Update_051921_Final.pdf

Responsible Department/Parties:

DPW/DPW Consultant

Description:

Develop and implement a SWPPP for each of the following municipally-owned or operated facilities: maintenance garages, public works yards, transfer stations and other waste handling facilities where pollutants are exposed to stormwater; and in accordance with Section 2.3.7.2 of the MS4 permit.

Measurable Goal(s):

Develop and implement SWPPP's for 100% of municipally-owned facilities.

Annual Evaluation

Year 1 Annual Report

Document Name and/or Web Address:

New Hampshire Small MS4 General Permit – Year 1 Annual Report

Year 2 Annual Report

Document Name and/or Web Address:

New Hampshire Small MS4 General Permit – Year 2 Annual Report

Year 3 Annual Report

Document Name and/or Web Address:

New Hampshire Small MS4 General Permit – Year 3 Annual Report

Year 4 Annual Report

Document Name and/or Web Address:

New Hampshire Small MS4 General Permit – Year 4 Annual Report

Year 5 Annual Report

Document Name and/or Web Address:

New Hampshire Small MS4 General Permit – Year 5 Annual Report

TMDLs and Water Quality Limited Waters

Bacteria/Pathogens

Combination of Impaired Waters Requirements and TMDL Requirements as Applicable

Applicable Receiving Waterbody(ies) as listed in Appendix F of the MS4 permit and provided in the most recent approved list of impaired waterbodies.	TMDL/Impairment Name (if applicable)
Hampton Harbor Seg. 04-03	Fecal Coliform
Hampton Harbor Seg. 09-01	Fecal Coliform
Mill Creek	Enterococcus
Blackwater River	Enterococcus
Seabrook Harbor Beach	Enterococcus
Atlantic Ocean - Seabrook Town Beach	Enterococcus
Cains Brook - Noyes Pond	E Coli
Cains Brook 04-10	E Coli
Cains Brook 04-12	E Coli
Unnamed Brook to Cains Mill Pond	E Coli
Hunts Island Creek, P/Uc, 15.99, AC	Fecal Coliform
Blackwater River 1,R,69.47, AC	Enterococcus
Blackwater River 2,R 71.07, AC	Enterococcus

Annual Requirements Beginning Year 1

Rank outfalls to these receiving waters as high priority for IDDE implementation in the initial outfall ranking (see IDDE Plan for ranking)

Annual message encouraging the proper management of pet waste, including noting any existing ordinances where appropriate as outlined in this SWMP

Solids, Oil and Grease (Hydrocarbons), or Metals Impairments

Applicable Receiving Waterbody(ies)	TMDL/Impairment Name (if applicable)
Folly Mill Brook	Iron

Annual Requirements Beginning Year 1

Rank outfalls to these receiving waters as high priority for IDDE implementation in the initial outfall ranking (See IDDE Plan for ranking).

Increase street sweeping frequency of all municipal owned streets and parking lots to a schedule to target areas with potential for high pollutant loads as prescribed by this SWMP.

Prioritize inspection and maintenance for catch basins to ensure that no sump shall be more than 50 percent full; Clean catch basins more frequently if inspection and maintenance activities indicate excessive sediment or debris loadings as prescribed by this SWMP.

Requirements Due by Year 2

Stormwater management systems designed on commercial and industrial land use area draining to the water quality limited water body shall incorporate designs that allow for shutdown and containment where appropriate to isolate the system in the event of an emergency spill or other unexpected event.

Chloride Impairment

Applicable Receiving Waterbody(ies)	TMDL/Impairment Name (if applicable)
Cains Brook – Noyes Pond	Chloride

Annual Requirements Beginning Year 1

Rank outfalls to these receiving waters as high priority for IDDE implementation in the initial outfall ranking (See IDDE Plan for ranking).

Requirements Due by Year 3

Develop a Salt Reduction Plan.

Requirements Due by Year 4

Continue implementation of the Salt Reduction Plan.

Requirements Due by Year 5

Fully implement the Salt Reduction Plan.

Chloride TMDL

Applicable Receiving Waterbody(ies)	TMDL/Impairment Name (if applicable)
N/A	N/A

Annual Requirements Beginning Year 1

Develop and implement a Chloride Reduction Plan.

Requirements Due by Year 5

Fully implement the Chloride Reduction Plan.