

Municipality/Organization: Town of Milford

APR 14 2015

EPA NPDES Permit Number: NHR041019

MaDEP Transmittal Number: W-

Annual Report Number

& Reporting Period: No. 12: April 2014-April 2015

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NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Fred Elkind

Title: Stormwater Coordinator

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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: Mark Bender

Title: Town Administrator

Date: April 13, 2015

Part II. Self-Assessment

During the reporting period from April 2014 to April 2015, Milford continued to work towards the objectives of the program. The Stormwater Committee and subgroups continued to meet as required. The Stormwater Coordinator continued responsibilities including assisting the Department of Public Works (DPW) with oversight and implementation. Meetings between the Director of Public Works and the Stormwater Coordinator were scheduled as needed--usually, several times monthly. The Stormwater Coordinator participated in Regional Stormwater Coalition activities.

The Milford Water Utilities Group continued to assist the Local Rivers Advisory Group with regular surface water sampling efforts and continues to document rainfall events.

The Milford DPW planned the continuation of the storm drain stenciling program, placing "DUMP NO WASTE DRAINS TO RIVER" stencils, replacing faded storm drain stenciling, and expanding the coverage area to include additional structures which drain to a surface water. The Town continues its program of working with car-washing event managers to assure compliance with best management practices. The Town has developed a brochure highlighting safe washing practices which continues to be made available to all businesses that sell car-washing soap, and to all entities who sign up to hold a car wash in Town. Other Public Outreach includes informational car-wash slides and educational stormwater videos that run on local public television. Code Enforcement or other members of the Stormwater Committee inspects car-washing events to make sure they are in compliance with the policy. There was significant outreach to the community through the School District SAU's office.

Milford completed identification of known outfalls within the MS4 area in 2007. Visual re-inspections and re-categorization of discharges were performed during 2010 as part of the Illicit Discharge and Detection Evaluation Program, resulting in a lower number of EPA-defined outfalls. Efforts during the 2014/2015 period included planning, design, and preliminary application for funding through the New Hampshire State Revolving Fund (NH SRF) program to potentially complete the stormwater video inspection town-wide. Unfortunately, while initially approved by New Hampshire Department of Environmental Services (NHDES) for funding, the required article failed Town Meeting vote (received popular vote but not 60% majority). During the 2013/2014 permit period, a vacuum street sweeper was leased-purchased and placed in operation. This unit continues to allow a more effective and efficient operation of the street sweeping program. The programed use of the sweeper continues to be modified to increase efficiency even further.

Animal Waste management efforts have included expansion of the dog waste management capabilities in town parks and development of a contract document for residents who keep chickens.

A draft update of the Milford Stormwater Regulation has been prepared. It is anticipated that this will be a significant work item of the Planning Board and other boards during the 2015/2016 period.

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 – 2015/2016
1	Document/Continue Existing Programs.	DPW/Rick Riendeau	Review existing programs/ prepare written documentation about changes in existing programs.	A representative from Milford continues to serve on the Local River Advisory Group (LRAG) to protect Milford's interests. The Planning and Building Departments continued to work together to coordinate, update, and revise the Stormwater Management Application, Permit and Checklist to effectively educate and guide Building Permit applicants through the Stormwater Permit process. In addition, a Stormwater Construction Brochure continues to be attached to all applicable approved Building Permits unless the project is covered by a SWMP/SWPPP. The process of issuing Stormwater Permits has been expanded to include the equivalent requirements of the Construction General Permit for all covered projects exceeding 20,000 sq.ft. of disturbance so brochures are not essential and may or may	Continue working on the compilation of the file containing outlined programs. Continue to include Stormwater Construction Brochures to all relevant Building Permits. Evaluate and seek opportunities to improve current procedures. Additional software for stormwater asset management and maintenance tracking is to be added.

