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Municipality/Organization: Town of Somerset, MA

EPA NPDES Permit Number: MAR041159

MaDEP Transmittal Number: W035563

**Annual Report Number
& Reporting Period:** No. 14: April 1, 2016 – March 31, 2017

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Richard M. Brown **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: 

Printed Name: Richard Brown

Title: Town Administrator

Date: _____

Part II. Self-Assessment

The Town had developed a Stormwater Management Plan with program priorities for 2003-2008 including:

1. Achieving regulatory compliance, particularly EPA and DEP Phase II NPDES permit requirements;
2. Incorporating storm water protection measures into municipal activities;
3. Focusing activities on target pollution reduction (e.g. Section 303.d. waters and protecting the Town's water supply);
4. Ensuring that the Program is current and innovative; and
5. Providing Program administration.

The Water Quality Stewardship element of the program has focused on the protection of the local water supply and addressing the State's Section 303.d waters located within the Town. To this end, staff will continue to develop and improve the Program activities to reduce storm water pollution to the maximum extent practicable and eliminate prohibited non-storm water discharges, while facilitating understanding and involvement in storm water management by various Town departments. Program priorities will also focus on increased efforts to reduce target pollutants and restore local water bodies.

The Town is committed to working with local watershed associations and local businesses to advance their goals and objectives. Another high priority of staff will be to keep abreast of the latest technology and approaches to achieve storm water management. Program activities will also strive to encourage environmental stewardship and continue to build on partnerships with other agencies, neighboring towns, and the community for active participation in accomplishing the Program mission.

The activities performed during Permit Year Fourteen focused on continuing cleanup of the Town's infrastructure (street sweepings/catch basin cleanings), encouraging volunteer efforts on shoreline cleanup (Clean the Bay), and rehab of existing Town MS4 infrastructure. The Town also performed a Gap Analysis of their MS4 program to provide information regarding what the Town is currently doing related to compliance with the MS4 Permit and recommendations to enhance their existing program to meet requirements of the new MS4 Permit.

