

Municipality/Organization: Town of Sharon, MA

EPA NPDES Permit Number: MA041061

MaDEP Transmittal Number: W- 040625

Annual Report Number

& Reporting Period: No. 8: April 1, 2010-March 31, 2011

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Peter O'Cain

Title: Town Engineer

Telephone #: (781)784-1525, ext 16

Email: pocain@townofsharon.org

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: Benjamin Puritz

Title: Town Administrator

Date: 4/26/11

Part II. Self-Assessment

The Town of Sharon, Massachusetts has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions, except for the following provision:

1. Item 1.5, tributary signage was not done in 2010 but water conservation signage was installed in 2010! The water Conservation signs were part of a public education program organized and run by a hired consultant, Nancy Fyler who is a member of the Neponset River Watershed Association. Signs were designed by students as part of the Sharon Water Conservation education program. Sharon is working with Neponset River Watershed Association to add stormwater education to Ms. Fyler's activities. We have also began work on a water infiltration project with Neponset river Watershed association. We have started with a list of identified sites and should have a final choice for a water infiltration project in the next month or two.
2. The Town Engineer met with the Boy Scouts council in Sharon regarding the stream clean-up project but it was found that this type of project was not well matched to the goals of the Eagle Scout program at this time, although a troop effort is being reviewed. Items 1.2 and 2.8 for tributary clean-ups have not been addressed. It is unclear whether there is a need for tributary clean-ups in Sharon.

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 – Permit Year 9
1.1	Design and distribute S/W Educational Brochures	Assistant Town Engineer: Peter O'Cain David Masciarelli	Mailing list of homes contacted	Information on improving and reducing water use sent in water bills and maintained on town's website.	Continue to educate the public through the town website, cable TV and through water bill mailings.
Revised			All residents reached		
1.2	Recruit volunteers from mailing	Nancy Fyler Paid educator	List of volunteers	The Town has continued or education program with Ms. Nancy Fyler as a	Use our stormwater and water educator as a means of gathering

Revised				water educator in the Sharon School system. Ms. Fyler has organized a program that will include the posting of signs all over town regarding water conservation (see attached sign designs).	volunteers for volunteers for stream cleanups and continue public education projects.
1.3 Revised	Create Stormwater Hotline	Greg Meister	Done	The stormwater hotline was maintained and all calls were addressed by the Stormwater Manager (Town Engineer)	Maintain stormwater hotline and track calls and follow-up actions, as needed.
			Maintain hotline, # calls & record of follow-up actions		
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 – Permit Year 9
1.4	Educate students	Teachers, conservation agent	Unknown	The Town has hired Ms. Nancy Fyler as a stormwater educator in the Sharon School system. Ms. Fyler. Has taught students water conservation, water infrastructure and has organized a program that will include the posting of signs all over town regarding water conservation (see attached sign designs)	Continue education component with Ms. Fyler. Use our new water/ stormwater educator as a means of gathering volunteers for stream cleanups and continue public education projects. The DPW will install signs that are currently being fabricated at Atlantic Sign company.
Revised	Stormwater Awareness Education for Students		Lesson plan developed, # students taught		
1.5	Create tributary signage	Bill Petipas: Highway Supervisor	Signs being made	10 water conservation signs were installed all over Sharon in 2010. Tributary signs will have yet to be posted at the main tributaries in town: The signs will include the name of the tributary and information regarding protection of the water body and watershed.	Post signs by 2012.
Revised			Signs posted at all named tributaries		

1a. Addition.

