

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

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

JAMES B. SULLIVAN, TOWN MANAGER

Signature



Date

9/29/2020

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Small MS4 Authorization

The following annual report is intended to document the activities undertaken over the reporting period from July 1, 2019 - June 30, 2020 in accordance with the Notice of Intent. The NOI can be found at the following (document web address):

<https://www.epa.gov/npdes-permits/regulated-ms4-new-hampshire-communities>

Compliance activities have been identified and described in the Town of Hampton's Stormwater Management Plan (SWMP) and Illicit Discharge Detection and Elimination Plan (IDDE). These documents are available and can be found at Hampton Public Works:

SWMP: H:\Stormwater\2019 to 2020 MS4 Report\Stormwater Management Plan (SWMP)_06-30-20

IDDE: H:\Stormwater\2019 to 2020 MS4 Report\IDDE Plan_06-30-20

MCM1 - Public Education and Outreach

Year 2 Activities

BMP: Grass and Fertilizer

Document Name:

Green Grass & Clear Water - Flyer

Description:

Distribution of 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):

Increase resident's knowledge of the potential water quality impacts from fertilizer and improper disposal of grass clippings. Increase resident's awareness of the proper lawn care management techniques for reducing impact on water quality. Measurement includes material distributed.

In Year 2, (11) flyers were distributed. Goal was achieved.

*Flyers were available at the Hampton Town Offices.

However, the offices were closed to the public in mid-March due to the Covid-19 pandemic.

This significantly reduced the quantity of flyers that were distributed.

Message Date:

03/02/20 to 03/13/20

BMP: Pet Waste Disposal

Document Name:

"Every Drop" Dog Waste - Postcard

Description:

Distribution of "Every Drop" Dog Waste postcard with proper pet waste management, impacts of improper management, pet waste ordinance, and disposal requirements messaging.

Every Drop is a collaborative education effort with PREP, NHDES and other partners.

Targeted Audience:

Pet Owners and Walkers

Measurable Goal(s):

Increase dog owners and/or dog walkers are awareness of the potential water quality impacts from pet waste, local pet waste ordinances, and how to dispose of pet waste properly.

In year 1, a digital flyer was broadcast on the Hampton Municipal TV station.

However, the impact could not be quantified.

In Year 2, (21) postcards were distributed. Goal was achieved.

*Postcards were available at the Hampton Town Offices.

However, the offices were closed to the public in mid-March due to the Covid-19 pandemic.

Dog license renewals were handle online.

This significantly reduced the quantity of flyers that were distributed.

→ Dog licenses are now being handled online. Starting in year 3, the plan is to have the “Every Drop” Dog Waste - Postcard attached to the license e-mail sent out by the Hampton Town Clerk.

Message Date:

03/02/20 to 03/13/20

BMP: Disposal of Leaf and Grass Clippings

Document Name:

“Rake It or Leave It” - Flyer

Description:

Distribute informational flyer with messaging about impacts from yard waste to waterbodies, alternatives to dumping yard waste and laws against dumping yard waste near or in waterbodies.

Targeted Audience:

Residential &/or Business and Institutions

Measurable Goal(s):

Increase resident’s awareness of the water quality impacts of yard waste dumping near or in water bodies and safe alternatives for yard waste disposal.

In Year 2, (16) flyers were distributed.

Goal was achieved.

Message Date:

10/14/19 – 12/20/19

BMP: Septic System Maintenance

Document Name and Web Address:

“Do your Part – Be SepticSmart!” www.epa.gov/septicmart

Description:

Distribute 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):

Increase resident's awareness of water quality impacts from septic systems, the importance of maintaining septic systems and how to maintain them.

In Year 1 (11) flyers were distributed.

In Year 2 (14) flyers were distributed.

Goal was achieved.

Message Date:

07/01/19 – 09/02/19

BMP: Developer/Construction Outreach

Description:

Review checklist with developers and construction contractors prior to beginning of construction project (pre-construction) to identify responsible parties, erosions control practices, other best management practices, and requirements for 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 Department of Public Works held (9) pre-construction meetings, representing 100% of projects that received planning board 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

Event Name:

“Opening Day”

Description:

Each spring, the Hampton Youth Association holds and “Opening Day” ceremony prior to the first little league baseball game of the season. All teams (players / coaches) and parents participate.

