

Municipality/Organization: Town of Acton

EPA NPDES Permit Number: MAR041238

MaDEP Transmittal Number: W-

**Annual Report Number
& Reporting Period:**

Year 13, April 2015 – March 2016

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2016)

Part I. General Information

Contact Person: Corey York

Title: DPW Director

Telephone #: (978) 929-6471

Email: cyork@acton-ma.gov

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: Steve Ledoux

Title: Town Manager

Date: May 1, 2016

Part II. Self-Assessment

During the 2015-2016 permit year the Town of Acton continued to implement tasks similar to those outlined in the 5-Year Plan under the 2003 NPDES Small Municipal Separate Storm Sewer Systems MS4 permit. The majority of the specific tasks that the Town identified in its 5-Year Permit were completed in the prior periods; however, ongoing operations and maintenance activities continue to be performed. One significant accomplishment in this permit year was the adoption of a Stormwater Management and Erosion & Sediment Control bylaw at the special town meeting in November 2015.

All of the BMPs that were modified, completed or still waiting completion during the 2014-2015 permit period are listed within Table III, which follows this summary.

The Water Resources Advisory Committee completed the difficult task of developing a Stormwater Management and Erosion & Sediment Control bylaw. Numerous public meetings were held to ensure that the bylaw was in alignment with the stormwater issues and concerns relevant to Acton. The bylaw was adopted by Town Meeting in November 2015. This new bylaw is Chapter X of the General Bylaws of the Town of Acton.

Acton continues to permit all commercial and industrial properties regulated by Chapter U, "Discharges to the Municipal Storm Drain System." Annual permits are now being issued to these properties and fees from those permits are being used to fund stormwater monitoring. This next year the process of identifying and permitting residential properties will begin.

For the 11th year Acton participated in the SuAsCo Watershed Community Council's Stormwater Community Assistance Program. This year the product provided master copies of the all new Stormwater Matters Residential Flyer, Master copies of the all new Stormwater Matters Business Flyer, Large mounted aerial photo map highlighting waterways, town boundaries and watershed borders and CD's of Stormwater Matters Programs.

It should be noted that the Doug Haley, Acton's Health Director of more than 20 years and the main driver behind Acton's stormwater compliance efforts, retired at the end of 2015. Stormwater compliance moving forward will be a coordinated effort between the Engineering and Land Use departments.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
PE-1 Revised	Partner w/Local Organization	Board of Health Health Director	Provide financial contribution/ Partner with SUASCO Community Assistance Program	Continued commitment of participation in the SUASCO Watershed Community Council's "Stormwater Community Assistance Program" for Stormwater Phase II Permit Year 13 from April 2015 to March 2016.	Continued commitment of participation in the SUASCO Watershed Community Council's "Stormwater Community Assistance Program" for Stormwater Phase II Permit Year 14 from April 2016 to March 2017.
PE-2 Revised	Provide Stormwater Information Display	Board of Health Health Director	SUASCO Community Assistance Program Provides public display	Place display in public areas and at public meetings.	SUASCO will provide an updated media tool kit.
PE-3 Revised	Provide CMMCP Information Display	Board of Health Health Director	Central Massachusetts Mosquito Control Project Provides public information display	Place display in the lobby of the Town Hall and provide additional material to the Town Clerk and Health Department Offices.	Continue Information Program with CMMCP detailing wetland mitigation efforts.
PE-4 Revised	Provide Stormwater Presentation	Board of Health Health Director	SUASCO Community Assistance Program Provides Stormwater Powerpoint Presentation	Place Powerpoint presentation on the Town's website and Cable channel rotation.	SUASCO will provide an updated media tool kit.
PE-5 Revised	Provide Innovative Reports to the public	Board of Health Health Director	Division of Ecological Restoration (DER) Innovative Program	Distribute 2014 Annual Impact Report regarding Dam Removals and innovative ways to restore stream flow	DER will provide a 2015 Annual Impact Report

