

Municipality/Organization: TOWN OF KINGSTON, NH

EPA NPDES Permit Number: NR 041014

MassDEP Transmittal Number: W-

Annual Report Number & Reporting Period: Year 13
April 1, 2016 – March 31, 2017

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2017)

Part I. General Information

Contact Person: Richard St. Hilaire Title: Road Agent

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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: Richard D. St. Hilaire

Title: Road Agent, Kingston, NH

Date: April 26, 2017

Part II. Self-Assessment

The Town continues to implement its Stormwater Management Ordinance (Title III, Article 908 of the town's Ordinances, Rules and Regulations), with a comprehensive inspection, surveillance, monitoring and enforcement process overseen by the Town Engineer and Road Agent. A good deal of time was spent during this permit period in trying to determine what actions will be required of the town as the permitting process moves into its next phase, along with what costs will be incurred, personnel will be required, and time will need to be devoted to complying with the more stringent program. Our Conservation Commission continues to be active in working along side other community and school groups to educate them in the necessity of protecting our groundwater, limiting run-off and nurturing natural barriers to storm water contamination. This year they have created rain gardens, conducted educational programs at the local schools and at the town's summer recreation camp program. They monitor use of town forest areas, create trails, promote the use of woodland areas for hiking, boating, horseback riding, etc. Several instances of misuse of conservation properties were dealt with by the Conservation Commission and local government during the past year, with gated accesses, surveillance cameras, and personal notice to violators. Timbering operations are carefully monitored, particularly when conducted close to wetland areas, and our Shoreland Protection Ordinances allow the town's Building Inspector to oversee lot clearing and construction undertakings. , monitoring use of town forests areas, and keeping a close eye on timbering operations and on projects occurring near wetland areas. Particular attention is paid to lot drainage for any new or substantial development, to ensure that run-off remains on the site. Our Building Inspector also administers and closely monitors our Shoreland Protection Ordinances and works with the Planning Board to determine what uses are allowed close to the town's jurisdictional waterways. The town has two local Advisory Committees that test lake waters, oversee DES invasive species treatments, and sponsor and Lake Host program to protect against introduction of invasives. Nearly 25% of the town's total land area has been conserved for recreational uses only and will never be developed. The town has enlisted the assistance of its residents by establishing a Stormwater violations reporting system, and special requests for vigilance in what chemicals and contaminants are introduced into the soils and Stormwater system are published. The town's Aquifer Protection Ordinance has set standards for the allowable area of impermeable surface per lot, and the Planning Board is diligent in ensuring that vehicle repair and sales facilities protect against fluids and contaminants entering the ground. The town's buildings and grounds maintenance employees follow an organic-based regimen for the town's field, park and public areas, and encourage residents to reduce use of pesticides and fertilizers containing nitrates. Our Highway Department follows Best Management Practices for treatment of roadways during winter months, and regularly inspects catch basins, culverts, storm drains, etc.

Local officials have been encouraged by the level of participation in storm water management embraced by town employees and residents and by the interest in the issue shown by students of the local school district. Projects involving cleanup of public properties, planting of wildflowers, investigation of management practices, etc. all are typically successful and well attended. While the town is apprehensive about future costs and the level of benefit to be derived from increasingly difficult

regulations, we believe overall that there is a far greater awareness of our role in protecting the state's waterways with proper management of storm run-off.

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
1 PE Revised	Targeting Public-Video	Cable Videographer	85% of viewers	The Public Access station was out of commission for most of 2016; broadcasts resumed in early 2017.	Reinstatement of televised notices relating to Stormwater protection and reporting
2 PE Revised	Education Flyers	Highway and Cons Com; Kingston Lake Association	No. of Flyers distributed annually	300 +	It's expected that students will both be publishing flyers and will be distributing them, based on a very active educational program overseen by the Conservation Commission
3PE Revised	Educational Programs	Conservation Commission	Number of Active Participants	200-300	Local Scouts and regional students will participate in a roadside cleanup project, in forest area clean-ups, in planting of gardens, etc., and in educational programs both at our schools and at the summer recreation camp
4 PE Revised	Flyer Program – Waste Oil Collections and HHW Collections	Solid Waste Task Force	Number of Flyers Distributed	100-150	Flyers will continue to be distributed to new visitors to the town's waste oil collections and Household Hazardous Waste Collections, and flyers outlining Shoreland protection are posted on our website and in the Town Offices..
5 PE Revised	Website Entries	Highway Dept.	Notices Posted	Information Notices, Ordinances and a notice about the Selectmen's reporting "hot line" all are posted on the town's website.	Educational flyers relating to ground and storm water contamination are posted as they become available.
Revised					

