

Municipality/Organization: TOWN OF KINGSTON, NH

EPA NPDES Permit Number: NR 041014

MassDEP Transmittal Number: W-

Annual Report Number Year 11
& 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: Richard St. Hilaire Title: Road Agent

Telephone #: (603) 765-4371 Email: highway@kingstonnh.org

Mailing Address: P. O. Box 716, Kingston, N. H. 03848

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, N. H.

Date: April 10, 2015

Part II. Self-Assessment

The Town operates its stormwater management program under 2003 MS4 Permit #NR 04104. Since 2009, when our Stormwater Management Ordinance was enacted (Title III, Article 908 of the town's Ordinances, Rules and Regulations), we have had active inspection, surveillance, monitoring and enforcement procedures to ensure compliance with U. S. EPA and N. H. Department of Environmental Services regulations relating to stormwater discharge safety. Our Conservation Commission works with the Southeast Watershed Alliance – a N. H. DES sponsored consortium of southern New Hampshire towns and planning commissions, scientists and environmentalists from the University of New Hampshire and the state – to work with the state to determine what legislation might best protect water quality and the state's coastal water resources. The Commission also has worked with the Exeter-Squamscott River Local Advisory Committee to provide educational workshops and to liaison with local school groups. The town works in cooperation with two local lake advisory groups to test water quality, provide a lake host system to monitor water craft, and provide for control of invasive species. The town continues to protect large tracts of land that it considers to be crucial to protective efforts and, in 2013, purchased approximately 150 acres located within the watershed. The town has gone to great effort and expense and has as a goal the protection of 25% to 30% of the town's total land area (that goal is stated in the town's overall Master Plan.) The town has established in its Selectmen's Office a "hot line" to which residents who identify the introduction of contaminants into the stormwater drainage system can report their concerns to the town. That number is available on the town's website as well as on our Public Access Channel. Additionally, there is a notice requesting that residents take care in what chemicals and other contaminants are introduced into the stormwater system, along with an explanation of the dangers to coastal waters should nitrates and other harmful wastes enter culverts and catch basins. Our highway department follows NH DES guidelines for snow disposal. Each new development and each new business is carefully reviewed by the Planning Board and local Planning Commission for potential impact on the soils and drainage into the stormwater system; the town considers that by making local boards, commissions and employees more aware of the necessity to protect our coastal waters, awareness will pass on to residents and developers more readily. A more restrictive Aquifer Protection Ordinance now requires that a portion of the Aquifer Protection Zone have a reduced area of impermeable surface, which protects both the aquifer and stormwater run-off. The town continues to seek more opportunities and more creative ways to heighten awareness and has worked to begin development of a display for the Community Library, using some of the materials available on the DES and EPA websites. Our Conservation Commission works closely with the Library Trustees as well as with the School District to promote their educational programs, including those programs that involve Stormwater management. Employees have participated in the UNH Granit program for the new Coastal View mapping program that focuses on management of groundwater and 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 11 (Reliance on non-municipal partners indicated, if any)	Planned Activities
1 PE Revised	Targeting Public- Video	Cable Committee / Peter Broderick	85% of viewers	A notice on the streaming "bulletin board" remains in broadcast mode	Televised notices of opportunities to publicize stormwater education activities (i.e., Town Fair, Annual Craft Fair, school events, etc.)
2 PE Revised	Education Flyer	Highway / Richard St. Hilaire	No. of Flyers distributed annually	175	Continuation of distribution of flyers at town and school events and at annual Kingston Days celebration
3 PE Revised	Educational Displays	Conservation / Evelyn Nathan	No. of display opportunities available	Continuing display at Annual Town Fair and availability of spokesman to respond to questions and advise on importance of the program.	A display using materials available from agency websites is planned for the Community Library.
4 PE Revised	Elementary School Educational Program	Conservation / Evelyn Nathan	No. of students per year	Special programs (such as on Vernal Pools, organic landscaping, etc) are being offered increasingly through the library.	Continuing offers to provide educational materials and displays, and requests for materials to be included in curriculum; advertisement of program availability through the school continues.
5 PE Revised	Flyer Program – Waste Oil Collection Day & Household Hazardous Waste Collections	Solid Waste Task Force / Scott Harlow	No. of flyers distributed monthly	Estimated 50-100 annually	Flyers will continue to be distributed at the Waste Oil collections held monthly at the local highway garage and at Hazardous Waste collections held twice a year.
6 PE Revised	Website Entries	Highway / Richard St. Hilaire	Notices posted	A notice of the danger of releasing contaminants into the drainage system, along with a hot line to report violations and copies of the Ordinances all are posted on the town's web site.	The town will continue to provide notices and updates on its website of all matters relating to stormwater protection.