2a. Additions

PE-6 New	Catch Basin Labeling	Board of Health Health Director	Label all catch basins	New goal: work with Eagle Scout or community organization to label all catch basins in town	Recruit volunteers and provide epoxy and vinyl signs for labeling catch basins with Stormwater Matters messaging
-------------	----------------------	------------------------------------	------------------------	---	--

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
PP-1 Revised	Partner with Local Organization	Board of Health Health Director	Provide stormwater information with SUASCO	SUASCO website now includes Acton stormwater Bylaw summaries.	Continue commitment to participate in the SUASCO for Storm Water Phase II Permit Year 13 from April 2016 to March 2017.
PP-2 Revised	Organize Public Presentations	Board of Health Health Director	Use OARS Nashoba Brook stormwater information at public meetings	Participated at a variety of public meetings using material from OARS regarding Nashoba Brook	Continue to schedule and participate in Stormwater presentations.
PP-3 Revised	Intra-Community cooperation and participation	Board of Health Health Director	Promote Stormwater Management Program	Acton Stream sign program adopted by other communities in the Assabet watershed.	Continue to work with other communities for promoting the Stormwater Management Program.
PP-4 Revised	Inter-Community cooperation And participation	Board of Health Health Director	Partner with the Acton Stream Team	Promoted and supported the 19 th Annual Acton Clean Up Day	Continue to promote and support the Annual Acton Clean Up Day
PP-5 Revised	Regulation Education effort	Board of Health Health Director	Present Discharges to Storm Drain System Bylaw to citizens	Worked with the OARS in developing and promoting Stormwater goals and regulations.	Continue the public education effort for additional bylaws focused on erosion and sediment and post-construction development.
PP-6 Revised	Intra-Community cooperation and participation	Board of Health Health Director	Work with watershed partner in promoting Stormwater activities	Promoted and supported the Division of Ecological Restoration 2011-2016 Strategic Plan	Continue to promote and support the Division of Ecological Restoration programs.

2a. Additions

PP-7 New	Catch Basin Labeling	Board of Health Health Director	Label all catch basins	New goal: work with Eagle Scout or community organization to label all catch basins in town	Recruit volunteers and provide epoxy and vinyl signs for labeling catch basins with Stormwater Matters messaging
-------------	----------------------	------------------------------------	------------------------	---	--

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
ID-1 Revised	Clean Watershed Needs	Board of Health Health Director	Identify areas where stormwater issues Need to be addressed	Continued the review and implementation of appropriate measures as noted in Woodard & Curran's Clean Watershed Needs Report (2008-2027)	Continue the evaluation and prioritization of the recommendations of the Clean Watershed Needs Report
ID-2 Revised	Develop monitoring programs in conjunction With local watershed organizations	Board of Health Health Director	Team with the Organization of the Assabet River	Continued financial support with OAR to sample, analyze and report two sampling sites on the Assabet River and Nashoba Brook	Continue with the financial support of OAR
ID-3 Revised	Address Illicit Discharge Related to Non-profit car wash events	Board of Health Health Director	Permit and inspect stormwater discharges	Permit all commercial properties with stormwater discharges to the public way and inspected each. 198 properties in total.	Continue to permit and inspect commercial discharges to the public way
ID-4 Revised	Identify and prioritize locations with Potential illicit discharges	Board of Health Health Director	Use GIS to correlate risk properties With protected resources	Inspected facilities with 25 gallons or 25 pounds of hazardous materials. 134 properties in total.	Continue inspection of hazardous material/waste storage facilities
ID-5 Revised	Develop stormwater permitting program	Board of Health Health Director	Permit all properties with direct or indirect Discharges to the town's stormwater system	Use GIS to identify and permit properties that fall under the requirements of Chapter U of the Town's Bylaws.	Continue identifying and permitting properties that fall under the requirements of Chapter U of the Town's Bylaws.
ID-6 Revised	Develop a stormwater monitoring program	DPW DPW Director	Hire interns to locate drainage infrastructure	VHB completed GIS map of drainage system and installed ESRI apps on iPads to field check data.	Continue to work with student interns in developing a stormwater monitoring program.

