

**New Hampshire Small MS4 General Permit  
Annual Report  
Hooksett NH  
Permit Year 1**

EPA NPDES Permit Number NHR041000

# 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

Signature  Date

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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 Hooksett 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: In draft.

IDDE: In draft.

## MCM1 - Public Education and Outreach

### Year 1 Activities

#### BMP: Grass and Fertilizer

**Document Name and/or Web Address:**

Green Grass & Clear Water Brochure: [https://www4.des.state.nh.us/nh-ms4/?page\\_id=54](https://www4.des.state.nh.us/nh-ms4/?page_id=54).  
<https://www.hooksett.org/community-development/pages/stormwater-management-ms4-usepa-program>

**Description:**

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.

**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.

**Message Date:** Fall 2018

#### BMP: Petwaste Disposal

**Document Name and/or Web Address:**

Flyer [https://www4.des.state.nh.us/nh-ms4/?page\\_id=54](https://www4.des.state.nh.us/nh-ms4/?page_id=54)  
<https://www.hooksett.org/community-development/pages/stormwater-management-ms4-usepa-program>

**Description:**

Distribution and promotion of 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/license renewal and other events or venues (veterinarians, dog training, groomers, etc.).

**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.

**Message Date:** Spring 2019 at the Hooksett Dog Park and at the next time of license renewal, 2020

#### BMP: Septic System Maintenance

**Document Name and/or Web Address:**

[https://www4.des.state.nh.us/nh-ms4/?page\\_id=54](https://www4.des.state.nh.us/nh-ms4/?page_id=54)

<https://www.hooksett.org/community-development/pages/stormwater-management-ms4-usepa-program>

**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.

**Message Date:** 2019

**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 has developed a plan with the Hooksett Sewer Department for a SSO inventory in accordance with permit conditions and has nothing new to report.

**BMP: Sanitary Sewer Overflow (SSO) Inventory**

The Town of Hooksett and the Hooksett Sewer Department has not had any SSOs during the past five years so there isn't an inventory of SSOs. Should an SSO occur, then the Town of Hooksett along with the Hooksett Sewer Department will develop an 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. [https://www.hooksett.org/sites/hooksettnh/files/uploads/ms4\\_map.pdf](https://www.hooksett.org/sites/hooksettnh/files/uploads/ms4_map.pdf)

**BMP: IDDE Program**

A Written IDDE plan is in draft.

Initial outfall identification, characterization and prioritization will be included in the IDDE plan when completed. 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:

Number of dry weather outfall investigations/screenings:

Number of wet weather outfall inspections/sampling events:

Number of illicit discharges removed: None

Estimated gallons of flow removed: None

**BMP: Employee Training**

As a routine IDDE, materials and training, including information on how to identify illicit discharges and SSOs will be 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.

Number of site plan reviews completed: 27

Number of inspections: 123

Number of enforcement actions: 1

**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 will be detailed in the SWMP.

Number of catchbasins within MS4 regulated area: 1401

Number catchbasins inspected in accordance with the SWMP: 1401

Number of catchbasins cleaned: 75

Volume or mass of material removed: 20,000 lbs. of material

**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.

Number of (lane) miles swept: 152 lane miles swept

Volume or mass of swept material: 84,000 lbs.

**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 systematic inspection of all application equipment monitored to ensure they are operated at the lowest effective setting. Quantities of salt and sand used were monitored to ensure the quantities used were acceptable and if an operator used more than expected, the route was inspected to justify the usage. If the usage was excessive and not justified then the operator was disciplined.

**BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures**

The Town of Hooksett 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.

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

### **Chloride**

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

The Town of Hooksett 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.

## **Activities for the Next Reporting Cycle**

The Town of Hooksett will continue to implement activities in accordance with the approved Notice of Intent. During the Hooksett Old Home Days on the 21th of September at the Town of Hooksett booth, there was a visual display of what a stormwater model looks like, several brochures were available for Dog Waste, these included Scoop the Poop featuring the Town of Hooksett's K-9 Timber, Dog Waste And Surface Water Quality also explaining "What's so bad about dog waste". Also provided were several brochures on Surface Water Quality, Lake Water Quality, Watersheds and Stormwater Pollution. The Get Pumped (Septic Systems). The booth was staffed with Town Councilors and Staff to assist town residents with any questions or concerns that they may have had concerning the MS4 program.

The Towns MS4 web site has been updated to improve public outreach and participation, add links to various EPA and NH DES brochures, rules and information.

The Town will have a final IDDE and SWMP completed and posted during this reporting year.