

Municipality/Organization: Town of Milton, NH
EPA NPDES Permit Number: NHR041020
MassDEP Transmittal Number: W-
Annual Report Number & Reporting Period: Year 12
April 1, 2014 – March 31, 2015

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2014)

Part I. General Information

Contact Person: Elizabeth Dionne 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: Elizabeth Dionne
Printed Name: Elizabeth Dionne
Title: Town Administrator
Date: 04-29-2015

Part II. Self-Assessment

The Town of Milton recognizes the importance of the MS4 program and is yet again attempting to come into compliance and overcoming obstacles in doing so. The Town of Milton is a small Town with limited funds. The Town has experienced several “default” budgets during the past five years which places a financial strain on services and cuts proposed funding for proposed projects. Since 2006 the Town has experienced a turnover in Town management resulting in a lack of routine annual requirements being completed.

The Town of Milton has no “Town” storm drains in the EPA selected areas for the MS4 Program. A significant portion of roadway which borders on these selected waterways is “State” roadway and State Right of Way.

The Town of Milton prides itself on being pro-actively green when possible. The Town has an appointed Conservation Commission which is active in land conservation. In addition there is a private nonprofit organization called the “TPPA” (Three Ponds Protective Association) which the primary goal is water quality in the ponds. The State of NH DHHS conducts water quality testing at our Town Beach which is open during the summer months and located on State Route 125. When a test result has a high bacteria count, it is because of the non-migratory Canadian geese who try to make the beach area their home and not because of storm run-off. The Recreation Department has been and continues to pursue several methods of deterring the geese from hanging around the beach. When those methods are successful, the contamination level drops significantly and immediately. This is an ongoing issue.

The three major lakes in Town are referred to as ponds. These three bodies of water are all bordered on the eastern edges by the State of Maine with the southernmost pond draining into the Salmon Falls River. All along the Salmon Falls River in Milton, the State of Maine borders the eastern side of the river as well.

The Town has created a base list of catch basins. The next step is stenciling, which we hope to achieve during 2015. As a very small town with limited staff these things take time and money which we must plan for in advance.

The Town continues to look into having UNH students, non-gratis, hopefully part of a class requirement, to walk the shorelines to mark the locations of any culverts, gully’s or ditches that drain into the EPA selected waterways. Turned down by the UNH Cooperative Extension in 2014, the Town will continue to contact other UNH Departments to see if there’s an interest.

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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
1.1 Revised	TPPA (Three Ponds Protective Association)	Current President	Info on website and mailers, meetings.	The Town of Milton supports TPPA's work and goals. Town of Milton appropriates \$1,000 annually for TPPA's use in water quality testing.	Continue to educate the public through newsletters, flyers, meetings, etc., maintain website.
1.2 Revised	Conservation Commission	Cynthia Wyatt, current Chair	Passage of Shoreland Overlay Protection Ordinance.	Work continued to consolidate and streamline existing water protection ordinances, and ensure consistency between the Town's ordinances and the State Comprehensive Shoreland Protection Act and was completed in 2008.	Continue to hold meetings; continue to display public educational material at various events; maintain web page on Town's website; monitor proposed building/construction projects and subdivisions in Town and bordering Towns for protection of water supplies through the watershed area.
1.3 Revised	MMRG (Moose Mountains Regional Greenways)	Current President	Identify and protect important natural resources including water resources.	Monitoring of the natural water resources continues. Public education continues about these efforts. Join protected lands to form greenways.	Continue to hold meetings; continued public education at various events; continue to send out flyers and newsletters; maintain website.
1.4 Revised	Town Gazette publication	Karen Brown, Recreation Director	Strive to publish educational information about water protection in future Gazette issues.	To be done.	Publish water protection information in the Gazette.
1.5	Annual Town Earth Day	Patrick Smith, DPW Director	Host an annual Earth Day for litter pick up along Town roadsides.	Annual Earth Day cleanup continues each year usually in April. The Town is fortunate to have two separate Earth Days hosted by Town and nonprofit	Continue annual Earth Day activities.

