

APR 21 2015

**Municipality/Organization:** Town of North Hampton, N.H.

**EPA NPDES Permit Number:** NHR 041024

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**Annual Report Number & Reporting Period:** April 1, 2014 – March 31, 2015

**NPDES PII Small MS4 General Permit  
Annual Report  
(Due: May 1, 2015)**

**Part I. General Information**

**Contact Person:** Paul Apple **Title:** Town Administrator

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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 gather and evaluate 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.

**Signature:** 

**Printed Name:** Paul Apple

**Title:** Town Administrator

**Date:** 4/16/15

## **Part II. Self-Assessment**

The Town of North Hampton, NH has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions.

**Part III. Summary of Minimum Control Measures**

**1. Public Education and Outreach**

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 13
1-1	Brochures & fact sheets	Building Dept./ Kevin Kelley	Keep materials current and up to date	In July 2013 the sewage-sniffing dogs investigated the waterway at North Hampton State Beach looking for signs of human waste in the waterway, which leads to the Ocean. They helped pinpoint multiple contamination areas around the Fish Houses. Up River testing is in progress to determine the source and correct it. A newspaper article preceded and followed announcing this event and its conclusion. Also numerous flyers and brochures were distributed as well as newspaper articles informing the public of the availability of brochures. The Conservation Commission is nearing completion of trail maps to guide residents through several of our larger conservation parcels.	In May, the Conservation Commission completed new trail maps for several Conservation Parcels with hiking trails on them. The maps were done with GPS overlays to show precise directions and distances of the trails. The maps were completed in digital format and are readily available on the Town web site. Other brochures and fact sheets are also available at the Town Office, Library and Fire Station.
1-2	Web Site	Public Works Director/John Hubbard	Keep residents up to date on current activities	Household Hazardous Waste Conducted May 18 and Sept. 28 and Brochure for public notice were available at Town Offices and Recycling Center, Bulky Goods Day conducted May 11 & Oct. 19, events are posted on Web site and marquee sign, Local Newspaper, Channel 22 TV, and Community Newsletters.	Web site notices for Bulky goods and Household Hazardous Waste as well as other activities continue to be posted as needed. Channel 22 also advertises events and meetings on the Web site.
1-3	Storm water Hotline	Public Works Director/John Hubbard	For citizens reporting of polluters	Monitor Hot Line for any reports from citizens, none to date.	Monitor Hot Line for any reports from citizens, none to date.

1-4	Signs for Streams	Public Works Director/John Hubbard	Make public aware of the local water resources	Obtained DES Permit to remove old Little River Farm on conservation land located in the headwaters of the Little River. Removal completed June 2013. Will improve water quality in the river and enhance wildlife habitat.	We continue to work on runoff projects through our ongoing DES Grant to construct attenuation barriers and vegetative buffers. Several projects are planned for 2015, with the Grant terminating in December, 2015.
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## 2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 13
2-5	Volunteer water quality monitoring	Conservation Commission	Create a baseline data base for water quality	Currently working with consultant on preparing for new MS4 requirements for testing water and outfall testing. Also insuring manual is up to date.	Testing of the Little River and Winnicut River: Both rivers are classified by NH DES as “impaired water courses”. We continue to conduct routine water quality sampling and testing of the Little River and there we’ve seen test data improvement in the river. The major noticeable changes, were contamination levels were elevated, were immediately following major rain storms, primary from increased surface water runoff into the river and ultimately into North Hampton Beach.
2-6	Storm Drain Stenciling	Public Works Director /John Hubbard	Make public aware that storm drains are not to be used for waste oil	We are beginning another phase of effort for improving the water quality of the Little River with funding from a NH DES grant for \$30,000 and in-kind match of \$23,000. This will include several projects for mitigating surface water runoff in the Little River Watershed.	Winnicut River water quality sampling and testing has been initiated. Collecting water samples at designated benchmark locations under both wet and dry weather conditions. Tests will be conducted for a variety of contaminants, with a primary focus on potential point sources of bacteria from septic systems.

