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**Municipality/Organization:** Town of Sutton

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**EPA NPDES Permit Number:** MAR 041241

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**MaDEP Transmittal Number:** W- 040565

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**Annual Report Number  
& Reporting Period:** No. 9: April 2011-March 2012

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## NPDES PII Small MS4 General Permit Annual Report

### Part I. General Information

**Contact Person:** Mark Brigham **Title:** Highway Superintendent

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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:** James Smith \_\_\_\_\_

**Title:** Town Administrator \_\_\_\_\_

**Date:** April 23, 2012 \_\_\_\_\_

## **Part II. Self-Assessment**

**The Town of Sutton has completed the required self-assessment and has determined that our municipality is in compliance of most permit conditions, with the following exceptions:**

*Part II.A.2* - The Town failed to implement all elements of the Storm Water Management Program by the expiration date of the permit. Specifically, the Town did not meet the necessary provisions of the General Permit Part II.B.3 (a), which requires that the town minimally locate and map all outfall structures which discharge to waters of the Commonwealth. Part time staff has been working on this requirement and some progress has been made toward completing this project; lack of funds has prevented the town from taking full advantage of the new GIS system. Additional information regarding the efforts to date to implement these permit conditions is provided in the Annual Report.

## 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 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
1	Create a Stormwater Program	Department of Public Works Planning Board Conservation Commission Board of Health Board of Selectmen	Sutton will identify appropriate sources of funding assistance (SRF, 319 Grant Program, Lakes & Ponds Grant Program, Source Water Protection Grant Program, Recycling Grant Program) and apply for assistance in implementing portions of its Comprehensive Stormwater Management Program, including public education and outreach.	Goal completed in prior reporting periods.	<ul style="list-style-type: none"> <li>Sutton will consider goals for next permit term after general permit has been issued.</li> </ul>
2	Create a Stormwater Program	Department of Public Works	Distribute EPA and other relevant educational brochures to targeted audiences. Distribution points include Town Hall, Library, and Transfer Station.	<ul style="list-style-type: none"> <li>Goal completed in prior reporting periods.                             <ul style="list-style-type: none"> <li>Activities as described in previous reporting periods continued.                                     <ul style="list-style-type: none"> <li>From the DEP grant: Town distributed Recycling Matters, a hand out describing recycling benefits to the environment.</li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Sutton will continue to identify funding opportunities to support its protection of local bodies of water.</li> </ul>
3	Address specific groups	Department of Public Works	Brochures targeting specific audiences and activities will be available. These target groups include homeowner and lawn maintenance activities, disposal of household waste, and pet maintenance.	See BMP 3	Brochures will continue to be printed and made available.
4	Target groups likely to impact storm water	Department of Public Works		See BMP 3	See BMP 3