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 14	Planned Activities – Permit Year 15
1.a.	Air Stormwater message on cable, two weeks quarterly	Planning/GIS Staff	# messages aired; # weeks aired	<ul style="list-style-type: none"> Established stormwater messaging via cable access TV. 	<ul style="list-style-type: none"> Continue stormwater messaging via cable access; achieve a minimum of four messages; 8 weeks air time, in Year 15.
1.b.	Add Stormwater Information to web site	Administrator's Office/Planning /GIS Staff	Include SWMP, general information, and links	<ul style="list-style-type: none"> Town website completed major structural re-design . Stormwater updates, SWMP, etc. will be posted to the Highway Department and Conservation Commission links once this process has been completed. 	<ul style="list-style-type: none"> Reestablish information and links. Amend site to include mechanism to count number of visitors to web site. Track # hits/visitors to Stormwater information.
1.c.	Distribution of posters, plan, and informative literature to various departments	Conservation Commission	Distribution of materials to Town Hall	<ul style="list-style-type: none"> Posters and plan displayed in Town Hall (outside Conservation Commission, Building, Planning and Board of Health Office) and Library “No Pollution” Signs at the following boat access locations: Broad Cove, Somerset Waterfront Park and Mallard Point Advance publicity for “Clean the Bay” cleanup of the Taunton and Lee Rivers completed in Spring 2016. Community Cleanup Day held on April 22, 2016. 	<ul style="list-style-type: none"> Information will remain on display.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 14	Planned Activities – Permit Year 15
1.d.	Inform Residents of Town’s recycling programs and household hazardous waste.	Administrator’s Office/Fire Department/S. Jepson	Distribute information to all residents by web site and cable access. Track # Visitors to web site; # messages/airtime on cable access. Due to current budget climate, delete direct mailing.	<ul style="list-style-type: none"> Information packets issued to new residents by Town Hall to promote curbside recycling (contracted to Allied Waste). 	<ul style="list-style-type: none"> Continue to issue information packets, and update web site information and accessibility. Include mechanism to track # hits/visitors to website Work with Administrator’s office and Web Administrator to reformat web site to improve visibility and accessibility of information.
1.e.	Existing Practice: Presentation of environmental programs to local organizations and schools.	Conservation Commission/C. Wordell	Include Stormwater as a topic in environmental programs	<ul style="list-style-type: none"> School department to include stormwater topics into environmental curriculum taught by teachers in the classroom. Contacted non-profit organizations to perform environmental programs free of charge, including Girl Scouts of America and Boy Scouts of America. 	<ul style="list-style-type: none"> Continue the inclusion of stormwater topics in environmental curriculum in schools. Continue the activity of sought after environmental programs at non-profit organizations.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 14	Planned Activities – Permit Year 15
2.a.	Existing Practice: Household Hazardous Waste (HHW) Collection Days	Fire Department/S. Jepson	Secure funding to continue program	<ul style="list-style-type: none"> Conducted HHW collection on July 23, 2016. 	<ul style="list-style-type: none"> Continue to hold annual HHW collection day.
2.b.	Collect and Recycle Waste Oil	Fire Department/S. Jepson	Collect waste oil on household hazardous waste collection days.	<ul style="list-style-type: none"> Residents reminded that they may take waste oil to the Fall River DPW facility at 10 Lewiston Street on the 1st Saturday of every month (8-12) and every Tuesday (8-2). 	<ul style="list-style-type: none"> Continue to advise residents of the Fall River DPW facility.
2.c.	Stream/Beach Clean-up	Conservation Commission/C. Wordell	Hold volunteer-driven clean-up day once per year	<ul style="list-style-type: none"> Town contacted two non-profit organizations to assist in running the 2016 cleanup program. DPW measured tonnage weight/number of bags/large items of debris collected, and the # of volunteers who participated. Town continues to maintain/empty trash barrels at the following locations: Mount Hope Vista Park and Chase Preserve 	<ul style="list-style-type: none"> Town to continue maintaining/emptying trash barrels at the following locations: Mount Hope Vista Park and Chase Preserve
2.d.	Storm Drain Stenciling Program	Highway Department/ Conservation Commission	Storm Drains Stenciled by 2010	<ul style="list-style-type: none"> Permit Year 7 completed the stenciling of the storm drains, and no additional stenciling activities were determined to be needed during Permit Year 14. 	<ul style="list-style-type: none"> Review condition of stenciling in Permit Year 15.
2.e.	Public review of Stormwater Management Plan	Administration/ Highway Dept.	Post SWMP on Town web site, in library, and at Highway Dept. Track #responses or comments received; visitors to website	<ul style="list-style-type: none"> Began the process of scanning the SWMP to post on web site with new website up and running (see 1.b) 	<ul style="list-style-type: none"> Review SWMP on website and continue make updates.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 14	Planned Activities – Permit Year 15
3.a.	Mapping of Stormwater drainage system and outfalls	Highway Department/ GIS	Map locations of all storm structures	<ul style="list-style-type: none"> Mapping of Stormwater Structures completed in Permit Year 1, 100% of Outfalls, Open Inlets/Outlets, Catch Basins, Curb Inlets and Manholes; 4268 of 4268 of known structures mapped Continued field inventory, inspections, and cleaning of storm drainage system over the Winter. 	<ul style="list-style-type: none"> Follow up with information gathered during field inventory performed during year 14. Repair poor condition storm drain structures during year 15.
3.b.	Develop Illicit Discharge Detection/Elimination Plans	Highway Department	Work to set guidelines and measures for Illicit Discharge Detection/Elimination.	<ul style="list-style-type: none"> Completed upon completion of BMP ID #3.a (directional flow of storm drainage system) 	<ul style="list-style-type: none"> Follow through with plan developed on BMP ID#3.a.
3.c.	Review Existing By-laws and Regulations	Planning Board/Simons	Evaluate existing bylaws/regulations	<ul style="list-style-type: none"> BMP Completed 	<ul style="list-style-type: none"> N/A
3.d.	Develop/Modify General Illicit discharge By-law	Planning Board/Simons	Development of bylaw; Adoption at public hearing of Planning Board	<ul style="list-style-type: none"> BMP Completed 	<ul style="list-style-type: none"> N/A
3.e.	Present General Illicit Discharge By-law to Town Meeting (Special)	Planning Board/Simons	Town Meeting Adoption	<ul style="list-style-type: none"> BMP Completed 	<ul style="list-style-type: none"> N/A