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 – 2015/2016
Revised				not be included with those building permits. The Town continues to add documentation to the notebook file containing outlined programs, and tracks activities through its municipal software. Brochures have also been developed and information is distributed which cover the proper use of rain gardens as treatment devices and stormwater issues for the general public.	
2	Coordinate Public Educators.	Stormwater Committee	Organize Town employees, educators, etc. to develop for distribution materials regarding stormwater.	Staff worked with School Department to develop a revised program for 4 th graders and others. The School Department was introduced to “All the Way to the Ocean” by Joel Harper and were provided copies for each 4 th grade class, as well as a copy for the Wadleigh Memorial Library. These have served as a focal point for those classes to study stormwater sources and impacts. Also, a stormwater model was used as an educational tool with eight 4 th grade classes.	Continue distribution of stormwater educational materials/information. Stormwater educational resources are being researched with the intent to provide additional resources to the schools and the Town library.
Revised					

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 – 2015/2016
3	Coordinate Information and Program Distribution Within the School Network.	Stormwater Committee/School Department	Contact 90% of schools within the Town Reach, including grades 4 and 7 students and 10 th grade biology students – a total of approximately 500 students.	The fourth, seventh, and tenth grade teachers have continued to include the five-lesson plans in their agenda for reaching all fourth, seventh, and tenth graders in Milford. Approximately 500 students are involved. A revised program for future activities was introduced which is less dependent upon weather conditions. An indoors stormwater day was held which was conducted using DES' runoff model. The Stormwater Day concept has been altered to an in-house (Heron Pond School 4th grade) focus based upon "All the Way to the Ocean" by Joel Harper.	Continue to incorporate lessons into the regular fourth, seventh, and tenth grade yearly plan that may include an event day for the fourth grade classes. Efforts are continuing to establish an ongoing stormwater focus program for the 4 th grade which may overcome obstacles associated with a single stormwater event. An age appropriate book is being used to aid the curriculum and it is hopeful that an associated exercise will also be performed.
Revised			<i>Fourth, seventh, and tenth grade teachers have agreed to incorporate a regular program into the yearly plan.</i>		

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 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – 2015/2016
4	Create Task Committee.	DPW/Rick Riendeau	Team meets as needed to incorporate new EPA MS4 requirements	In 2013 the Stormwater Team was renamed “Stormwater Committee” and currently includes the Community Development Director, the School Department, the Fire Department and the Stormwater Coordinator. Meetings during this year were to be set for the purpose of incorporating changes to the MS4 permit. Since the new permit has yet to be released, no meetings were required.	Stormwater Committee meetings will continue as needed. Minutes will continue to be documented. The new MS4 permit is anticipated to be released in the summer of 2015 and meetings will be required.
Revised	<i>(Revised to Stormwater Committee Year 11)</i>				
5	Conduct Public Meeting/Acquire Public Input.	Planning/ William Parker	Hold Public Meeting.	The Stormwater Ordinance was revised in draft form and is to be reviewed by the appropriate town boards. Since these reviews have not yet been initiated, public meetings have not been held.	Public input will continue to be sought related to the Land Use Regulations. As the Stormwater Ordinance is revised, public input will also be sought through the public meeting process which guides the Planning Board and Board of Selectmen.
Revised					

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 – 2015/2016
6	Establish Stormwater Information Display at Major Town Events.	Stormwater Committee	Exhibit Stormwater Information Display at Town Event.	A new bulletin board was created for display at major Town events. The Community Development Department had a booth at the Souhegan Valley Expo during October 2014 in which they had a Stormwater Display Board and stormwater handouts. Also noteworthy is the approximately 20,000 slide showings on local access television. In addition to the slide showings, EPA's video "Reduce Runoff: Slow it Down, Spread it Out, Soak it In" was shown approximately 100 times.	A bulletin board or outreach displays will continue to be evaluated, updated and readied for display at major Town events as appropriate. The Board will be on display again at the Souhegan Valley Expo.
Revised			<i>Displays will be provided at "appropriate Town events"</i>		