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
5	Identify alternative information sources	Department of Public Works MIS Department	Sutton will post links to stormwater BMPs and other water quality education resources, including EPA and DEP on its website: <a href="http://www.suttonma.org/">http://www.suttonma.org/</a> Town will work with Lake Singletary Watershed Association in the collection and dissemination of data from the Association's 8-year sampling program. The Town of Sutton will contact the Blackstone River Watershed Council to review opportunities in Sutton. These opportunities include hosting a watershed association meeting in Sutton with notice on website and local access channel, and televising a meeting reviewing watershed activities or needs specific to Sutton.	No further activity in this reporting period.	Sutton will reconsider appropriate information and distribution scenarios during development of the next five year stormwater program.
6	Identify alternative information sources	Department of Public Works MIS Department	The Town of Sutton will contact the Blackstone River Watershed Council to review opportunities in Sutton. These opportunities include hosting a watershed association meeting in Sutton with notice on website and local access channel, and televising a meeting reviewing watershed activities or needs specific to Sutton.	The Town continues to remain involved with these organizations.	Continued involvement with local watershed associations will be a component of the Town's next five-year program.
7	Utilize local public access channel	Department of Public Works	Public meeting notice and a meeting reviewing Sutton's Comprehensive Stormwater Management Program will be posted on Sutton's local access channel.	The Town of Sutton posted dates and times of stream & lake clean ups on local public access channel.	The Town of Sutton will continue to post notices regarding Sutton's Comprehensive Stormwater Program on local cable access a week prior to events.
8	Develop, conduct and document educational programs	Department of Public Works Liaison	The Town of Sutton will appoint a liaison to the Blackstone River Watershed Council to disseminate information to the Town on programs and activities.	The Town has a liaison to the Blackstone River Watershed Council.	The Town will continue to coordinate with the liaison to the Blackstone River Watershed Council to disseminate information to the Town on programs and activities.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
9	Promote Household Waste Recycling	Department of Public Works Board of Health	The Town of Sutton will work with its contracted waste hauler and the Board of Health to continue sponsoring Hazardous Waste Collection Days.	<ul style="list-style-type: none"> <li>o The program has continued as described in previous reporting periods.</li> <li>o The Town has included a mercury and fluorescent lamp recovery program in its recycling operations.</li> </ul>	<ul style="list-style-type: none"> <li>o These events will continue.</li> <li>o The Town will attempt to identify funding assistance to support the collection of extremely- hazardous waste materials.</li> </ul>
10	Storm drain stenciling	Department of Public Works	Sutton will work with local Girl Scout Troop in continuing its support of storm drain stenciling by scouts.	No further activity in this reporting period.	Sutton will continue to work with community groups and attempt to include the High School Environmental Club in continuing its support of storm drain stenciling.

## 2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
11	Community clean ups	Department of Public Works Sutton Conservation Commission	Town of Sutton will encourage local stream team cleanups with local residents and area Scout groups. Town will provide solicitation of sponsors and notice of events on local access channel and website.	<ul style="list-style-type: none"> <li>o The Lake Singletary Watershed Association had a spring clean up in recognition of Earth Day 2011.</li> <li>o Earth Day clean up around Manchaug Lake was sponsored by the Manchaug Lake Association, with trucks and disposal provided by the Highway Dept.</li> <li>o April 2011 Arbor Day activities were sponsored by the Sutton Planning Department with help from the Highway Dept. and school groups. Seven trees were planted on town property.</li> </ul>	Stream and Pond clean ups are expected to continue during Permit Year 10.
12	Community clean ups	Department of Public Works	Town will provide trucks and other material to support cleanup efforts and disposal of materials.	<ul style="list-style-type: none"> <li>o The Town of Sutton continues to provide tools and disposal for the clean up events.</li> <li>o All Town roads and parking lots were cleared of sand/winter debris. This material was used for back-fill on road projects or mixed with compost at the transfer station.</li> <li>o Catch basin sumps were cleaned and the material mixed with compost for town use.</li> </ul>	The Town of Sutton will continue to support these events.