2-7	Community cleanup	Conservation Commission	Clean up the beach & around storm drains	<p>Blue Ocean Society in cooperation with NHDES conducts monthly beach cleanups of North Hampton State Beach. Volunteers ranging from 4 - 30 people have attended for clean ups. Collecting 10-35 lbs. of debris as part of the Regional Adopt A-Beach program.</p> <p>United Church of Christ, North Hampton will be engaging in an earth stewardship program called "Mission 4/1 Earth" from April 1-May 19 this spring. Will volunteer 1 million hours for earth stewardship, plant 100,000 trees, and write 100,000 letters of advocacy for the environment. They have extended an invitation to all members of the North Hampton community to green up, power down, and shout out for the environment this spring!</p>	<p>Blue Ocean Society in cooperation with NHDES conducts monthly beach cleanups of North Hampton State Beach. Volunteers ranging from 4 - 30 people have attended for clean ups. Collecting debris as part of the Regional Adopt A-Beach program.</p>
2-23	Public hearings for storm water programs	Planning Board	Have public hearings per NH RSA 91A	<p>Work sessions on the future land use chapter of the Master Plan continue to make progress to address water runoff issues.</p>	<p>Several public hearings were conducted on wetland issues as well as set back issues. Aquifer concerns were also addressed in an effort to keep them from getting contaminated.</p>

### 3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 13
3-8	Storm water GIS map	Public Works Director /John Hubbard	Locate storm drains and outfalls	Work continues on marking and identifying drains and outfalls that need upgrading. A Consultant is currently assisting us in achieving this goal.	Digital disk of maps has been received from the consultant with upgrades. Monitoring and upgrades are ongoing.
3-9	Zoning Regulations	Planning Board	Set standard for storm runoff	Ten properties have been identified as potential junk yards or possible water contamination sites. \$16,000 in fines pending could be waived if cleanup is completed, and continued compliance of cleanup is maintained.	Clean up of properties has been very successful with owner's taking steps to clean things up. Progress continues with Building Inspector supervision.
3-10	Training for Public employees	Public Works Director /John Hubbard	Educate the public employees	Road Agents Mountain of Demonstration attendance continues to train personnel in new product info and techniques.	Road Agents Mountain of Demonstration attendance continues to train personnel in new product info and techniques.
3-11	Hazardous waste day	Public Works Director /John Hubbard	Remove waste oils, antifreeze and pesticides	Household Hazardous Waste Conducted May 18 and Sept. 28 and Brochure for public notice were available at Town Offices and Recycling Center, Bulky Goods /Electronics Day conducted May 11 & Oct. 19.	Household Hazardous Waste Conducted May 17 and Sept 13 Brochure for public notice were available at Town Offices and Recycling Center, Bulky Goods /Electronics Day conducted May 30 & Oct. 18.

### 4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 13
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4-12	Ordinance for Storm water & erosion runoff	Planning Board	Site plan review standards	Review of town ordinances to address impervious surfaces to make pervious surfaces the standard to comply with NH DES requirements.	Planning Board members have identified and prioritized the following topics for work during the remainder of the year; 1. Wetlands Ordinance 2. Wireless Telecommunications Ordinance 3. Duplex Ordinance 4. Minor Site Plan and Subdivision Plans (Regulations) 5. Shared Driveways (Regulations) 6. Lot coverage percentage 7. Accessory Structures and Solar Array Ordinance 8. Foundation Restrictions regarding the Water Table
4-13	Inspection procedures	Building Dept./Kevin Kelley	Inspection & Enforcement for water quality impacts	Follow up meeting to be conducted this fall to address contaminates near State Beach, Beach Houses, Old Locke Rd and Bass Beach areas that were identified as problems by the sniffing dog team.	Stream testing and investigation into contaminates and their sources is continuing and expanding to the Winnicut River Area.
4-14	Penalties	Planning Board	Set fine levels & legal procedures for enforcement	Several fines issued for junk yard violations on 10 properties, progress continues to improve appearance and contamination potential.	Potential fines pending if work on cleanup is not completed to the requested standards. Monitoring of sites on going.

### 5. Post-Construction Storm water Management in New Development and Redevelopment

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 13
5-15	Update Master Plan	Planning Board	Guide Growth away from sensitive wetlands	Future land use and Natural Resources plan to be completed Dec. 31 of 2014	In May 2014, during the Planning Board Work session, the Master Plan update- Natural Resource Chapter for the Master Plan was reviewed and further discussed for update.