1.6	Develop stormwater web site	Peter O'Cain: Assistant Town Engineer	Add a stormwater page to town's existing web site by spring 05	Stormwater page (in water department area of website) has been maintained and updated periodically with new topics and additional stormwater education resources.	Maintain the stormwater page and update periodically with new topics and additional stormwater education resources.
Revised	Develop & Maintain Stormwater Web Site		Update annually & record # of hits (if feasible)		

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 – Permit Year 9
2.6 Revised	Encourage public participation through adverts and brochures	Peter O'Cain Dave Masciarelli	Make 5000 brochures and send out in water bills	A copy of the brochure was maintained on the website (refer to BMP s 1.1 & 1.6) and notices were included on the Town's cable TV station throughout the year. The brochure encourages volunteer participation and lists activities.	Maintain brochure and notices on cable to encourage public participation. Work with our water educator will continue in 2011 and 2012.
2.7 Revised	Stencil storm drains	Volunteers/ Highway Dept.	Stencil of town's catch basins that feed impaired waterways # drains stenciled	Approximately 50% of storm drains in Town have been stenciled. Town Engineer is working with an Eagle Scout candidate to continue stenciling project. An intern has been hired for summer 2011 to continue work as well.	Continue to stencil storm drains in high priority drainage areas, as possible. Intern money has been allotted for the summer of 2011.
2.8 Revised	Organize Community clean-ups of tributaries.	Greg Meister	At least one clean up per year. Amount of debris removed	No significant progress occurred on this task due to the lack of success in recruiting volunteers. We hope to gain volunteers through the new education program in the schools.	Organize a cleanup activity based on the progress of BMP 2.6. Seek help from Boy Scouts and other groups in Town such as students at local schools. Use water conservation programs to minimize watering, fertilization and use appropriate car washing techniques to minimize polluted and excessive runoff.
2.9 Revised	Residents assist with by-law enforcement.	Volunteers Peter O'Cain	Residents report violations. # calls & record of follow-up actions	Call regarding Bella Estates subdivision were placed. Town engineer and Conservation Agent worked with developer on mitigation measure implementation schedule.	Follow-up on mitigation measure schedule progress for Bella Estates. Log and track enforcement/ follow-up actions.
2.10	Initiate "adopt a drain" programs/stream monitoring	Volunteers	Record number of drains adopted.	The Town has completed dry weather outfall monitoring program has not identified dry weather outfall flows first	Multiple streams will be monitored for flow and water quality. We will continue to support existing stream/

Revised				identified as being possible risks. Follow-up inspections during dry weather did not reveal outfall flows at sites initially identified.	lake monitoring programs and track progress, as well as provide support as staff time and budget allows. Use data collected for illicit discharge identification to perform further water quality tests and identify sources of illicit discharge, if present.
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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 – Permit Year 9
3.11	Storm water management and illicit discharge by-law.	Peter O’Cain	Town adopts by-law prohibiting non-sw discharges.	An illicit discharge prohibition by-law was previously approved at the October 2004 Town Meeting. Applications were reviewed and approved in accordance with the by-law. No new connections or enforcement actions occurred in 2009 or 2010 to date.	Continue to enforce the by-law and record corrective actions. Continue to review applications for new connections.
Revised					
3.12	Develop storm sewer map with outfalls.	April Forsman Peter O’Cain	Map of MS4 outfalls.	The drainage system map was updated in past years and entered into a GIS database. All outfalls, catch basins and manholes have been mapped using a GPS and are on the town GIS system. All outfalls were dry weather monitored.	Continue to update the drainage system map based on new information and the results of BMPs 3.14 and 3.15. Any illicit discharge locations will be added to the map database. Water quality tests will be performed on outfalls that flow in dry weather, as identified.
Revised					
3.13	Develop plan to detect and address non s/w discharge.	Greg Meister	Plan developed	We have hired an intern for inspecting outfalls for dry weather flows and none were found to be flowing in subsequent inspections.	Our intern will revisit outfalls for dry weather flows. Any with dry weather flows will be tested for water quality. Actions to determine sources of dry weather flows will be sought out, if water quality does not meet EPA and DEP water quality requirements.
Revised	Develop a Work Plan for Illicit Discharge Detection & Elimination		Record of field inspections		