1a. Additions

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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 11 (Reliance on non-municipal partners indicated, if any)	Planned Activities
1 PP	Coordinate with State Highway Dept.	Highway / Richard St. Hilaire	Meeting / Discussion with DOT Rep.	N. H. DOT representatives have been active in the Southeast Watershed Alliance to which the town's Conservation Commission sends a representative.	It's expected that the Conservation Commission will continue to belong to and participate in SWA as well as in local river advisory groups.
Revised					
2 PP	Coordinate with Adjacent Towns	Highway / Richard St. Hilaire	Contact of adjacent towns to invite participation with monthly waste oil collections	Individual towns were contacted and invited to participate in the town's monthly waste oil collections, and the town participates in the twice-yearly Household Hazardous Waste Collections held within the coalition of area towns to which we belong.	The town will continue to participate in the 6-town hazardous waste consortium to which it belongs.
Revised					
3 PP	Adopt-an-Area Program	Highway / Richard St. Hilaire	Number of participants and quantity of debris	There is no budget to undertake this effort	There was no budget proposed for 2014 for this program. Local scout groups generally offer to assist with road clean-ups, and local residents do a substantial amount of the clean-up necessary, but most of the work falls to the Highway and maintenance crews.
Revised					
4 PP	Community Hotline	Selectmen's Office / Chairman	No. of calls / Number of Problems identified	The town had no calls or reports of suspected contamination. One complaint that automotive fluids had been deposited into a wooded area was investigated and determined to be false.	Continuing program with notice of availability of the hot line both on the town's website and on the Public Access Channel
Revised					
5 PP	Waste Oil Disposal	Solid Waste Task Force/ Scott Harlow	Volume collected	2,000 +/- (used to heat the town's highway garage in a waste oil fueled furnace)	Continuing collections; a waste oil burning furnace has been installed in the Highway Garage and monthly collections provide fuel for that furnace.
Revised					

2a. Additions

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3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 11 (Reliance on non-municipal partners indicated, if any)	Planned Activities
1 ID	Update MS 4 Plan	Highway / Richard St. Hilaire	Number of Outfalls confirmed	Rockingham Planning Commission has provided a plan of culverts and catch basins developed in conjunction with UNH Granit and the NH DOT.	N/A
Revised					
2 ID	Identify illicit connections	Health / Peter Broderick and Highway / Richard St. Hilaire	Inspection per year / Connections repaired	232 Sites are inspected 2x per year; Health and Building inspectors are versed in the need to be aware of illicit connections and to report to the Highway Department if found. None have been identified.	Continuing inspection and monitoring program.
Revised					
3 ID	Failing Septic Systems	Health / Peter Broderick	No. of installs inspected; failed systems identified	38 designs reviewed; 19 backfill inspections conducted	Continuing review and inspection program. Any increase in living area proposed entails full review of the existing system and re-design to ensure the lot will sustain an increase in lot loading.
Revised					
4 ID	Illegal Dumping	Highway / Richard St. Hilaire	Reports rec'd./Dumps cleaned up	The town received three reports of non-chemical materials dumped roadside and cleaned up the debris immediately. The Conservation Commission and local Boy Scouts Troop conducted trail walks and inspections of town properties and found no dumping violations.	Continued monitoring town wide and particularly on the 2700 +/- acres of conserved properties..
Revised					
Revised					