The “Opening Day” event is an ideal location to promote and get feed back on the Town's Stormwater Management Program Development. The event is held outside and there are numerous drainage features surrounding the area.

Targeted Audience:

Residents

Measurable Goal(s):

Have the public review the Town's stormwater management plan and provide feedback.

Goal was not achieved.

Hampton DPW was unable to participate in the "Opening Day" ceremony because event (and the spring baseball season) was cancelled due to the Covid-19 pandemic.

→ The plan is to attend "Opening Day" 2021 (Permit Year 3).

Message Date:

Spring 2020

MCM3 – Illicit Discharge Detection and Elimination

BMP: IDDE Legal Authority

The municipality will establish legal authority as outlined in the IDDE plan.

BMP: Sanitary Sewer Overflow (SSO) Inventory

The Town of Hampton has developed the 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 per the accepted NOI.

*Phase 1 mapping was completed as required by end of permit year 2.

(Ref. Section 2.3.4.5.a).

BMP: IDDE Program

A Written IDDE plan has been developed and is available at Hampton Public Works.

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

Written catchment investigation procedures progressed in accordance with the accepted NOI and were complete prior to December 31, 2019.

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 / 0%

Number of dry weather outfall investigations/screenings: 0 / 0

Number of wet weather outfall inspections/sampling events: 0 / 0

Number of illicit discharges removed: 0

Estimated gallons of flow removed: 0

BMP: Employee Training

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 the Town of Hampton's Stormwater Management Plan (SWMP).

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

Number of site plan reviews completed: 18

Number of inspections: 90

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 has been created and references are included the Town of Hampton's Stormwater Management Plan (SWMP).

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 have been created and are included in the Town of Hampton's Stormwater Management Plan (SWMP).

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

Deliverables have been created and are included in the Town of Hampton's Stormwater Management Plan (SWMP).

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

Deliverables have been created and are included in the Town of Hampton's Stormwater Management Plan (SWMP).

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. This is detailed in the Town of Hampton's Stormwater Management Plan (SWMP).

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

*Catch basin cleaning and inspections are tracked using the Department of Public Work's Asset Management System (PeopleGIS).

Number of catch basins within MS4 regulated area: 1,552

Number catch basins inspected in accordance with the Town of Hampton's Stormwater Management Plan (SWMP): 293

Number of catch basins cleaned: 279

Volume of material removed: 44 cy

*Average catch basin was 35% full (prior to cleaning).

BMP: Street sweeping program

A street sweeping program has been established such that all 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 accepted NOI.

Number of (lane) miles swept: 988

Volume of swept material: 43 cy

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 the Town of Hampton's Stormwater Management Plan (SWMP).

BMP: Stormwater Treatment Structures Inspection and Maintenance Procedures

The Town of Hampton 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)

SWPPPs were developed in year 2, consistent with the NOI and permit requirements, for the following facilities:

- Hampton Department of Public Works - Transfer Station
- Hampton Department of Public Works - Maintenance / Highway Garage

*Inspections, as outlined in completed SWPPPs, will begin in year 3.

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 Town of Hampton's Stormwater Management Plan (SWMP).

Solids, Oil and Grease (Hydrocarbons), or Metals

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 Town of Hampton's Stormwater Management Plan (SWMP).

Chloride

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

The amount of salt applied to all municipally owned and maintained surfaces has been tracked and the salt use has been recorded using Department of Public Works post storm summary reports.

The Town of Hampton through its participation in the Seacoast 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, and modifications to driving behavior in winter weather.

The municipal Green Snow Pro legislation was delayed due to COVID-19, and will be revisited during the 2021 legislative session.

Description of any changes in identified BMPs or measurable goals

The Town of Hampton has implemented activities in accordance with the approved Notice of Intent. All BMPs and measurable goals as outlined in the approved NOI are appropriate.

Activities for the Next Reporting Cycle

The Town of Hampton will continue to implement activities in accordance with the approved Notice of Intent (NOI).