3.14	Identify and document illicit outfalls.	Con Com, volunteers DPW	Keep record of suspected sites.	No new information regarding dry weather outfall flows were observed for the summer of 2010.	If outfall dry weather flows are found, the Town will attempt to identify the source of flows.
Revised					
3.15	Monitor accomplishment of goals of reducing illicit discharge.	Peter O'Cain	Create spreadsheet with goals and percentage completed.	Dry weather discharges have been identified and reinspected and found not to flow upon subsequent inspection.	Continue to identify non-stormwater discharges and determine whether they pose a risk to surface waters. Permit connections as appropriate and document enforcement actions for illicit discharges. Identify dry flow discharges and determine source of water and the water quality.
Revised					
Revised					

3a. Additions

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 – Permit Year 9
3.16	Address non-storm discharges or flows, such as landscape irrigation, car washing and street wash water.	Peter O'Cain	Posted ways to reduce the impact of these activities on Town website and water bill mailings in year one.	Methods to address impacts from non-stormwater discharges were continued to be posted on the Town website (see water Department page).	Continue program and incorporate illicit discharge information into existing public education avenues. Stormwater educator will discuss these issues with students in 2011 and 2012.
Revised					

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 – Permit Year 9

4.16	Include E&S BMP's/req's in all applicable town regulations.	Planning, zoning, Con-com, Peter O'Cain	Regs modified and accepted by all applicable boards.	Section 3.3.2.21 of the Land Subdivision Rules and Regs of the Planning Board requires E&S plan. Also lot drainage section 4.5.3 refers to NPDES standards. The previously adopted Construction Activity By-Law addresses the Phase II requirements for any disturbance over 1 acre. Enforcement was continued in 2010.	Continue to enforce regulations and improve if needed.
Revised					
4.17	Include construction E&S plan as part of review.	Planning, Zoning, BOH.	Approval of modified regulations.	Planning Board requires E&S plan and includes in review. Zoning by-law section 3340. The previously adopted Construction Activity By-Law addresses the Phase II requirements for any disturbance over 1 acre. Article 38 of the General By-Laws requires a complete stormwater erosion control plan and an operation and maintenance plan. All permits must go through a public hearing process.	Continue to enforce requirements.
Revised					
4.18	Inspect site for E&S problems	Greg Meister Conservation Agent	Record Inspections and enforcement issues	Conservation Agent and Town Engineer inspected all developments and construction projects over 1 acre for erosion and sedimentation control. Town Engineer also checks these items on a daily basis. .	Continue to enforce requirements and document follow-up actions.
Revised					
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 – Permit Year 9
4.19	Create sanctions to ensure compliance with E&S req's	Con-Com, Board of Selectmen, Town Engineer	List of sanctions approved by Town.	The current comprehensive by-law (articles 37 and 38) includes sanctions and fines	Enforce sanctions as required.
Revised					
4.20	Include construction site runoff on stormwater hotline	Residents/ Volunteers	Established hotline with phone records.	Continued to advertise the hotline using existing public education avenues.	Continue to monitor hotline and advertise through existing education avenues – website primarily.
Revised					

4a. Additions

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities – Permit Year 9
4.21	Create procedure to receive and consider information submitted by the public and include requirements for the construction site operators to control waste such as discarded building materials.	Peter O’Cain	The Town passed the construction activity by-law that requires a public hearing be held for stormwater plans submitted on lots that will have more than an acre of disturbed area. The by-law requires a SWWP that addresses construction wastes of all kinds.	Stormwater Discharges Generated by Construction Activity By-Law approved in October 2004. Approved by Attorney General in January of 2005. Public hearings were held for permit application during the permit term.	Continue to enforce Stormwater Discharges Generated by Construction Activity By-Law.

