

**New Hampshire Small MS4 General Permit
Annual Report**

Town of Milton

Permit Year 3

July 1, 2020 through June 30, 2021

EPA NPDES Permit Number NHR041020

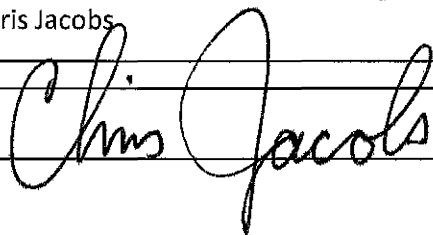
Certification

"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

Chris Jacobs

Signature



Date

9-28-2021

Primary MS4 Program Manager Contact Information:

Name: Chris Jacobs

Title/Position: Town Administrator

Street Address: 424 White Mountain Highway, Milton Town Hall

City: Milton

State: New Hampshire

Zip Code: 03851

Email: miltonta@miltonnh-us.com

Phone Number: (603) 652-4501

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, 2020 through June 30, 2021** in accordance with the Permit.

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 Milton's Stormwater Management Plan (SWMP) and Illicit Discharge Detection and Elimination Plan (IDDE). Those documents can be found at the following websites and will be referred to throughout this report:

SWMP: <https://www.miltonnh-us.com/storm-water-management-committee-ms4>

IDDE: Under review

MCM1 - Public Education and Outreach

Year 3 Activities

BMP: Major Building Permit Application

Document Name and/or Web Address:

Major Building Permit Application: https://www.miltonnh-us.com/sites/g/files/vyhli916/f/uploads/major_building_permit_ip.pdf

Description:

Distribution of stormwater resources and information is included in the Building Permit Application.

Targeted Audience:

Residential and/or Business

Measurable Goal(s):

Residents or businesses conducting renovations are provided with materials to efficiently manage stormwater. Measurement includes quantity of materials distributed.

Goal was achieved.

Message Date:

Throughout Year 3

Due to COVID-19 epidemic and limited Town resources, public education and outreach did not occur in Year 3 for the following:

- BMP: Industrial Outreach
- BMP: Septic System Maintenance
- BMP: Disposal of Leaf and Grass Clippings
- BMP: Pet Waste Disposal
- BMP: Grass and Fertilizer

MCM2 - Public Participation

BMP: Public Participation in Stormwater Management Program Development

Description: The Stormwater Management Program (SWMP) was publicly presented at the Board of Selectman Meeting on April 5, 2021. Documents and records relating to the SWMP are retained and available for 5 years to the public at the Highway Department.

Measurable Goal(s):

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

MCM3 – Illicit Discharge Detection and Elimination

BMP: IDDE Legal Authority

The municipality has established legal authority as outlined in the IDDE plan.

BMP: Sanitary Sewer Overflow (SSO) Inventory

A small sewer system is located in a portion of the Town of Milton within the urbanized area. The sewer system was built in approximately 1985 and is not connected to the storm drain system. The Town of Milton is in the process of MS4 infrastructure verification and to date, has not identified SSO conditions.

BMP: Map of Storm Sewer System

A preliminary Map of the storm sewer system and associated outfalls was developed in Year 3 and is currently in the verification phase by the Town of Milton.

BMP: IDDE Program (Screenings of Outfalls/Interconnections, Catchment Investigations, and IDDE Progress)

Outfalls and interconnections (excluding problem and excluded outfalls) were identified for inspection and screening in Year 3. The Town of Milton will be initiating inspections in the fall of 2021 in Year 4. A written IDDE plan has been developed, and written catchment investigation procedures are included.

Outfall identification, characterization and prioritization information has been updated and included in the IDDE plan.

The following tasks have been completed in accordance with the permit.

Number of dry weather outfall investigations/screenings: 0

Number of dry weather samples taken: 0

Number of wet weather outfall inspections/sampling events: 0

Number of wet weather samples taken: 0

Number of catchment investigations: 0

Number of illicit discharges: 0

Number of illicit discharges removed: 0

Estimated gallons of flow removed: 0 gallons

BMP: Employee Training

The Town of Milton held an IDDE training session for municipal staff on June 29, 2021. 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.

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.

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

Number of site plan reviews completed: 4

Number of inspections: 2

Number of enforcement actions: 0

MCM5 – Post Construction Stormwater Management in New Development and Redevelopment

BMP: Post-Construction Ordinance (due in year 3)

Revisions to regulations that include Post-Construction Ordinance requirements have been drafted and will be voted on in March 2022.