1a. Additions

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
1 PP Revised	Coordinate with State Highway Dept.	Hiway Dept.	Meeting / Discussions w/ DOT Reps.	Regular discussions and coordination of road treatment details are undertaken.	Continuation of open lines of communication is a department goal.
2 PP Revised	Coordinate with Adjacent Towns	Hiway Dept.	Discussions with area Road Agents & Public Works Directors	Regular discussions and information sharing with area Highway personnel are held and encouraged. The state’s Public Works network is a useful tool to share and gather information.	Continued use of mutual opportunities for communications will be encouraged.
3PP Revised	Adopt-an Area Program	Highway / Cons Com	Number of areas improved	The Conservation Commission, schools, civic groups and service clubs all are active in undertaking clean-up and beautification projects.	Continued encouragement of and assistance to groups that wish to undertake clean up or improvement projects.
4 PP Revised	Community Hotline	Selectmen’s Office	Number of calls received	The town received no calls in 2016-17	The hot line will remain available for the reporting of hazards and potential illegal activities relating to groundwater and storm water
5 PP Revised	Waste Oil Disposal	Highway Dept.	Volume Collected	A monthly collection of used motor oils – which fuel the heating system of the “old” highway garage is held on the first Saturday of each month.	Continuing waste oil collections.
Revised					

2a. Additions

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
1 ID Revised	Update of MS4 Outfall sites	Highway Dept.	Number of Outfalls confirmed	NH DOT, UNH Granit and Rockingham Planning Commission have mapped each culvert and catch basin	N/A
2 ID Revised	Identification of illicit connections	Highway Dept.	Inspections per year / Connections repaired	Personnel in Highway, Health and Building Inspections Departments are aware of the need to report illicit connections whenever found.	Continuing inspection and monitoring program.
3 ID Revised	Failing Septic Systems	Health Dept.	Approved septic systems on all lots	Each reportedly failed system is addressed and each increase to living area per property is required to have an updated design plan on file.	Continuing review and inspection program.
4 ID Revised	Illegal Dumping	Highway and Cons Com	Clean up of sites reported	A roadside clean up program as well as community based forest area clean-ups are held annually	Continued monitoring and response to reports of illicit dumping.
Revised					
Revised					

3a. Additions

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
1 CS	Sediment Control	Planning / Engineering	Pre- and Post-Construction Plans	Plans for each project continue to be reviewed and post construction inspections continue to be conducted. Drainage issues that arise are addressed immediately	Continuing review and monitoring
Revised					
2 CS	Erosion Control	Planning / Engineering	Pre- and Post-Construction Plans	Plans for each project continue to be reviewed and post construction inspections continue to be conducted. Drainage issues that arise are addressed immediately	Continuing review and monitoring
Revised					
3 CS	SWPP	Planning / Engineering	Pre- and Post-Construction Plans and HISS Mapping	Development Plans are contingent for approval upon a suitability of soils to accept the lot loading and uses proposed.	Continuing review
Revised					
Revised					

5. Post-Construction Stormwater 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
1 PC Revised	Buffer Zone	Conservation / Engineering	Reviews / Inspections	Development plans, building and development inspections, monitoring of mandated buffer zones	Continuation of Reviews and Inspections
2 PC Revised	Inspection Program	Planning / Building	Full Compliance with Plans Proposed	Each building permit application is reviewed in light of approved development and/or site plans for compliance, proximity to wetlands and water bodies.	Continuance of a comprehensive inspection program in conjunction with planning and engineering approvals.
3 PC Revised	Planning Ordinance	Planning	Annual Review and Evaluation	Protective Ordinances based on advice from the local Regional Planning Commission, the state and the EPA all are reviewed on an annual basis.	Continued monitoring of state and federal mandates for the protection of groundwater and runoff.
4 PC Revised	Catch Basins	Highway	Inventory and Upkeep	Each catch basin is inspected twice a year (or following large rain events). Excess sediments are removed.	Continuing inspection and maintenance.
Revised					
Revised					

5a. Additions

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
1 MG Revised	Trained Lawn care and Pesticide Specialist	Highway	1 Certified Person / 1 Annual Seminar	An organic lawn care for the common areas and sports fields is in place.	Continuation of organic land care and instruction to permit applicants concerning sustainable, organic landscaping options.
2 MG Revised	Illegal Dumping	Police / Highway	Number of sites identified and cleaned	Signs posted against illicit dumping; clean up of roadsides,	Continued monitoring and clean up as well as educational presentations to students about littering/dumping.
3 MG Revised	Spill Control	Fire / Health	One heating oil spill was identified and cleaned up this year.	The town works closely with the State of New Hampshire DES in this area.	Continuing training for spill control and education of residents to the hazards of spills.
4 MG Revised	Road Salt Reduction	Highway	McC1 additive volume per year / salt volume per year	1615 tons of salt / no additives were used.	Continuation of program to maintain road safety with minimum storm water contamination.
Revised	Pet waste	Health Dept.	Ordinance Compliance	State BMP's for large animal care are encouraged; a dog ordinance and dog park, as well as multiple signs, are in place for dog owners.	Continuing educational and informational efforts, policing and enforcement. Consideration of banning pets from some areas has been undertaken.
Revised	Used Oil Recycling	Highway Dept.	Volume Collected	2,000 gallons of waste oil are collected annually at the towns' monthly waste oil collections.	Continuation of the monthly collections as well as the twice yearly Household Hazardous Waste collections

6a. Additions
