

New Hampshire Small MS4 General Permit
Annual Report
Town of Kingston
Permit Year 2

EPA NPDES Permit Number NHR041014

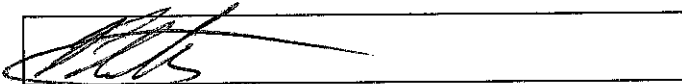
Certification

"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

Phillip Coombs

Signature



Date

28 Sep 20

Primary MS4 Program Manager Contact Information:

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Small MS4 Authorization

The following annual report is intended to document on the activities undertaken over the reporting period from July 1, 2019 – June 30, 2020 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/kingston.pdf>

Compliance activities have been identified and described in the Town of Kingston'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://www.kingstonnh.org/sites/g/files/vyhlf741/f/uploads/kingston_smallms4_swmp_2019-07-30.pdf

IDDE: https://www.kingstonnh.org/sites/g/files/vyhlf741/f/uploads/kingston_smallms4_idde_2019-06-25.pdf

MCM1 - Public Education and Outreach

Year 2 Activities

BMP: Grass and Fertilizer

Document Name and/or Web Address:

Green Grass & Clear Water Brochure:

https://seagrant.unh.edu/sites/default/files/media/pdfs/extension/GreenGrassClearWater/green_grass_and_clear_water_flyer_2019.pdf.

Description:

Distributed and promoted four-fold flyer produced by the University of New Hampshire (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 enthusiast 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. In Year 2, fifteen (15) flyers were distributed. **Goal was achieved.**

Message Date:

March 2020

BMP: Pet Waste Disposal

Document Name and/or Web Address:

"Every Drop" flyer <https://stateofourestuaries.org/everydrop/every-drop-matters/for-towns/>

Description:

Promoted and distributed "Every Drop" flyer with proper pet waste management, impacts of improper management, pet waste ordinance, and disposal requirements messaging. A copy of the flyer was provided with each dog license. Every Drop is a collaborative education effort with Piscataqua Region Estuaries Partnership (PREP), New Hampshire Department of Environmental Services (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 Year 2, one-thousand two hundred (1,200) flyers were distributed with dog licenses. **Goal was achieved.**

Message Date: Time of dog license renewal in Year 2

BMP: Disposal of Leaf and Grass Clippings

Document Name and/or Web Address:

Green Grass & Clear Water Brochure:

https://seagrant.unh.edu/sites/default/files/media/pdfs/extension/GreenGrassClearWater/green_grass_and_clear_water_flyer_2019.pdf.

Description:

Distributed and promoted 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 enthusiast 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. In Year 2, fifteen (15) flyers were distributed. **Goal was achieved.**

Message Date:

March 2020

BMP: Septic System Maintenance

Document Name and/or Web Address: <https://getpumpednh.com/>

Description:

Provided brochures and magnets to educate Kingston 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 NHDES. The brochures and magnets were placed at the service counter in the Building Department.

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.

In Year 2, one hundred (100) brochures and twenty-five (25) magnets were picked up. **Goal was achieved.**

Message Date:

Fall 2019

BMP: Developer/Construction Outreach

Description:

Reviewed checklists with Developers and Construction Contractors prior to beginning of construction projects (pre-construction) to identify: responsible parties; erosion control practices; other construction site best management practices; and requirements for the EPA Construction General Permit, as appropriate.

Targeted Audience:

Developer/Construction

Measurable Goal(s):

Contractors and Developers are aware of the need for proper erosion control practices during construction work.

The Planning Board held twenty-two (22) site plan reviews, representing 100% of projects that received approval and began construction during this reporting period. **Goal was achieved.**

Message Date:

Ongoing.

MCM2 - Public Participation

BMP: Public Participation in Stormwater Management Program Development

Description: The Stormwater Management Program was available online for public review at: https://www.kingstonnh.org/sites/g/files/vyhlif741/f/uploads/kingston_smallms4_swmp_2019-07-30.pdf and a notice is posted on the bulletin board in the Town Hall indicating a hard copy of the plan is available at the Highway Department Garage.