3a. Additions

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
CS-1 Revised	Develop and implement watershed regulatory strategy	Board of Health Health Director	Prioritize recommendations of The regulatory improvement plan	Continued implementation of the prioritized elements of the regulatory improvement plan	Continue implementation of the prioritized elements of the regulatory improvement plan
CS-2 Revised	Analyze impacts of stormwater bylaw	Board of Health Health Director	Created GIS maps	Create GIS maps showing properties that would be impacted by each requirement of the stormwater bylaw	Continue to analyze the impacts of the stormwater bylaw
Revised					
Revised					
Revised					
Revised					
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 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
PC-1	Develop/Implement protection for	Board of Health	Develop and implement Town Rules & Regs	Public hearing held by the Water Resource Advisory Committee (WRAC) on September 30, 2015.	Develop regulations and fee structure for Chapter X, Stormwater Management and Erosion & Sediment Control Bylaw
Revised	Pre and Post Construction	Health Director	For Pre and Post Construction	Town Meeting adopted additional Stormwater Bylaw November 2015.	
PC-2	Develop/ Implement protection for	Board of Health	Publicly present Town Rules and Regs	Public hearing held by the Water Resource Advisory Committee (WRAC) on September 30, 2015.	Develop regulations and fee structure for Chapter X, Stormwater Management and Erosion & Sediment Control Bylaw
Revised	Pre and Post Construction	Health Director	For Pre and Post Construction	Town Meeting adopted additional Stormwater Bylaw November 2015.	
PC-3	Develop/ Implement protection for	Board of Health	Develop and implement Town Bylaw	Public hearing held by the Water Resource Advisory Committee (WRAC) on September 30, 2015.	Develop regulations and fee structure for Chapter X, Stormwater Management and Erosion & Sediment Control Bylaw
Revised	Pre and Post Construction	Health Director	For Pre and Post Construction	Town Meeting adopted additional Stormwater Bylaw November 2015.	
Revised					
Revised					
Revised					

5a. Additions

6. Pollution Prevention and Good Housekeeping in Municipal Operations

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
GH-1 Revised	Improvements	Public Works Director Health Director	Upgrade stormwater infrastructure	Install culverts, berms and catch basins to upgrade the stormwater system	Continue the upgrade of the storm water system
GH-2 Revised	Audit Current Town Facilities	Public Works Director Of Public Works	Audit wastewater facilities impact to Abutting Assabet River	Wastewater Treatment Facility conducted annual Slope, Stability & Erosion Report and Wetlands Monitoring Report.	Wastewater Treatment Facility will continue annual audit and submit a report.
GH-3 Revised	Operation and Management Program	Public Works Director of Public Works	Upgrade stormwater mapping	Hired VHB with grant funding to complete GIS stormwater layer and build ESRI app for field-checking data and logging inspections.	Continue to upgrade data and maps of stormwater system
GH-4 Revised	Stream and Wetland Management	CMMCP	Ensure clear waterways and removal of debris from wetlands	CMMCP contracted to visually inspect streams and wetlands and remove debris from wetlands and streams.	Continue stream and wetland management.
GH-5 Revised	Stream and Wetland Management	Public Works Director	Prepare for new NPDES Permit	Participate in public review process of NPDES MS4 permit, provide comments and develop implementation plan	File NOI within 90 days of final MS4 permit
GH-6 Revised	Storm Water System Identification	Board of Health Health Director	Identify wetlands or ponds under stress from stormwater impacts	Remove invasive water chestnuts from Robbins Mill Pond and Ice House Pond	Continue to identify wetlands, ponds and streams that are under stress from stormwater impacts.

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 13 (Reliance on non-municipal partners indicated, if any)	Planned Activities
TMDL-1	Check Current Impairment List.	Board of Health	There are no completed studies for receiving waters in Acton.	Monitored the CWRMP/MEPA process of Assabet communities.	Check list annually to determine new implementation requirements.
Revised		Health Director			
Revised					
Revised					
Revised					
Revised					
Revised					

7a. Additions
