

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

EPA NPDES Permit Number: NHR 041024

**Annual Report Number
& Reporting Period:** April 1, 2015 – March 31, 2016

**NPDES PII Small MS4 General Permit
Annual Report
(Due: May 1, 2016)**

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:

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 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
1-1	Brochures & fact sheets	Building Dept./ Kevin Kelley	Keep materials current and up to date	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.	In October and November we had two Eagle Scout candidates' complete two hiking trails on conservation easement land. It is planned to be integrated into the Rails to Trails project after the state buys the railroad land.
1-2	Web Site	Public Works Director/John Hubbard	Keep residents up to date on current activities	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.	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	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.	Two projects were completed and advertised in the town Community News Letter bringing to light our concerns for water run off issues. See item #5-17

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
2-5	Volunteer water quality monitoring	Conservation Commission	Create a baseline data base for water quality	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.	We continue water quality sampling and testing of the Little River at benchmark sampling locations for which previous tests have shown highest contamination levels. The overall water quality of the river has improved, primarily from renovation of nearby existing failing septic systems and surface water mitigation.
2-6	Storm Drain Stenciling	Public Works Director /John Hubbard	Make public aware that storm drains are not to be used for waste oil	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.	The Conservation Commission has been working with the Winnicut River Watershed Coalition, the NH Rivers Council, DES and several other organizations to develop a multi-town effort to apply for a Winnicut River Watershed Management Plan grant from USEPA and the NH DES. We further hope to recommend to the DES that dredging of the river is needed to stimulate the river flow to reduce flooding, improve water quality and to improve public safety by reducing contamination.

2-7	Community cleanup	Conservation Commission	Clean up the beach & around storm drains	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.	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.
2-23	Public hearings for storm water programs	Planning Board	Have public hearings per NH RSA 91A	Several public hearings were conducted on wetland issues as well as set back issues. Aquafer concerns were also addressed in an effort to keep them from getting contaminated.	Several public hearings were conducted on wetland issues as well as set back issues by the Selectmen, Conservation Commission, and Planning Board.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
3-8	Storm water GIS map	Public Works Director /John Hubbard	Locate storm drains and outfalls	Digital disk of maps has been received from the consultant with upgrades. Monitoring and upgrades are ongoing.	Monitoring and upgrades are ongoing by consultants.
3-9	Zoning Regulations	Planning Board	Set standard for storm runoff	Clean up of properties has been very successful with owner's taking steps to clean things up. Progress continues with Building Inspector supervision.	At a December meeting the Conservation Commission passed a resolution in support of the Planning Board's efforts to revise ordinances relating to wetlands/wetlands buffer setbacks, since the revisions will result in improved water quality in the Town's ponds, rivers, streams, and marshes.

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.	Training by Primex and Health Trust were conducted on collision avoidance on 10/30/15, and back injury prevention 6/3/15, flaggers training, and 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 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.	Household Hazardous Waste Conducted May 30 and Aug 29 Brochure for public notices were available at Town Offices and Recycling Center. Bulky Goods /Electronics Day were conducted May 16 & Oct. 17.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
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4-12	Ordinance for Storm water & erosion runoff	Planning Board	Site plan review standards	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	Increased enforcement of Conservation regulations and ordinances to protect wetlands, public outreach, increased coordination with DES regulatory staff, warrant article preparation and monitoring conservation parcels and stewardship of conservation easements are in the works.
4-13	Inspection procedures	Building Dept./Kevin Kelley	Inspection & Enforcement for water quality impacts	Stream testing and investigation into contaminants and their sources is continuing and expanding to the Winnicut River Area.	We continue to conduct routine water quality sampling and testing of the Little River with some data improvement seen.
4-14	Penalties	Planning Board	Set fine levels & legal procedures for enforcement	Potential fines pending if work on cleanup is not completed to the requested standards. Monitoring of sites on going.	Reviewed the wetlands maps differences and selected a map recommended by the Rockingham Planning Commission as a standard for guidance of wetlands boundaries. Ultimately, it became apparent that the most accurate method for determining wetlands boundaries is by conducting wetlands delineations by certified wetlands scientists.

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 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
5-15	Update Master Plan	Planning Board	Guide Growth away from sensitive wetlands	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.	Construction open space ordinance continues to protect open space, and review of applications with the goal of property open space in mind.
5-16	Update buffer strip requirements	Planning Board	Preserve open space and minimize soil disturbance	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.	Enactment of vegetative regulations to enhance the current wetlands setbacks regulations is ongoing by the Planning Board.
5-17	Rules for storm water detention	Planning Board	Reduce sedimentation to local water bodies	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.	DES Grant to construct attenuation barriers and vegetative buffers was completed on Woodland rd. and North Rd. thus allowing less run off to occur.
5-18	Vegetative practices	Planning Board	Landscaping: grassy swales, filter strips, & artificial wetlands	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.	Cross culverts on Old Locke rd. and Lovering Rd. were cleared of soot buildup providing for flow improvement.
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	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.	Of current concern is the conflicting methods being used for wetlands delineations. Guidelines issued by the Army Corps of Engineers appear to conflict with the accepted standard method. Clarification and resolution of the conflicting issues approaches.

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 14
6-19	Catch Basin cleaning	Public Works Director /John Hubbard	Keep basins clean and functioning	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.	Conducted catch basin cleaning on 11/30/15-12/1/15 Cleaning 55 basins removing an estimated 6 yards of fine particulates, leaves, and pine needles.
6-20	Street sweeping	Public Works Director /John Hubbard	Reduce sand and floatable	Sweeping of roads conducted 4/14/2014 removing an estimated 4 yards of sand from roads and recycling it as fill for future use.	Sweeping of roads conducted 4/27-5/6/2015 removing an estimated 8 yards of sand from roads and recycling it as mix in sod 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 for certification. Mountain of Demo training also conducted on Safety and Maintenance techniques.	Mountain of Demo training conducted on 21 May 2015 covering safety, maintenance techniques, and new product demonstrations.