Measurable Goal(s): Input was received. **Goal was achieved.**

MCM3 – Illicit Discharge Detection and Elimination

BMP: IDDE Legal Authority

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

BMP: Sanitary Sewer Overflow (SSO) Inventory

The municipality does not have SSOs; therefore, this section is not applicable to the Town of Kingston.

BMP: Map of Storm Sewer System

A map of the Town's storm sewer system and associated outfalls is available at the Highway Garage.

BMP: IDDE Program

A Written IDDE plan has been developed and is available on our website at https://www.kingstonnh.org/sites/g/files/vyhlif741/f/uploads/kingston_smallms4_idde_2019-06-25.pdf.

Initial outfall identification, characterization and prioritization has been completed and included in the IDDE plan.

The following tasks are in progress in accordance with the accepted NOI.

- Number and percent of total outfall catchments served by the MS4 evaluated using the catchment investigation procedure: 0
- Number of dry weather outfall investigations/screenings:
 - Dry weather outfall investigations/screenings were not conducted in Year 2. The Town of Kingston has conducted dry weather outfall investigations/screenings during Year 3.
- Number of wet weather outfall inspections/sampling events:
 - Wet weather outfall investigations/sampling were not conducted in Year 2.
- Number of illicit discharges removed: 0 – Illicit discharges were not reported in Year 2.
- Estimated gallons of flow removed: 0 – Illicit discharges were not reported in Year 2.

BMP: Employee Training

Informal training was provided to Highway Department personnel including information on how to identify illicit discharges and conduct catch basin cleaning.

MCM4 – Construction Site Stormwater Runoff Control

A written site inspection and enforcement program for erosion and sediment control measures was not created due to the COVID-19 epidemic. The Town of Kingston plans to create the written program in Year 3.

The following tasks are in progress in accordance with the accepted NOI.

- Number of site plan reviews completed: 22
- Number of inspections: 4
- Number of enforcement actions: 0

MCM5 – Post Construction Stormwater Management in New Development and Redevelopment

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

A Post-Construction Ordinance was not developed due to the COVID-19 pandemic. The Town of Kingston has organized a small task committee to develop a regulation in Year 3. The previous post-construction stormwater regulation was adopted in 2009 and is still in effect.

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)

A municipal O&M was not developed due to the COVID-19 epidemic and is scheduled to be completed in Year 3.

BMP: Buildings and Facilities Operations and Maintenance Procedures (due Year 2)

A municipal O&M was not developed due to the COVID-19 epidemic and is scheduled to be completed in Year 3.

BMP: Vehicles and Equipment Operations and Maintenance Procedures (due Year 2)

A municipal O&M was not developed due to the COVID-19 epidemic and is scheduled to be completed in Year 3.

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 so that they did not discharge to receiving waters.

The following tasks are in progress in accordance with the accepted NOI.

- Number of catch basins within MS4 regulated area: 66
- Number catch basins inspected in accordance with the SWMP: 66
- Number of catch basins cleaned: 66
- Volume or mass of material removed: 25 cubic yards

BMP: Street sweeping program

The Town is a rural community that does not have curbed roadways; therefore, street sweeping does not apply.

BMP: Winter Road Maintenance Program

A winter road maintenance program was not developed due to the COVID-19 epidemic and is scheduled to be completed in Year 3.

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

Town of Kingston's continues to collect information with a goal of inventorying and formally inspecting all municipally owned BMPs and debris was cleared as needed. Any BMPs that are safety or flooding hazards are dealt with as needed.

BMP: SWPPP (due Year 2)

The Town's single maintenance facility does not have a point source discharge or a stormwater conveyance system; therefore, a Stormwater Pollution Prevention Plan (SWPPP) is not required.

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 Permit.

Phosphorus

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 Permit.

Legal analysis of existing regulatory mechanisms was not developed due to the COVID-19 epidemic and is scheduled to be completed in Year 3.

At this time, structural BMPs for phosphorus removal have not been installed in the Town of Kingston.

Nitrogen

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.

Description of any changes in identified BMPs or measurable goals

Town of Kingston has implemented activities in accordance with the approved Notice of Intent. All BMPs and measurable goals as outlined in the approved NOI are still considered to be appropriate.

Activities for the Next Reporting Cycle

Town of Kingston will continue to implement activities in accordance with the approved NOI.