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 – Permit Year 9
5.21	Planning Board/Con-Com regs, BMP for runoff control +1 acre	Planning Board, Con-Com: Greg Meister	Passed new Construction Activity General By-Law to address sites that are disturbed over 1 acre.	Construction Activity General By-Law passed and approved at October 2004 Town Meeting. By-Law requires a public hearing and requirements for post-construction stormwater management inspection and maintenance.	Enforce By-Law when required.
Revised					
5.22	Require operation and maintenance plans for ret/det basins	Peter O’Cain Greg Meister	Include plan requirement in Planning regs and maint fee.	Amendments to the Planning Board regulations have yet to be passed regarding detention and retention basin fees. O&M Plans for BMPs are	Enforce new regulation requiring payment for every foot of detention basin to be built. Funds to be used for basin maintenance, as needed.

Revised				required for all lots with over an acre of disturbance as part of the Construction Activity By-Law. The Planning Board regulation will require a maintenance fee based on the size of the detention basin to be built. Town Engineer and Planning Board still actively working on regulation changes.	
5.23	In addition to BMP's develop community BMP's	Peter O'Cain Greg Meister	Make a list of community BMP's, if any.	The Planning Board is working on a low impact development requirement for the Planning Board Regulations as a step towards minimizing runoff of stormwater from new developments. PSC of Foxboro will be assisting the Board with rewriting the regs to accommodate LID requirements.	The DEP guidelines list numerous BMP's that are used for 80%TSS removal. The Town will continue to require infiltration through basins, swales, infiltrating catch basins, roof runoff infiltrators and tree gardens. A formal LID guideline will be worked on in 2011 and we hope to have in regs by 2012.
Revised	BMP Manual				
5.24	If community BMP's desired, add to appropriate regulations	Planning, Zoning, Con- Com Boards/ Town Engineer	Additions to appropriate regulations.	None yet but being discussed. See 5.23.	Community BMP plan not clear but General By-Laws and proposed Planning Board Regulation changes should address all erosion and sedimentation control issues.
Revised					

5a. Additions

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities – Permit Year 9
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5.25	Zoning that encourages low impact development.	Peter O'Cain	Zoning that encourages low impact development	The Town of Sharon approved 40R and 43D districts in 2009. The Sharon Commons area off South Main Street and the Post office Square area in downtown Sharon. A memorandum of understanding has been approved for the 40R districts and construction should begin in the next two years. Redevelopment of the former Charles Wilber High School has resulted in the creation of 75 apartments near the town center and near the train station. This development re-used an old school building and allows for walking access to the train station. The project minimizes sprawl, utilizes a historic abandoned building and created almost no site runoff.	Work on writing new low impact development regulations within the Planning Board Rules and Regulations for new subdivisions. The Economic Development Committee has been working with the MAPC and planning consultants for new smart growth development in Post Office Square. The first and second phase and of planning has been completed and future plans are not yet known but we will continue smart-growth development for Post office Square, if possible.
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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 8 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 9
6.25	Develop municipal operation and maintenance plan.	Superintendent of public Works: Eric Hooper	Completed plan.	Tibbetts Engineering has written a municipal O&M plan. See attached document.	Plan will be finalized and implemented in 2011-2012.
Revised					
6.26	Implement operation and maintenance plan w/schedule.	Highway Dept/Bill Petipas	Maintain records of maintenance compliance.	Catch basin records of maintenance now being kept.	Continue to keep records of catch basin cleaning and begin implementing Operation and maintenance Plan in 2011-2012.
Revised					
6.27	Use E&S controls for road repairs.	Highway Dept: Bill Petipas Con-Com: Greg Meister	Record work and erosion controls taken	All roadway work is assessed by the Conservation Agent and Town Engineer for erosion issues. Work is silt fenced and hay baled as needed.	Continue to use erosion and sedimentation controls as needed and file for construction general permits for work over 1 acre.