Revised				organizations.	
1.6	Annual Earth Day by MMRG, The Farm Museum, Conservation Commission.	Current Presidents/chairs	Continue providing public education on land and water preservation and conservation at annual Earth Day.	Continuing annual Earth day allows for continuing public outreach and education on protecting the land and water supplies. The Town is fortunate to have two separate Earth Days hosted by Town and nonprofit organizations.	Continue annual Earth Day activities.
Revised					
1.7					

1a. Additions

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
2.1	Annual Hazardous Waste Collection Day	Patrick Smith, Public Works Director	Continue annual Hazardous Waste Drop-off Day for residents to properly dispose of unwanted hazardous waste.	Dropping off of hazardous materials eliminates flushing the products down the toilet, disposing of them in household trash, or dumping them on the ground.	Continue annual Hazardous Waste Drop Off Day.
Revised					
2.2	Annual Town Earth Day.	Patrick Smith, Public Works Director	Continual annual Earth Day to allow for litter pickup along Town roadsides.	Picking up litter along Town roadsides prevents litter from blowing into the ponds (lakes), thus preventing some level of contamination.	Continue annual Earth Day activities.
Revised					
2.3	Annual Earth Day by MMRG, The Farm Museum, Conservation Commission.	Current Presidents/chairs	Continue annual Earth Day to allow litter pickup along State roadsides.	Picking up litter along State roadsides prevents litter from blowing into the ponds (lakes), thus preventing some level of contamination.	Continue annual Earth Day activities.
Revised					
2.4	Conservation Commission meetings	Cynthia Wyatt, Chairperson	Continue to monitor the protection of land and water supplies	Monitoring continues. As new laws are enacted, the Conservation Commission strives to update their rules and Town Ordinances/policies concerning Conservation as it relates to water areas in addition to land areas.	Continue current activities and current monitoring.
Revised					
2.5	MMRG (Moose Mountain Regional Greenways)	Current President	Continue to host the annual “Woods, Water, Wildlife” event every August.	Annual event continues each August.	Educational hayride for children to ride in and a UNH representative along with a MMRG representative teach the children about the river life, the river eco system and how very precious it is.
Revised					

Revised					
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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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
3.1	Stenciling of storm drains within the EPA designated area of the Town.	Patrick Smith, Public Works Director	Strive to stencil an area beside each roadway drain cover on any drains that would be installed.		Continue to monitor any proposed roadway drain installations. None are anticipated, but will continue to monitor.
Revised					
3.2	Identification of storm drains, culverts, gully's within the EPA designated area of the Town.	Patrick Smith, Public Works Director	Strive to obtain non gratis UNH students to work on a classroom required project of locating and logging the location of any drains, culverts, gully's used for water flow, within the EPA designated areas in Town and put said info into a data format. Will look at other options available such as utilizing Town employees during low work periods.	Inquired from UNH Cooperative Extension on a GIS project they were training on, but was denied.	Will continue to strive to obtain non gratis UNH students to work on locating and logging locations of drains, culverts, gully's all used for water flow within the EPA designated areas in Town. Will look at other options such as utilizing Town employees during the occasional less busy times of year.
Revised					
Revised					
Revised					

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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
4.1	Town Site Plan Regulations	Brian Boyers, Code Enforcement Officer	Continue to enforce all required methods at construction site.	Regulations were approved in 2005 and revised in 2007 and 2012. Compliance is in place.	Continue to monitor and enforce current Ordinances and rules in place.
Revised					