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 – 2015/2016
7	Establish Storm Drain Stenciling/Community Cleanup Day	DPW/Rick Riendeau	Trash to be collected from public roadways throughout the year. DPW conducts a Town-wide brush pickup on and roadside debris is removed via street sweeping.	Nearly 100% of the storm drains outletting to a body of water have been stenciled. However, many of these need to be re-stenciled as a result of wear and tear and repaving activities. Milford participated in the Regional Hazardous Waste Collection Day and DPW conducted the roadside trash pickup. Milford citizens conducted a clean-up near Birch Brook during August, 2014. Milford hosted a Hazardous Waste Collection Day on May 3, 2014. Five other days were held in Nashua that were open to Milford residents. Mayflower, Tucker Brook and Rail Trail, Rotch Wildlife Preserve, and trails within Mile Slip Town Forest were cleaned in both the spring and fall by the land stewards.	Storm drain stenciling will continue as needs are identified and resources allow. Community Cleanup Days will continue with the May 9, 2015 town wide clean-up. The Town-wide brush pickup has been eliminated for 2015 due to budget constraints. Trails will continue to be cleaned and maintained by land stewards. A Hazardous Waste Collection Day is scheduled for May 2, 2015 in Milford as well as 5 other dates within Nashua.
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 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – 2015/2016
8	Map Outfalls and Receiving Waters.	DPW/Rick Riendeau and GIS Coordinator	Produce a map showing outfalls and receiving waters.	The Town invested in aerial images of the community and planimetrics developed in 2010 which were updated in 2013. The planimetrics data has been finalized and converted into GIS format. Prior ground visit data was reviewed against new information, resulting in a lower number of EPA-defined outfalls. As part of the continuing storm drain evaluation program, accuracy of the GIS continues to be assessed and improved. A Stormwater Atlas has been produced to document location of outfalls.	The maps will continue to be carefully reviewed to ensure that all pertinent outfall locations have been mapped and updated as appropriate. Stormwater video information will be utilized to supplement available outfall data. . A stormwater asset management program is being established.
Revised					
9	Evaluate Need for a Stormwater Ordinance.	Stormwater Committee	Prepare Storm Sewer (Stormwater) Ordinance for adoption.	After the required Public Hearing Process, the Stormwater Regulations were adopted with the assistance of a consultant and legal counsel on April 9, 2007 with an effective date of June 4, 2007. Enforcement Response Procedures were developed and are used as appropriate. Additional permitting guidance was produced during 2011. The Ordinance is being reviewed and redrafted.	This document will continue to be used and evaluated for areas requiring modifications. The updated Ordinance will be publically reviewed, revised and is anticipated to be re-adopted during the summer of 2015.
Revised					

10	Train Town Employees in Illicit Discharge Detection (IDD).	DPW/Rick Riendeau	Complete training document; conduct illicit discharge detection training, including information related to the hazards associated with illegal discharge and improper waste disposal.	The Town purchased training videos in 2011. Town employees attended a training session put on by the DPW including a video and lecture/question and answer session. The training program remains available in the event that new-hires or staff with changing responsibilities needs review. Reported incidents have been documented by the Illicit Discharge Reporting Form and followed up by appropriate Town personnel. The IDD program has been documented as a standard operating procedure (SOP) in the Town's stormwater management program. Staff identified two illicit discharges during the year, ordered the responsible party to cease the activity, and educated those responsible about the state, local, and federal laws.	Employees will continue to be provided with the latest available documentation related to characteristics of an illicit discharge. The training lectures and videos will be available to staff as necessary.
Revised	<i>(Modified in Year 1 to NOT utilize volunteers)</i>				
11	Develop Dry Weather Screening of Outfalls.	DPW/Rick Riendeau	Develop dry weather screening forms and document findings.	Dry weather rescreening of outfalls was performed utilizing a visual inspection system during Year 9. Additional screening is on hold until the MS4 permit is revised and new demands and schedules are understood.	This program is subject to refinement based upon the revised MS4 Permit, when issued.
Revised					