Revised				Any work over 1 acre has a NPDES construction permit filed. All town projects were reviewed for E&S requirements and BMP's were implemented as approved.	
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 – Permit Year 9
6.28	Fill Drains in areas of equipment cleaning or work	Highway Dept: Bill Petipas	Drains covered or filled in.	All drains were previously covered or filled in.	None
Revised					
6.29	Clean catch basins on regular schedule	Highway Dept: Bill Petipas	Maintain record of cleaning	Half of the catch basins in town were cleaned this year and records were kept by the DPW. Additional funding was not available to clean more structures; however, the Town evaluated the potential to use GIS data and catch basin cleaning data to prioritize cleaning efforts.	Awaiting new DEP permit requirements on catch basin cleaning. Will continue current schedule until new Phase II permit is issued.
Revised					

6a. Additions

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 – Permit Year 9
6.30	Construct Vehicle wash building with recycling wash system to eliminate pollutants from entering groundwater.	Peter O'Cain Assistant Town Engineer	Construct building and utilize for vehicle washing	The new vehicle wash building was maintained to ensure proper use for vehicle washing activities.	Utilize and maintain wash building, as needed
6.31	Added employee training to operation and maintenance plan requirements	Peter O'Cain	Operation and maintenance plan includes employee training component.	Plan was recently completed, so education was not implemented.	Employees will be educated in 2011.
Revised			Training attendance sheet		

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 – Permit Year 9
7.30 Revised	Utilize list of impaired bodies as a basis for areas to study	Town Engineer: Peter O’Cain	Determine how to reduce causes of impairment.	Sharon has been identified as having only high bacterial levels related undoubtedly to septic system flow to groundwater.	Use dry flow outfalls to identify locations of illicit discharges and test the water quality of those discharges. Educate public through website on septic system maintenance, especially regular pumping. Start infiltration remediation program with Neponset river watershed Association.
7.31 Revised	Set up plan utilizing outfall mapping to reduce impairment	Town Engineer: Peter O’Cain	Written plan	Outfall locations have been mapped on GIS.	See 7.30
7.32 Revised	Ensure WLA met by stormwater BMP’s	Superintendent of Public Works: Eric Hooper	Determine if additional BMP’s needed.	No dry weather outfalls identified on subsequent inspections.	Use dry weather flow outfalls and other data collected to begin water quality testing in summer 2011, if needed. Intern hired for task.
7.33 Revised	Reduce pollutant discharges coming through MS4	Conservation Agent: Greg Meister/Town Engineer	Inspect water for reduction in turbidity, increase in DO	Used catch basin cleaning and roadway sweeping program to reduce turbidity and reduce pollutants.	Use catch basin cleaning and roadway sweeping program to reduce turbidity and reduce pollutants. Implement the recommendations from BMP 7.32 and use water sampling to compare water quality from year to year as budget allows. Use dry flow outfalls to identify areas of illicit discharge and perform water quality testing in those areas.

7a. Additions

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 – Permit Year 9
7.31A	Set up plan using outfall mapping to reduce impairment	Peter O’Cain	Adjust mapping as direct connection data is collected from applications submitted related to the Illicit Discharge By-Law and through catch basing cleaning process.	Outfall and direct connection information was updated on the Town drainage map and GIS system as direct connection permits were reviewed and approved. All outfalls, catch basins and manholes are on the Town GIS system.	Continue to update mapping as appropriate.

7b. WLA Assessment

The Town is working on reducing loads to streams through strict enforcement of our Illicit Discharge and Construction Activity By-laws. The Construction Activity By-Law in combination with strict enforcement of soil and erosion control plans will help reduce the TSS entering the town waterways. Planning Board Regulations and the two new by-laws require strict compliance with all Mass DEP stormwater regulations and water quality regulations.

Our catch basin cleaning contractor (Truax) will be indicating catch basins that are high in sediment levels, so that they can be cleaned on a more frequent schedule, which is expected to maximize the efficiency of sediment removal in the basins and minimize flow to receiving waters.

