

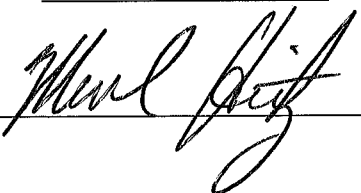
**New Hampshire Small MS4 General Permit
Annual Report
Kingston
Permit Year 1**

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 Mark Heitz

Signature 

Date September 30, 2019

Primary MS4 Program Manager Contact Information:

Name: Mark Heitz Position/Title: Chairman of the Board of Selectman

Street Address: 163 Main Street
PO Box 716

City: Kingston State: NH Zip Code: 03848

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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 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/kingstonnh/files/uploads/kingston_smallms4_swmp_2019-07-30.pdf

IDDE:

https://www.kingstonnh.org/sites/kingstonnh/files/uploads/kingston_smallms4_idde_2019-06-25.pdf

MCM1 - Public Education and Outreach

Year 1 Activities

Education programs were continued from the 2003 permit until new materials were developed by NHDES for distribution. These include the following materials:

BMP Media / Category	BMP Description	Targeted Audience
Special Events / Festivals / Fairs	Household Hazardous Waste Collection Day event completed semi-annually (i.e., Spring and Fall)	Residents
Postings/ Website	Townhall keeps and posts environmental fact sheets from NHDES, <i>Guidelines for Redeveloping Shoreland Property</i> and <i>Minimum Shoreland Protection Standards</i>	Contractors
Brochures	Townhall keeps and distributes UNH developed pamphlets <i>New Hampshire's Shorelands – Protecting Your Piece of our Natural Heritage</i>	Residents, Contractors

MCM2 - Public Involvement and Participation

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 legal authority as identified in the Illicit Discharge Detection and Elimination (IDDE) written plan.

BMP: Sanitary Sewer Overflow (SSO) Inventory

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

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.

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.
- Number of dry weather outfall investigations/screenings.
- Number of wet weather outfall inspections/sampling events.
- Number of illicit discharges removed.
- Estimated gallons of flow removed.

BMP: Employee Training

As a routine IDDE, materials and training, including information on how to identify illicit discharges are made available to applicable employee(s) 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.

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

- Tracking of the number of site plan reviews completed;
- Tracking of the number of inspections; and
- Tracking of the number of enforcement actions.

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 is detailed in the SWMP.

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

- Number of catch basins within MS4 regulated area: 49 catch basins and 66 leach basins
- Number catch basins inspected in accordance with the SWMP: 100%
- Number of catch basins cleaned: 100%
- Volume or mass of material removed: 25 cubic yards for the entire Town of Kingston in Spring 2019 (includes non-regulated catch basins cleanouts in total volume removed)

BMP: Street sweeping program

The Town of Kingston does not have curbed streets; therefore, this requirement of the permit does not apply to the Town.

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 the calibration of salt spreaders for each vehicle used in the winter months. In addition, infrared sensors were installed on salt trucks which monitor the road temperature for drivers to determine the appropriate application of salt to roads, thereby, minimizing application of salt when not necessary and eliminating over-salting of roadways in winter months.

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

Kingston continues to collect information with a goal of inventorying and formally inspecting municipally owned BMPs. BMPs that are safety or flooding hazards are dealt with as needed.

BMP: SWPPP(due year 2)

The Town of Kingston does not have a facility that is subject to a SWPPP.

TMDL's and Water Quality Limited Waters

Bacteria/Pathogens

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

Kingston through its participation in the Seacoast or the Lower Merrimack Valley Stormwater Coalition(s) 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.

Began Phase 1 Lake Phosphorous Control Plan (LPCP).

Nitrogen

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

Kingston through its participation in the Seacoast or the Lower Merrimack Valley Stormwater Coalition(s) 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.

Activities for the Next Reporting Cycle

Kingston will continue to implement activities in accordance with the approved Notice of Intent. Including implementing the education materials developed by NHDES, https://www4.des.state.nh.us/nh-ms4/?page_id=54..

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| • BMP: Grass and Fertilizer | Targeted Audience: Residential, Business and Institutions |
| • BMP: Petwaste Disposal | Targeted Audience: Residents - Pet Owners |
| • BMP: Disposal of Leaf and Grass Clippings | Targeted Audience: Residential, Business and Institutions |
| • BMP: Septic System Maintenance | Targeted Audience: Septic System Owners |