

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

Town of Bedford, NH

Permit Year 1

May 1, 2018 – June 30, 2019

EPA NPDES Permit Number NHR041000

Certification

Instructions: All reports, including SWPPPs, inspection reports, annual reports, monitoring reports, reports on training and other information required by this permit must be signed by a person described in Appendix B, Subsection 11.A or by a duly authorized representative of that person in accordance with Appendix B, Subsection 11.B. If there is an authorized representative to sign MS4 reports, there must be a signed and dated written authorization. Use the following language if your municipality wishes to file using an authorized representative.

Authorized Representative:

The authorization letter is:

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

N/A

- ☐ Publicly available at the website:

N/A

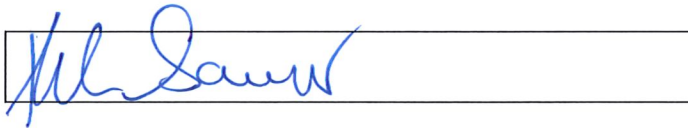
Instructions: Use the following language if signed by a person described in Appendix B.

“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

Rick Sawyer

Signature



Date

9/27/2009

Primary MS4 Program Manager Contact Information:

Position/Title: Town Engineer/
Assistant Director of Public
Works

Name: Jeanne Walker
Department: Public Works
Phone Number: 603-472-3070
Email Address: jwalker@bedfordnh.org

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 Bedford Stormwater Management Plan (SWMP) and Illicit Discharge Detection and Elimination Plan (IDDE). Those document can be found at the following website and will be referred to throughout this report:

<https://www.bedfordnh.org/DocumentCenter/View/4070/SWMP>

<https://www.bedfordnh.org/DocumentCenter/View/4065/MCM-3>

MCM1 - Public Education and Outreach

Year 1 Activities

BMP: Grass and Fertilizer

Document Name and/or Web Address:

"Green Grass & Clear Water" Brochure:

<https://www.bedfordnh.org/DocumentCenter/View/4101/Grass-and-Fertilizer-Brochure>

Description:

Distribution and promotion of brochure 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.

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 the Town of Bedford's 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:

Brochure was developed during the reporting period and will be distributed during the fall of 2019 and spring of 2020 during high fertilizer use periods.

BMP: Petwaste Disposal

Document Name and/or Web Address:

"Every Drop" Brochure: **<https://www.bedfordnh.org/DocumentCenter/View/4102/Petwaste-Disposal-Brochure>**

Description:

Distribution and promotion of "Every Drop" brochure with proper pet waste management, impacts of improper management, pet waste ordinance, and disposal requirements messaging. The brochure includes a 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

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. In addition, the town will be selecting five pledges to receive a standard dog license free of charge.

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: Brochure was developed during the reporting period and has subsequently been distributed.

BMP: Septic System Maintenance

Document Name and/or Web Address:

“Get Pumped!” Brochure: <https://www.bedfordnh.org/DocumentCenter/View/4103/Septic-System-Maintenance-Brochure>

Description:

Distribute and promote brochure, 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: Brochure was developed during the reporting period and has subsequently been distributed.

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 Town of Bedford has authority through Ordinance Section 212-25 to prohibit illicit discharges.

BMP: Sanitary Sewer Overflow (SSO) Inventory

The Town of Bedford has developed the SSO inventory in accordance with permit conditions and had zero SSO discharged into the MS4 during the last five years including the reporting period.

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 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.

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 our SWMP.

Municipalities should feel free to comment on any of the below successes over the course of the year:

Number of site plan reviews completed: 73

Number of inspections: 125

Number of enforcement actions: 2

MCM5 – Post Construction Stormwater Management in New Development and Redevelopment

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

Post-Construction Ordinance has been drafted and is being reviewed.

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.

Municipalities that have established programs should also report the following:

Number of catchbasins within MS4 regulated area: 3048

Number catchbasins inspected in accordance with the SWMP: 585

Number of catchbasins cleaned: 585

Volume or mass of material removed: 388 Cubic Yards

BMP: Street sweeping program

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

Municipalities that have established programs should also report the following:

Volume or mass of swept material: 156 Cubic Yards

BMP: Winter Road Maintenance Program

A winter road maintenance program has been established with a goal of reducing salt usage. An improvement during the reporting year was equipping all of our 6 wheel and 10 wheel trucks with calibrated computer systems to increase salt use efficiency.

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

Municipalities should report on progress to date.

The Town of Bedford has inspected and cleaned all known stormwater treatment structures and continues to collect information with a goal of developing our inventory and formally inspecting all municipally owned Stormwater Treatment Structures. Any Stormwater Treatment Structures that are safety or flooding hazards are dealt with as needed.

BMP: SWPPP(due year 2)

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

Instructions: Only Include relevant portions for your municipality.

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 BMPs have been implemented in accordance with the SWMP.

Phosphorus

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

The Town of Bedford through its participation in the Lower Merrimack Valley 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 Bedford through its participation in the Lower Merrimack Valley 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.

Activities for the Next Reporting Cycle

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