5-16	Update buffer strip requirements	Planning Board	Preserve open space and minimize soil disturbance	Oct. 2013 acquisition of 14.6 Acres of pristine wooded land off Atlantic Avenue and Mill Road. In December the Town was deeded additional 16.75 acres of conservation land in the "Twelve Shares" area, south of Atlantic Ave. and west of the Shiprock and Rockrimmon Subdivisions. The parcels have conservation benefits by protecting and mitigating contamination of the Nilus Brook, near the Town of Hampton boundary.	On May 8, the conservation easement on the Gov Dale Farm was completed. Placing 51 acres of open space in Executory Interest. We were also notified that on December 22, the Southeast Land Trust completed the transfer and Conservation easement agreement with the Rand family of Rye, to place 94 acres of land into conservation on the Rand woodlot parcel off South Road. Significantly, about 65 acres of this parcel is located in North Hampton.
5-17	Rules for storm water detention	Planning Board	Reduce sedimentation to local water bodies	We are beginning another phase of effort for improving the water quality of the Little River with funding from a NH DES grant for \$30,000 and in-kind match of \$23,000. This will include several projects for mitigating surface water runoff in the Little River Watershed.	Public Works Department has up graded several storm drains to leaching basins thus allowing less run off and more collection site for runoff material to be trapped in basins for cleaning at future date.
5-18	Vegetative practices	Planning Board	Landscaping: grassy swales, filter strips, & artificial wetlands	Public Work Dept. upgraded drainage basins and swales on South Road prior to paving. Installing leaching basins to help improve drainage and contain sediments from entering adjacent water bodies.	Drains, Leaching Basins, and culverts were upgraded on Willow Ave., Juniper, New Rd., Sheppard Ln., River Rd., and Old Lock Rd. improving drainage and run off issues.
5-24	Review existing storm water ordinance in site regs. To include projects of land disturbance that are equal to or greater than one acre	Planning Board	Add procedures for long term operations and maintenance of controls	North Hampton School Greenhouse Project with many environmental friendly technologies is under way. A system reclaiming rain water and store it in a large underground tank. A composting system to generate the organic material necessary for healthy growing.	Public Hearing conducted on proposed amendment on –Wetlands Minimum Lot Area. The intent of the proposed amendment is to add requirement "there shall be a building envelope of ¼ acre for the site of a house" in hopes of reducing wetland issues.

## 6. Pollution Prevention and Good Housekeeping in Municipal Operations

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) – Permit Year 12</b> (Reliance on non-municipal partners indicated, if any)	<b>Planned Activities – Permit Year 13</b>
6-19	Catch Basin cleaning	Public Works Director /John Hubbard	Keep basins clean and functioning	July 17, 2013 Flushed clogged drain pipe on Runnymede and cleaned out the out fall to improve run off. Conducted spot inspection on catch basins. None found to be in need of cleaning. All basins had less than 6" of silt. Monitoring of basins continues.	Conducted spot inspection on catch basins. None found to be in need of cleaning. All basins had less than 6" of silt. Monitoring of basins continues. Beavers continue to block water flows in several areas and debris is removed as necessary.
6-20	Street sweeping	Public Works Director /John Hubbard	Reduce sand and floatable	Sweeping of roads conducted 4/30-5/1 2013 removing an estimated 3 yards of sand from roads and recycling it as fill for future use.	Sweeping of roads conducted 4/14/2014 removing an estimated 4 yards of sand from roads and recycling it as fill for future use.
6-21	Sand and salt storage	Public Works Director /John Hubbard	Store sand and salt inside covered buildings	Monitoring salt shed for any drainage or run off issues.	Monitoring salt shed for any drainage or run off issues.
6-25	Employee training on maintenance and prevention	Public Works Director /John Hubbard	Create an operations manual for the staff	Class 3 Solid Waste training conducted on Oct 1, 2013. Chainsaw Safety training conducted May 5, 2013. Mountain of Demo training conducted May 23, 2013	Class 3 Solid Waste training conducted for certification. Mountain of Demo training also conducted on Safety and Maintenance techniques.