As discussed in the BMPs listed above, the next steps for addressing TMDL waters is to collect samples at the dry weather flow outfalls, if any found. If so, try to determine the source of the water. The DPW has hired a summer intern that will collect samples and bring them to a lab. A spreadsheet of the outfall testing results will be generated. The outfalls that have dry weather flow have been identified and mapped (see attached spreadsheet and map).

Part IV. Summary of Information Collected and Analyzed

The Town has completed its stormwater drainage system mapping of outfalls. Dry weather observation of all outfalls will be performed and water testing will proceed again in the summer of 2011, if dry weather outfall flows found.

Part V. Program Outputs & Accomplishments (OPTIONAL)

Programmatic

Stormwater management position created/staffed	(y/n)	Y
Annual program budget/ expenditures	(\$)	

Education, Involvement, and Training

Estimated number of residents reached by education program(s)	(# or %)	8,000 water bill, website, cable, school education
Stormwater management committee established	(y/n)	N
Stream teams established or supported	(# or y/n)	N
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	N
Household Hazardous Waste Collection Days		Y
▪ days sponsored	(#)	1
▪ community participation	(%)	?
▪ material collected	(tons or gal)	Approx 500 gallons of chemicals and we accept TV's, computers, printers, batteries, tires
School curricula implemented	(y/n)	Yes

Legal/Regulatory

In Place
Prior to Under

	Phase II	Review	Drafted	Adopted
Regulatory Mechanism Status (indicate with “X”)				
▪ Illicit Discharge Detection & Elimination				X
▪ Erosion & Sediment Control	some			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	(%)	100
Estimated or actual number of outfalls (see attached spreadsheet)	(#)	237
System-Wide mapping complete	(%)	100
Mapping method(s)		
▪ Paper/Mylar	(%)	100%
▪ CADD	(%)	
▪ GIS	(%)	100%
Outfalls inspected/screened	(# or %)	
Illicit discharges identified	(#)	No consistent dry weather flows found.
Illicit connections removed	(#) (est. gpd)	None-preexisting sump pumps or foundation drains.
% of population on sewer	(%)	Less than 1%

% of population on septic systems	(%)	99%+

Construction

Number of construction starts (>1-acre)	(#)	Wilber School
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	100
Site inspections completed	(# or %)	Too many to count
Tickets/Stop work orders issued	(# or %)	2 Conservation Commission issued for wetland destruction on Eisenhower Drive and Norwood Street
Fines collected	(# and \$)	0
Complaints/concerns received from public	(#)	6

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	100
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Site inspections completed	(# or %)	Not sure
Estimated volume of stormwater recharged	(gpy)	?

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	½ of town per year
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	“ “
Total number of structures cleaned	(#)	1500
Storm drain cleaned	(LF or mi.)	1200
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	
Disposal or use of sweepings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)	truck to asphalt plant	
Cost of screenings disposal	(\$)	

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)	1.5/year
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)	1.05
Qty. of sand/debris collected by sweeping	(lbs. or tons)	
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)	Asphalt plant
Cost of sweepings disposal	(\$)	
Vacuum street sweepers purchased/leased	(#)	
Vacuum street sweepers specified in contracts	(y/n)	

Reduction in application on public land of: (“N/A” = never used; “100%” = elimination)		
▪ Fertilizers	(lbs. or %)	100%

▪ Herbicides	(lbs. or %)	0
▪ Pesticides	(lbs. or %)	0

Anti-/De-Icing products and ratios	% NaCl	50
	% CaCl ₂	0
	% MgCl ₂	0
	% CMA	0
	% Kac	0
	% KCl	0
	% Sand	50
Pre-wetting techniques utilized	(y/n)	N
Manual control spreaders used	(y/n)	Y
Automatic or Zero-velocity spreaders used	(y/n)	Y
Estimated net reduction in typical year salt application	(lbs. or %)	0
Salt pile(s) covered in storage shed(s)	(y/n)	Y
Storage shed(s) in design or under construction	(y/n)	Completed