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Municipality/Organization: Town of Somerset, MA

EPA NPDES Permit Number: MAR041159

Annual Report Number
& Reporting Period: No. 8: May 1, 2010 – April 30, 2011

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Dennis F. Luttrell

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: *Dennis F. Luttrell*

Printed Name: Dennis F. Luttrell

Title: Town Administrator

Date: May 2, 2011

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 will focus 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 Eight focused on continuing cleanup of Town's infrastructure (street sweepings/catch basin cleanings), encouraging volunteer efforts on shoreline cleanup (Dominion Energy, Somerset Power, Clean the Bay), and rehab of existing town infrastructure. Additionally, the Town added signage/trash barrels this year at all public parks (Broad Cove, Mount Hope Vista Park, Chase Preserve) in an effort to increase awareness of pollution and encourage solid waste cleanup.

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	Planned Activities
I.a.	Air Stormwater message on cable, two weeks quarterly	Planning/GIS Staff	# messages aired; # weeks aired	Town finalizing review of stormwater messages to be posted on cable access TV.	<ul style="list-style-type: none"> Reestablish Stormwater messaging via cable access; achieve a minimum of four messages; 8 weeks air time, in Year 8.
I.b.	Add Stormwater Information to web site	Administrator's Office/Planning /GIS Staff	Include SWMP, general information, and links	Town finalizing review of stormwater messages to be posted on web site. DPW recently purchased scanned to be used to post SWMP to Town website	<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.
I.c.	Distribution of posters, plan, and informative literature to various departments	Conservation Commission/C. Wordell	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 scheduled for May 2011. 	<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 8	Planned Activities
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"> Re-establish web site information. 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. HHW Day is planned for the Fall of 2011. Public notices are planned to be distributed and posted on the Town's web site.
1.c.	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"> Due to current staffing levels and workloads (Conservation Commission agent is also Board of Health agent), the Town has been reevaluating the ability of this task to be performed by Town Staff. 	<ul style="list-style-type: none"> Liaise with school department to explore inclusion of stormwater topic into environmental curriculum taught by teachers in the classroom. Contact non-profit organizations to perform environmental programs free of charge.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities
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"> HHW Day not conducted this year due to budget cuts 	<ul style="list-style-type: none"> HHW Day is planned for the Fall of 2011.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities
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 informed 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"> Waste Oil to be collected on annual HHW day, which is scheduled for the Fall of 2011.
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"> Dominion Energy again sponsored beach cleanup from Braga Bridge to Route 103 Bridge (Brayton Point) and cleanup of the Broad Cove Area. Somerset Power again sponsored shoreline cleanup along their Montaup Station waterfront. Town installed additional permanent trash barrels at the following locations: Mount Hope Vista Park and Chase Preserve 	<ul style="list-style-type: none"> Clean the Bay planning to clean up all debris along the Lee and Taunton Rivers in partnership with the Town DPW Contact non-profit organizations (Taunton River Watershed Alliance, Girl and Boy Scouts, Garden Club) to help run future cleanup programs. DPW to measure tonnage weight or number of bags/large items of debris collected; # volunteers
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 8. 	<ul style="list-style-type: none"> Review condition of stenciling in Permit Year 9.
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"> Scanner purchased by DPW for the explicit purpose of scanning SWMP and posting on web site. SWMP scanned. To be posted on web site during the next Permit Year. 	<ul style="list-style-type: none"> SWMP to be posted on web site during Permit Year 9.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities
3.a.	Mapping of Stormwater drainage system and outfalls	Highway Department/Fitzgerald & GIS/Paskov-Sirois	Map locations of all storm structures	Mapping of Stormwater Structures completed this Permit Year 8: 100% of Outfalls, Open Inlets/Outlets, Catch Basins, Curb Inlets and Manholes; 4268 of 4268 of known structures mapped	<ul style="list-style-type: none"> Begin field inventory of storm drainage system, to obtain structure conditions, direction of flow, and other data in Year 9.
3.b.	Develop Illicit Discharge Detection/Elimination Plans	Highway Department/Fitzgerald	Work to set guidelines and measures for Illicit Discharge Detection/Elimination	To be completed following completion of BMP ID #3.a (directional flow of storm drainage system)	Upon completion of BMP ID #3.a., develop plan.
3.c.	Review Existing By-laws and Regulations	Conservation Commission/Planning Board and SRPEDD	Evaluate existing bylaws/regulations	<ul style="list-style-type: none"> Contracted Southeastern Regional Planning and Economic Development District through use of Municipal Assistance to complete this task. Due to reduction in planning staff this task was delayed in Permit Year #8. 	<ul style="list-style-type: none"> Work with SRPEDD to complete this task. Consider modifications to the existing bylaws and regulations per the draft EPA General Permit once it is finalized
3.d.	Develop/Modify General Illicit discharge By-law	Conservation Commission/Planning Board and SRPEDD	Development of bylaw; Adoption at public hearing of Planning Board	To be completed following completion of BMP I.D. #3.c	Conduct public hearing to adopt new by-law
3.e.	Present General Illicit Discharge By-law to Town Meeting (Special)	Conservation Commission/Planning Board and SRPEDD	Town Meeting Adoption	To be completed following completion of BMP I.D. #3.d	Present Illicit Discharge bylaw to Board of Selectman for placement at Town meeting.