4a. Additions

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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
5.1	Continued monitoring of site after completion of construction.	Brian Boyers, Code Enforcement Officer	Continue monitoring and update methods as the Ordinance changes.	Because of poor economy and lack of growth rate since 2004/2005, continue monitoring as is and amend as necessary.	Continue as is.
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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
6.1 Revised	TPPA	Current President	Water testing	Water testing continues in the three pond region.	Continue water testing on a scheduled basis.
6.2 Revised	Town of Milton Transfer Station.	Patrick Smith, Public Works Director	Mandating drop-off recycling for residents has been put into place. All recycling efforts help reduce costs of hauling household garbage away.	Has been in place since late 1980's.	Continue with mandated drop off recycling.
6.3 Revised	Town of Milton recycling	Board of Selectmen	All Town Departments recycle when throwing items out to allow for as much recycling as possible.	Progress is good and recycling is in place and working well.	Continue as is.
6.4 Revised	Town of Milton Highway Department	Patrick Smith, Public Works Director	Construct a building for storage of roadway salt.	Goal completed in 2005.	Maintain building as needed.
Revised					
Revised					

6a. Additions

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) <<if applicable>>

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities
	Not Applicable.				
Revised					

7a. Additions

7b. WLA Assessment

Part IV. Summary of Information Collected and Analyzed

Continue with public education. Continue with public involvement. Continue with recycling. Strive for stenciling now that an inventory list of catch basins has been identified in the EPA designated area in Town.

Part V. Program Outputs & Accomplishments (OPTIONAL)

(Since beginning of permit coverage unless specified otherwise by a **, which indicates response is for period covering April 1, 2010 through March 31, 2011)

Programmatic

	(Preferred Units)	Response
Stormwater management position created/staffed	(y/n)	No
Annual program budget/expenditures **	(\$)	-0-
Total program expenditures since beginning of permit coverage	(\$)	-0-
Funding mechanism(s) (General Fund, Enterprise, Utility, etc)		General Fund when approved.

Education, Involvement, and Training

Estimated number of property owners reached by education program(s)	(# or %)	200
Stormwater management committee established	(y/n)	No
Stream teams established or supported	(# or y/n)	No
Shoreline clean-up participation or quantity of shoreline miles cleaned **	(y/n or mi.)	No
Shoreline cleaned since beginning of permit coverage	(mi.)	-0-
Household Hazardous Waste Collection Days		
▪ days sponsored **	(#)	1
▪ community participation **	(# or %)	1%
▪ material collected **	(tons or gal)	Gallons

School curricula implemented	(y/n)	No

Legal/Regulatory

	In Place Prior to Phase II	Reviewing Existing Authorities	Drafted	Draft in Review	Adopted
Regulatory Mechanism Status (indicate with "X")					
▪ Illicit Discharge Detection & Elimination	X	X			2005
▪ Erosion & Sediment Control	X	X			
▪ Post-Development Stormwater Management	X				N/A
Accompanying Regulation Status (indicate with "X")					
▪ Illicit Discharge Detection & Elimination					
▪ Erosion & Sediment Control					
▪ Post-Development Stormwater Management					

Mapping and Illicit Discharges

	(Preferred Units)	Response
Outfall mapping complete	(%)	0
Estimated or actual number of outfalls	(#)	Unknown
System-Wide mapping complete (complete storm sewer infrastructure)	(%)	0
Mapping method(s)		
▪ Paper/Mylar	(%)	No
▪ CADD	(%)	No
▪ GIS	(%)	No
Outfalls inspected/screened **	(# or %)	0
Outfalls inspected/screened (Since beginning of permit coverage)	(# or %)	0
Illicit discharges identified **	(#)	0
Illicit discharges identified (Since beginning of permit coverage)	(#)	0
Illicit connections removed **	(#); and (est. gpd)	0
Illicit connections removed (Since beginning of permit coverage)	(#); and (est. gpd)	0
% of population on sewer	(%)	21%

% of population on septic systems	(%)	79%
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Construction

	(Preferred Units)	Response
Number of construction starts (>1-acre) **	(#)	0
Estimated percentage of construction starts adequately regulated for erosion and sediment control **	(%)	0
Site inspections completed **	(# or %)	0
Tickets/Stop work orders issued **	(# or %)	0
Fines collected **	(# and \$)	0
Complaints/concerns received from public **	(#)	0