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 – 2015/2016
12	Develop System of Identifying Illicit Discharges/Initiate Program to Eliminate Them.	Fire Department, DPW/Rick Riendeau, Stormwater Coordinator / Fred Elkind	Develop plan for elimination of illicit discharges. Begin program to identify and eliminate identified illicit discharges.	The training addressed all aspects of Stormwater Pollution Prevention and identification of abnormal circumstances which may require supervisory follow-up. System is established for illicit discharge follow-up. The procedure was documented as a SOP.	Continue to emphasize illicit discharge detection and management. Acquire appropriate tools for use by the team responsible for detection and continue training, as needed. Await the revised MS4 permit for further guidance.
Revised			<i>Completion date revised proposed to be extended until December 2007.</i>		
13	Identify Magnitude of Effort to Coordinate Mapping Stormwater Discharge System.	DPW/Rick Riendeau, Stormwater Coordinator / Fred Elkind	Highlight areas of Town requiring outfall mapping effort. Once outfall areas have been identified, continue to identify “other areas” requiring mapping.	New planimetrics data has been finalized and converted to GIS format. A GIS stormwater plan has been developed. During 2014 an effort was planned to supplement the mapping with information obtained from storm system videos.	The Town will refine the data, fill in gaps, and begin to expand the stormwater mapping data beyond outfalls based upon stormwater video efforts... A stormwater asset management program is being established.
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 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – 2015/2016
14	Document Existing Programs and Expand Them As Required.	Stormwater Committee Members (as appropriate)	Review existing procedures and regulations.	New Development Regulations were adopted February 24, 2009. Zoning amendments protecting buffers were approved at the Town Meeting on March 8, 2011. A new zoning district which incorporates stormwater management was approved at the 2012 Town Meeting. Draft regulatory changes regarding BMP implementation were developed during 2014.	Continue to incorporate appropriate information into Town documents. Continue preconstruction meetings and construction monitoring of development projects. Continue technical review of stormwater plans for development activities.
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 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – 2015/2016
15	Document and Enhance Procedures for the MS4 System.	DPW/Rick Riendeau	Complete review of MS4 maintenance procedures.	There has been ongoing review of MS4 maintenance procedures. Code Enforcement is tracking post-development stormwater inspections through the MUNIS software system. Continue cataloging and assessing stormwater assets. A contractor has provided inspection and evaluation of the stormwater system and more than 9,000 feet were evaluated during 2013. Plans to expand this activity were developed during 2014.	Continue refinement of the maintenance procedures. A significant portion of the stormwater system was cleaned and evaluated by TV camera during 2013. This program will be expanded during 2015/2016. The inspection and evaluation contract will be continued with a goal of adding more than 15,000 feet to the data base.
Revised					
16	Incorporate Best Management Practices Into the Town Master Plan.	Applicable Town Departments/ William Parker	Update Town Master Plan.	The Master Plan is a working document in Milford in which chapters are updated on a rotating basis and added as necessary. In March 2008, the Board updated the Facilities Chapter including wording supporting Stormwater BMPs. The Planning Board updated the Traffic and Transportation of the Master Plan during June, 2012. The Planning Board	The Town will continue to work on economic policies as part of the Master Planning process. These policies will incorporate stormwater management.

Revised				revised the open space ordinance which incorporated stormwater provisions during 2011. The Town continues to develop an Economic Development Policy through the work of the Economic Development Advisory Committee (EDAC). The goal of EDAC is to develop and recommend an economic development policy in accordance with the goals of the Milford Board of Selectmen and Milford Master Plan which will include stormwater management practices.	

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 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – 2015/2016
17	Document and Enhance Employee Training Procedures.	DPW/Rick Riendeau	Complete review of training programs.	All highway personnel are routinely scheduled to attend T ² training at least one time per year. Program topics included Low Impact Development (LID), and drainage and stormwater management. Concepts are brought back to “other” employees. Training videos were obtained by the Town and employees are viewing the videos. Training videos have continued to be available for new employees and for updating existing employees. Fire Department personnel continue attend training for response to hazardous environmental releases.	Document existing training programs and continue support of training events. Training sessions will be held for employees as required. Additional training events are being scheduled for 2015/2016.
Revised					
18	Evaluate the Use of Pesticides, Sand, and Salt.	DPW/Rick Riendeau	Complete review of existing procedures.	There is no intentional pesticide use by the Town. Sand and salt applications are constantly under evaluation. The DPW has hired a parks manager who is trained in the application of herbicides. The Public Works Winter Maintenance Manual gives application rates; amount used varies by storm. Purchased salt allows for measurable quantities.	Evaluation of the pesticides, herbicides, sand, and salt usage is ongoing. Usage will continue to be carefully monitored. There are no plans to utilize pesticides. Upgraded equipment and procedures are intended to minimize salt/sand usage. Facilities to allow wetted ice prevention chemicals are being planned.
Revised					

6a. Former Additions

19	Perform Catch Basin Cleaning.	DPW/Rick Riendeau	Complete an annual catch basin cleaning event.	Catch basin cleaning event was completed.	Clean catch basins per schedule during 2015/2016. The effectiveness of the cleaning process will be increased by the use of the Town’s vacuum capabilities provided by the new street sweeping equipment.

20	Perform Street Sweeping.	DPW/Rick Riendeau	Complete a weekly spring/summer sweeping event.	Street sweeping was performed per schedule. Also, street sweeping occurs after special events.	Continue street sweeping per schedule during 2015/2016. A new vacuum-assisted street sweeper was leased-purchased during 2013 to increase the effectiveness of street sweeping.