Additional Activities: Town conducted fecal coliform sampling 1x/week during summer months at Pierce Beach and annually at 5 other locations: Brayton Point, Somerset Marina, foot of North Street, Lees River, and Pratt Avenue Beach.

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4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) Permit Year 8	Planned Activities --
4.a.	Review Existing bylaws and Regulations	Conservation Commission	Determine if existing bylaws are accurate	<ul style="list-style-type: none"> Completed 	<ul style="list-style-type: none"> N/A
4.b.	Develop/modify bylaws for Construction Site Runoff	Conservation Commission	Development of bylaw	<ul style="list-style-type: none"> New Conservation Bylaw developed. 	<ul style="list-style-type: none"> N/A
4.c.	Present bylaw for Town Meeting Action	Town Selectmen	Town Meeting Adoption	<ul style="list-style-type: none"> Conservation Bylaw voted down at Town Meeting. 	<ul style="list-style-type: none"> Reintroduce bylaw in Permit Year 9 (Fall, 2011)
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 8	Planned Activities
5.a.	Review existing bylaws and regulations	Planning/GIS Staff/Highway	Determine if existing bylaws/regulations are adequate	<ul style="list-style-type: none"> Due to reduction in planning staff this task was delayed during Permit Year #8 	<ul style="list-style-type: none"> Contract with Consultant to perform this Task, with assistance by Planning/GIS/Highway and Planning Board. Consider modifications to the existing bylaws and regulations per the draft EPA General Permit once it is finalized

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) Permit Year 8	Planned Activities
5.b.	Develop/Modify bylaws for Post Construction Runoff	Planning/GIS Staff/Highway	Development of bylaw; adoption by appropriate board at public hearing	<ul style="list-style-type: none"> To be completed following completion of BMP I.D. #5.a 	<ul style="list-style-type: none"> Contract with Consultant to perform this Task, with assistance by Planning/GIS/Highway and Planning Board Conduct appropriate public hearing(s).
5.c.	Review Existing Site Inspection Practices	TBD by Town			<ul style="list-style-type: none"> Review site inspection practices.
5.d.	Develop/Modify Site Inspection Practices	TBD by Town			<ul style="list-style-type: none"> 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 8	Planned Activities
6.a.	Existing Practice, Street Sweeping Program	Highway Department/T. Fitzgerald	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 8. Over 90 miles of streets swept. 	<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/T. Fitzgerald, C.Lima	Develop/implement cleaning schedule; Lee/Taunton Rivers, once per year.	<ul style="list-style-type: none"> All 2,460 catch basins cleaned in Permit Year 8; 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/T. Fitzgerald	# Employees Trained; # Facilities	<ul style="list-style-type: none"> No Training conducted this Permit Year. 	<ul style="list-style-type: none"> Additional training in summer of 2011.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) Permit Year 8	Planned Activities
6.d.	Perform Follow Ups to Ensure Required Practices are Met	Highway Department/T. Fitzgerald	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/T. Fitzgerald	Annual inspection of oil/water separator	<ul style="list-style-type: none"> Inspection completed in Permit Year 8. 	<ul style="list-style-type: none"> Continue annual inspection program.