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) Permit Year 14	Planned Activities – Permit Year 15
4.a.	Review Existing bylaws and Regulations	Planning Board/Simons	Determine if existing bylaws are accurate	<ul style="list-style-type: none"> Completed this task during year 12 through a Town contract with Environmental Partners Group 	<ul style="list-style-type: none"> N/A
4.b.	Develop/modify bylaws for Construction Site Runoff	Planning Board/Simons	Development of bylaw	<ul style="list-style-type: none"> Adoption of Illicit Discharge Bylaw this year enabled the Planning Board to draft/approve implementing regulations. 	<ul style="list-style-type: none"> Planning Board to review/finalize draft Regulations
4.c.	Present bylaw for Town Meeting Action	Planning Board/Simons	Town Meeting Adoption	<ul style="list-style-type: none"> N/A. See 4.b 	<ul style="list-style-type: none"> N/A
4.d.	Review Existing Site Inspection Practices	Conservation Commission	Practices Reviewed	<ul style="list-style-type: none"> Reviewed and determined to be adequate between the Conservation Agent and Building Inspector 	<ul style="list-style-type: none"> None

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 14	Planned Activities– Permit Year 15
5.a.	Review existing bylaws and regulations	Planning Board/Simons	Determine if existing bylaws/regulations are adequate	<ul style="list-style-type: none"> Completed this task through a Town contract with Environmental Partners Group. 	<ul style="list-style-type: none"> N/A
5.b.	Develop/Modify bylaws for Post Construction Runoff	Planning Board/Simons	Development of bylaw; adoption by appropriate board at public hearing	<ul style="list-style-type: none"> Adoption of Illicit Discharge Bylaw during year 12 enabled the Planning Board to draft/approve implementing regulations. Draft regulations reviewed and finalized. 	<ul style="list-style-type: none"> N/A
5.c.	Review Existing Site Inspection Practices	TBD by Town		<ul style="list-style-type: none"> Reviewed site inspection practices. 	<ul style="list-style-type: none"> Continue to review site inspection practices.
5.d.	Develop/Modify Site Inspection Practices	TBD by Town		<ul style="list-style-type: none"> Modified site inspection practices. 	<ul style="list-style-type: none"> Continue to develop/modify site inspection practices.

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 14	Planned Activities – Permit Year 15
6.a.	Existing Practice, Street Sweeping Program	Highway Department	Conduct street sweeping once per year, twice per year for streets near Lee/Taunton Rivers	<ul style="list-style-type: none"> Program completed for Permit Year 14. Over 93 miles of streets were swept twice. 	<ul style="list-style-type: none"> Continue annual sweeping of streets; semiannual sweeping of streets near Lee/Taunton Rivers.
6.b.	Clean Catch Basins	Highway Department	Develop/implement cleaning schedule; Lee/Taunton Rivers, once per year.	<ul style="list-style-type: none"> 1,800 catch basins were cleaned in Permit Year 14; Future cleaning schedule developed (all streets to receive once per year cleaning). 	<ul style="list-style-type: none"> Continue annual catch basin cleaning program.
6.c.	Train Municipal Employees at each facility	Highway Department	# Employees Trained; # Facilities	<ul style="list-style-type: none"> No training conducted during Permit Year 14. 	<ul style="list-style-type: none"> Plan for additional training in summer of 2017.
6.d.	Perform Follow Ups to Ensure Required Practices are Met	Highway Department	Follow-up Activities	<ul style="list-style-type: none"> Highway Superintendent performed QAQC on CB Cleaning/SS Program. 	<ul style="list-style-type: none"> Annual follow-up to continue.
6.e.	Existing Practice: Highway Department: Monitoring/Inspection of Facility Oil/Water Separator	Highway Department	Annual inspection of oil/water separator	<ul style="list-style-type: none"> Inspection completed in Permit Year 12. 	<ul style="list-style-type: none"> Continue annual inspection program.

Part IV. Summary of Information Collected and Analyzed

During Permit Year 14, the Town addressed a faulty box culvert on South Street and is in the process of replacement. The Town also performed a Gap Analysis of their MS4 program to provide information regarding what the Town is currently doing related to compliance with the MS4 Permit and recommendations to enhance the existing program to meet requirements of the new MS4 Permit.