3a. Additions

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4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 11 (Reliance on non-municipal partners indicated, if any)	Planned Activities
1 CS	Sediment Control	Planning / Dennis Quintal	Pre- and Post-Construction Plans	Plans continue to be reviewed and post-construction inspections continue to be made. Owners/Developers are advised to comply as drainage issues arise.	Continuing reviews of plans
Revised					
2 CS	Erosion Control	Planning / Dennis Quintal	Pre- and Post-Construction Plans	Same	Continuing reviews of plans
Revised					
3 CS	SWPP Review	Planning / Conservation – Dennis Quintal	Number of Plans Reviewed	There were two development plans for stormwater protection compliance	Continuing review of all development plans; monitoring of development plans for suitability of soils to accept building and septic loads as proposed.
Revised					
Revised					
Revised					
Revised					

4a. Additions

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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 11	Planned Activities
1 PC	Buffer Zone	Conservation Commission & Town Engineer	No. of Reviews / Inspections	All development is subject to the mandated buffering and building permit inspections. Development plan reviews particularly note the adherence to regulations.	Continuing Reviews and Inspections to ensure compliance.
Revised					
2 PC	Inspection Program	Planning / Glenn Coppelman and Building / Robert Steward	Number of Inspections and number of problems addressed	Each building permit is reviewed for site proximity to wetlands and each inspection measures compliance; each development is reviewed in terms of proximity to wetlands; every septic system design is reviewed in light of area wetlands and water bodies.	Continuation of a comprehensive attempt to comply with regulations at all stages of development.
Revised					
3 PC	Planning Ordinance	Planning / Richard Wilson	Annual Review / Evaluation	A Stormwater Management Ordinance (Article 908 of the Ordinance) was adopted in 2009. The Town also has adopted a Groundwater Management Zone, at the request of the EPA, to manage an area of concern comprising several individual lots.	All development plans and building permits will continue to be reviewed in light of the Stormwater Management Ordinance and potential impact to the drainage system.
Revised					
4 PC	Catch Basins	Highway / Richard St. Hilaire	Inventory and Upkeep	Each catch basin is inspected twice a year (as well as following major storm/flooding events). Any excess of sediments is professionally removed.	Continued inspection and maintenance program, as well as an education program to inform residents of the need to keep pollutants from entering the drainage system.
Revised					
Revised					
Revised					

5a. Additions

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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 11 (Reliance on non-municipal partners indicated, if any)	Planned Activities
1 MG	Trained Lawncare/Pesticide Specialist	Highway / Richard St. Hilaire	1 Certified Person / 1 Annual Seminar	An organic land care program is in place for all town and common areas, as well as sports fields.	Continuation of organic land care program and instruction to permit applicants concerning organic, sustainable landscaping options.
Revised					
2 MG	Illegal Dumping	Highway / Richard St. Hilaire	No. of Signs posted; No. of dumps cleaned	Two signs are permanently posted warning against illegal dumping on town properties. There were no new incidents of illegal dumping this year on town properties, although several roadside dumping incidents had to be addressed.	Continued monitoring and clean up.
Revised					
3 MG	Spill Control	Fire / Bill Seaman	No. of vehicle releases; No. of hazardous waste releases	There were no incidences of spills this year.	Continuing training of emergency personnel and education of residents to the hazards of spills.
Revised					
4 MG	Road salt reduction	Highway / Richard St. Hilaire	McC1 additive volume per year; total salt volume per year	No. of additives used / Salt usage at 815 tons +/-, with approximately 1000 yds. of sand in 2014. No calcium or magnesium chloride used.	
Revised					
5 MG	Pet Waste	Health / P. Broderick	No. of Signs; Town Ordinance	Six signs are permanently posted; a dog ordinance has been adopted; a public Dog park is available; agricultural BMP's are required to be practiced by keepers of farm animals.	Continued monitoring of program for compliance by the public. Response to complaints addressed by Health Officer.
Revised					
6 MG	Used Oil Recycling	Highway / R. St. Hilaire	Volume collected annually	2,000 gal. plus	Continued monthly collection (used to fuel the highway garages waste oil burning furnace)
Revised					

6a. Additions

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