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	0
Site inspections (for proper BMP installation & operation) completed **	(# or %)	0
BMP maintenance required through covenants, escrow, deed restrictions, etc.	(y/n)	0
Low-impact development (LID) practices permitted and encouraged	(y/n)	Yes

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets) **	(times/yr)	1
Average frequency of catch basin cleaning (commercial/arterial or other critical streets) **	(times/yr)	0
Qty of structures cleaned **	(#)	49
Qty. of storm drain cleaned **	(%, LF or mi.)	0%
Qty. of screenings/debris removed from storm sewer infrastructure **	(lbs. or tons)	Tons
Disposal or use of screenings (landfill, POTW, compost, beneficial use, etc.) **	(location)	Transf Station

Basin Cleaning Costs		
• Annual budget/expenditure (labor & equipment)**	(\$)	\$3,750.00
• Hourly or per basin contract rate **	(\$/hr or \$ per basin)	\$75.00/basin
• Disposal cost**	(\$)	0
Cleaning Equipment		
• Clam shell truck(s) owned/leased	(#)	0
• Vacuum truck(s) owned/leased	(#)	1
• Vacuum trucks specified in contracts	(y/n)	No
• % Structures cleaned with clam shells **	(%)	0
• % Structures cleaned with vactor **	(%)	66%

	(Preferred Units)	Response
Average frequency of street sweeping (non-commercial/non-arterial streets) **	(times/yr)	1
Average frequency of street sweeping (commercial/arterial or other critical streets) **	(times/yr)	1
Qty. of sand/debris collected by sweeping **	(lbs. or tons)	Tons
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.) **	(location)	Transf Station
Annual Sweeping Costs		
• Annual budget/expenditure (labor & equipment)**	(\$)	\$2,500.00
• Hourly or lane mile contract rate **	(\$/hr. or ln mi.)	\$115.00/hr
• Disposal cost**	(\$)	0
Sweeping Equipment		
• Rotary brush street sweepers owned/leased	(#)	1
• Vacuum street sweepers owned/leased	(#)	0
• Vacuum street sweepers specified in contracts	(y/n)	No
• % Roads swept with rotary brush sweepers **	%	80%
• % Roads swept with vacuum sweepers **	%	0

Reduction (since beginning of permit coverage) in application on public land of:

("N/A" = never used; "100%" = elimination)		
▪ Fertilizers	(lbs. or %)	None
▪ Herbicides	(lbs. or %)	None
▪ Pesticides	(lbs. or %)	None
Integrated Pest Management (IPM) Practices Implemented	(y/n)	No

	(Preferred Units)	Response
Average Ratio of Anti-/De-Icing products used ** (also identify chemicals and ratios used in specific areas, e.g., water supply protection areas)	% NaCl % CaCl ₂ % MgCl ₂ % CMA % Kac % KCl % Sand	Salt used. No chemicals used
Pre-wetting techniques utilized **	(y/n or %)	No
Manual control spreaders used **	(y/n or %)	Yes
Zero-velocity spreaders used **	(y/n or %)	No
Estimated net reduction or increase in typical year salt/chemical application rate	(±lbs/l _n mi. or %)	Stays Same
Estimated net reduction or increase in typical year sand application rate **	(±lbs/l _n mi. or %)	Stays Same
% of salt/chemical pile(s) covered in storage shed(s)	(%)	100
Storage shed(s) in design or under construction	(y/n or #)	No
100% of salt/chemical pile(s) covered in storage shed(s) by May 2008	(y/n)	Yes

Water Supply Protection

Storm water outfalls to public water supplies eliminated or relocated	# or y/n	No
Installed or planned treatment BMPs for public drinking water supplies and their protection areas	# or y/n	No
Treatment units induce infiltration within 500-feet of a wellhead protection area	# or y/n	No