BMP: As-built Drawings

A program to address post-construction stormwater runoff from all new development and redevelopment projects has been revised and is under review. The program includes projects that disturb a minimum of one acre. Procedures for new development and re-development have been modified in the existing ordinance to meet the 2017 Permit requirements. The regulations require that all applications shall include a narrative description and an Existing Conditions Site Plan showing all pre-development impervious surfaces, buildings and structures; surface water bodies and wetlands; drainage patterns, sub-catchment and watershed boundaries; building setbacks and buffers, locations of various hydrologic group soil types, mature vegetation, land topographic contours. Additional submissions include as-built plans and inspection and maintenance plans for all permanent stormwater control measures. As-built drawings are required to be submitted to the Planning Board within 30 days from completion of the project.

BMP: Long-term Operation and Maintenance Procedures

A program to address long-term post-construction stormwater runoff from all new development and redevelopment projects has been revised and is under review. The program includes projects that disturb a minimum of one acre. Procedures for new development and re-development have been modified in the existing ordinance to meet the 2017 Permit

requirements. In an effort to standardize the long-term O&M and inspection submission requirements across all New Hampshire MS4 communities, as well as standardize any non-compliance actions taken by the municipality, the Seacoast Stormwater Coalition is in the process of working with a selected engineering group (VHB) to develop standardized resources, guidance and an inspection template that towns and municipalities can use to better promote, track and enforce the implementation of best management practices for privately-owned parking areas and drainage infrastructure. These are anticipated to be finalized in the fall of 2021 and will be adopted by the Town of Milton.

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

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

BMP: Green Infrastructure Report (due in year 4)

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

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

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

MCM6 – Good Housekeeping and Pollution Prevention for Permittee Owned Operations

BMP: Catch Basin Cleaning Program

A schedule for catch basin cleaning has been established with the goal of ensuring that a catch basin should not be more than 50% full. Catch basin cleanings were properly stored and disposed of so that they did not discharge to receiving waters. This is detailed in the SWMP.

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

Number of catch basins within MS4 regulated area: 69

Number catch basins inspected in accordance with the SWMP: 73

Number of catch basins cleaned: 73

Total volume or mass of material removed: 50 yards

BMP: Street Sweeping Program

A street sweeping program (SOP) has been developed such that streets with curbing and/or catch basins and permittee-owned parking lots are swept in accordance with permit conditions. Street sweepings were properly stored and disposed so that they did not discharge to receiving waters.

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

Number of (lane) miles swept: 10.34 miles

Volume or mass of swept material: 40 yards

BMP: Winter Road Maintenance Program

A winter road maintenance program has been established with a goal of reducing salt usage. Salt reduction strategies have been implemented as outlined in our SWMP. All road salt storage piles are enclosed/covered to prevent runoff into storm drains and water bodies.

The Town of Milton has drafted Winter Maintenance Procedures in accordance with MCM #6 that are in the process of being implemented community-wide.

BMP: Permittee Owned Facilities Inventory

All permittee owned facilities, including inventory, are included in our SWMP. There were no changes to report during Year 3.

BMP: O&M Programs And Procedures For Permittee-Owned Properties

O&M programs for all permittee owned facilities will be prepared in Year 4 and included in our SWMP. All maintenance procedures will be implemented for permittee owned facilities in accordance with O&M programs.

BMP: Permittee Owned Treatment Structures

The Town of Milton has inspected all permittee owned treatment structures (excluding catch basins).

The Town of Milton has been working on a capital investment project, the Silver and Dawson Project since Permit Year 1. This project will include improving roadways, drainage, and adding curbing along Silver Street and Dawson Street.

BMP: SWPPP (due year 3)

The Town of Milton does not have any permittee owned or operated maintenance garages, public works yards, transfer stations, and other waste handling facilities where pollutants are exposed to stormwater. Review of permittee owned properties is on-going.

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

The Town of Milton continues to collect information with a goal of inventorying and formally inspecting all municipally owned BMPs. Maintenance is carried out in accordance with the procedures outlined in the SWMP. Any BMPs that are safety or flooding hazards are dealt with as needed.

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 outfall ranking and enhanced BMP's have been implemented in accordance with the SWMP.

The Town of Milton through its participation in the Seacoast Stormwater Coalition, and continued involvement with the NHDES led Pollutant Tracking and Accounting Program (PTAP) and the Pollutant Loading Maps (aka Hot Spot Maps), will satisfy the tracking and accounting requirement of the municipally-owned structural and non-structural BMP's. Calculations performed by the Seacoast Stormwater Coalition are reportedly in accordance with attachments of Appendix F.

The Town of Milton developed an SOP regarding lawn maintenance. On Town-owned properties, slow-release fertilizers will be used, and yard waste will be controlled. These best management practices will reduce nitrogen impacts on the environment.

Additional Required Information

Monitoring or Study Results

No additional monitoring or studies were completed.

Description of Any Changes in Identified BMPs or Measurable Goals

The Town of Milton has implemented activities in accordance with the permit and outlined in the SWMP. BMPs and measurable goals outlined in the SWMP are appropriate.

Activities for the Next Reporting Cycle

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