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 12 (Reliance on non-municipal partners indicated, if any)	Planned Activities – 2015/2016
	Not Applicable				
Revised					
Revised					
Revised					
Revised					

7a. Additions

7b. WLA Assessment

Not Applicable

Part IV. Summary of Information Collected and Analyzed

Salt/Sand Usage Per Year			
Year	# of Storms	Salt (tons)	Sand (tons)
2003	6	366.81	855.79
2004	10	1,101.70	1,591.54
2005	15	1,312.82	2,357.65
2006	8	576.91	1,528.00
2007	11	460.73	1,116.71
2008	16	843.73	1,801.14
2009	13	749.73	1,464.50
2010	14	743.42	1,620
2011	22	1,004.34	2,500
2012	16	725	1,400
2013	21	1,067	2,500
2014/2015	31	1,524	2,550

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

Stormwater management position created/staffed – Coordinator named	(y/n)	Y
Annual program budget/expenditures	(\$)	Not Available (N/A)

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	40% ***
Stormwater management committee established	(y/n)	Y
Stream teams established or supported	(# or y/n)	Y
Shoreline cleanup participation or quantity of shoreline miles cleaned	(y/n or mi.)	N/A
Household hazardous waste collection days*		
▪ days sponsored	(#)	6**
▪ community participation	(%)	N/A
▪ material collected	(tons or gal)	N/A
School curricula implemented (initiated)	(y/n)	Y

* Regional information maintained at the Nashua Regional Planning Commission.

** Includes 5 Hazardous Waste Collection Days open to Milford Residence; however, were hosted in Nashua.

*** Education Opportunities are made available to approximately 80% of the Milford households.

Legal/Regulatory

	In Place Prior to Phase II	Under Review	Drafted	Adopted
Regulatory mechanism status (indicate with "X")				
▪ Illicit discharge detection & elimination				X
▪ Erosion & sediment control				X
▪ Post-development stormwater management				X
Accompanying regulation status (indicate with "X")				
▪ Illicit discharge detection & elimination				X
▪ Erosion & sediment control				X
▪ Post-development stormwater management				X

Mapping and Illicit Discharges

Outfall mapping complete	(%)	95
Estimated or actual number of outfalls (within urbanized area)	(#)	90 est.
System-wide mapping complete	(%)	In Progress
Mapping method(s)		
▪ Paper/Mylar	(%)	N/A
▪ CADD	(%)	N/A
▪ GIS	(%)	95% Complete
Outfalls inspected/screened	(# or %)	N/A
Illicit discharges identified	(#)	2
Illicit connections removed	(#) (est. gpd)	2
% of population on sewer	(%)	30
% of population on septic systems	(%)	70

Construction

Number of construction starts (> 1 acre)	(#)	7
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	N/A
Site inspections completed	(# or %)	23
Tickets/stop work orders issued	(# or %)	0
Fines collected	(# and \$)	0
Complaints/concerns received from public	(#)	
SWMP's reviewed		11
SWP's Issued		11

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	100%
Site inspections completed	(# or %)	N/A
Estimated volume of stormwater recharged	(gpy)	N/A

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr.)	1x/yr.
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr.)	1x/yr.
Total number of structures cleaned	(#)	1100
Storm drain cleaned	(LF or mi.)	8,000 LF
Quantity of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	Not calculated
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		Recycled
Cost of screenings disposal	(\$)	N/A

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	1x/yr ¹
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	1x/yr ¹
Quantity of sand/debris collected by sweeping	(lbs. or tons)	N/A

Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Recycled
Cost of sweepings disposal	(\$)	N/A
Vacuum street sweepers purchased/leased	(#)	Leased- Purchased
Vacuum street sweepers specified in contracts	(y/n)	N/A
Reduction in application on public land of: (“N/A” = never used; “100%” = elimination)		
▪ Fertilizers	(lbs. or %)	1x/yr minimal on athletic fields per need
▪ Herbicides	(lbs. or %)	None used by Town – minimal used by Town subcontractor on sidewalk
▪ Pesticides	(lbs. or %)	100%
Anti-/De-Icing products and ratios	% NaCl % CaCl ₂ % MgCl ₂ % CMA % Kac % KCl % Sand	37 Not used Not used Not used Not used Not used 62
Pre-wetting techniques utilized	(y/n)	Y
Manual control spreaders used	(y/n)	N
Automatic or zero-velocity spreaders used (calibrated annually – checked regularly)	(y/n)	Y
Estimated net reduction in typical year salt application	(lbs. or %)	N/A
Salt pile(s) covered in storage shed(s)	(y/n)	Y
Storage shed(s) in design or under construction	(y/n)	Y

¹ Weekly follow-up of street sweeping in downtown area.