### 3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
13	Inventory and mapping of storm drain system	Department of Public Works	Sutton will identify appropriate sources of funding assistance (SRF, 319 Grant Program, 604(b) Grant Program, Lakes & Ponds Grant Program, Source Water Protection Grant Program, Recycling Grant Program) and apply for assistance in implementing portions of its Comprehensive Stormwater Management Program, including public education and outreach.	<ul style="list-style-type: none"> <li>o As part of the IDDE Program, the Town reviewed and inventoried all available plan data to support mapping of the storm drain system.</li> <li>o New high-resolution GIS maps have been created.</li> </ul>	<ul style="list-style-type: none"> <li>o The Town of Sutton has requested funds to continue to support the IDDE Program.</li> <li>o The Town of Sutton will make use of all funding opportunities and continue to search for all applicable opportunities.</li> </ul>
14	Mapping and identification of outfalls and receiving waters	Department of Public Works Board of Assessors	Sutton will develop and implement a plan to map all outfalls and receiving bodies of water, contingent upon Town Meeting approval of funding.	<ul style="list-style-type: none"> <li>o The Town has created a GIS base map for storm drain features, with particular focus on identifying all town-owned outfalls. This is an ongoing activity. Additionally the Town created a database describing the location of all outfalls and the names of all waters that receive discharges from those outfalls.</li> <li>o During annual cleaning of catch basins and drains, the town Highway Department identifies and records the following information: location, number/ landmark, type, sump depth, inlet size, outlet size, overall condition, and defects.</li> <li>o No further activity in this reporting period.</li> </ul>	<ul style="list-style-type: none"> <li>o The Town will continue the process of mapping existing outfalls</li> <li>o GIS base map. The Town will update the database describing the location of all outfalls and the names of all waters that receive discharges from those outfalls contingent on funding from Town Meeting.</li> </ul>
15	Identification/description of problem areas	Department of Public Works	Sutton will develop and implement an Illicit Discharge Detection and Elimination (IDDE) plan, contingent upon Town Meeting approval of funding.	<ul style="list-style-type: none"> <li>o No further activity in this reporting period.</li> </ul>	<ul style="list-style-type: none"> <li>o As part of the IDDE Program, the Town of Sutton will continue to GPS survey outfalls and identify potential sources of illicit discharges beginning with prioritized areas identified in the IDDE Plan.</li> <li>o The Town of Sutton will continue to promote projects that disconnect illegal connections to the storm drain system.</li> </ul>

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
16	Enforcement procedures addressing illicit discharges	Planning Board Town Counsel Board of Health	Sutton will review whether local authority is appropriate and able to respond to potential illicit discharges. New by-laws, if necessary, will be proposed to Town Meeting.	An Illicit Discharge Bylaw was passed by voters at the May 2009 Annual Town Meeting.	<ul style="list-style-type: none"> <li>o The new by-law will be enforced by the Town. The Town understands that an active by-law is required under the MS4 permit conditions.</li> </ul>
17	Public information program regarding hazardous wastes and dumping	Department of Public Works Board of Health	Sutton will provide educational brochures to residents promoting proper disposal of household hazardous wastes and conditions for regional collections.	o Programs continue as described in previous reporting periods.	The Town will continue this educational outreach.
18	Initiation of recycling programs	Planning Board Board of Health	Sutton will apply for funding assistance from DEP's Recycling Grant Program for assistance in public education and the purchase of recycling materials.	<ul style="list-style-type: none"> <li>o The Sutton School System has continued its recycling program.</li> <li>o The Town of Sutton received a Central Mass Municipal Recycling Council Award for its recycling program.</li> </ul>	The Town of Sutton will continue to apply for DEP's Recycling Grant Program. This grant will provide outreach material to the community.
19	Watershed assessments and studies	Department of Public Works Conservation Commission Board of Health	Sutton will identify opportunities for funding assistance from DEP's 604(b) and 319 grant programs and the Department of Environmental Management's Lakes and Ponds Grant Program to support watershed assessment and implementation activities. Tasks may include design and installation of stormwater BMPs and public outreach including storm drain stenciling. Emphasis will be on assessments and remediation of stormwater related problems impacting water quality in Aldrich Pond, Clark Reservoir, Dark Brook Pond, Marble Pond, Merrill Pond No. 3, Merrill Pond No. 4, No. 1 Pond, No. 2 Pond, Schoolhouse Pond, Sutton Falls, Swans Pond, Town Farm Pond, Welsh Pond, Whiting Pond, and Woodbury Pond. These water bodies have been identified as impaired and on DEP's 303d list.	<ul style="list-style-type: none"> <li>o In collaboration with the Commonwealth of Massachusetts Riverways Adopt-A-Stream Program, the Blackstone River Watershed Association conducted a river survey along the Mumford River on Saturday May 6, 2006. The data collected from the survey are being used to determine which factors are negatively affecting the river. Action plans have been created, a final report has been prepared and made available to local town officials. A copy of the report was submitted in a previous reporting period.</li> </ul>	<ul style="list-style-type: none"> <li>o The Town of Sutton will continue to support watershed assessments and studies.</li> <li>o The Town will attempt to identify key individuals who might be interested in sampling of impaired bodies of water as identified by DEP's 303d list.</li> </ul>



BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
20	Watershed assessments and studies	Department of Public Works Public Water Suppliers	<p>The Town of Sutton will encourage the three PWS located in town to apply for funding assistance from DEP's Source Water Protection Program for grant assistance to develop wellhead protection plans and stormwater management plans within Zone II. These plans can include stormwater management programs. The proposed tasks will include a public education component. The Lake Singletary Watershed Association will be consulted and asked to provide educational data from their studies and monitoring of Lake Singletary for posting on Sutton's local access channel and website.</p>	<p>o The Wilkinsonville Water Department received DEP approval for two new wells. They have developed wellhead protection plans and stormwater management plans. The Zone II areas were implemented Nov. 16<sup>th</sup> 2006.</p> <p>o The Manchaug Water Department has received 1.48 million dollars from the American Recovery and Reinvestment Act for a 125,000 gallon per day filtration facility. This new plant is ready to go online.</p>	<p>The Town of Sutton will ascertain the availability of funds from the Water Protection Program.</p>

#### 4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
21	Bylaw: Storm water management regulations for construction sites 1 acre or larger	Planning Board Conservation Commission Town Counsel Board of Health Zoning Board of Appeals	Sutton will review model by-law developed by DEP in consultation with the Attorney General's Office.	<ul style="list-style-type: none"> <li>The Town has developed and implemented stricter stormwater and erosion controls; a copy of the Sutton Wetland and Riverfront District Administration Bylaw was included in the previous reporting period.</li> </ul>	<ul style="list-style-type: none"> <li>The Town's Planning Coordinator is working with the Conservation Commission and Highway Department to develop language to be added to the general by-laws. This new language is intended to extend stormwater controls as described in the District By-law to areas outside of current Conservation Commission jurisdiction and as dictated by the NPDES requirements.</li> </ul>

#### 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 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
22	Bylaw: Require post-construction runoff controls	Planning Board Conservation Commission Town Counsel Board of Health Zoning Board of Appeals	Sutton will review model by-law developed by DEP in consultation with the Attorney General's Office.	See BMP 21 above.	<ul style="list-style-type: none"> <li>See BMP 21 above.</li> </ul>

## 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 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
23	Develop a municipal Operations and Maintenance Plan	Department of Public Works	Using regulations and recommendations from DEP and EPA, Sutton will develop and update an operations and maintenance plan to include proper disposal of street sweepings, catchbasin cleanout, snow disposal, roadway de-icing procedures, vehicle washing, and outside storage of materials.	<ul style="list-style-type: none"> <li>The Town continues to operate in accordance with plans described in previous reporting periods.</li> </ul>	<ul style="list-style-type: none"> <li>The Town of Sutton Highway Facility will continue to use BMPs and the O&amp;M schedule as applicable.</li> </ul>
24	Develop a municipal Operations and Maintenance Plan	Department of Public Works	Sutton will implement a formal inspection program, including maintenance logs and scheduling, for catchbasin cleaning, repairs, and new installation.	<ul style="list-style-type: none"> <li>During catchbasin and drain cleaning, the Town of Sutton Highway Department on a yearly basis identifies and records the following information: location, number/landmark, type, sump depth, inlet size, outlet size, overall condition, and defects.</li> <li>See BMP 23.</li> </ul>	<ul style="list-style-type: none"> <li>The Town of Sutton Highway Facility will continue to use BMPs and the O&amp;M schedule as applicable. Maintenance BMPs.</li> </ul>
25	Develop and implement training programs for municipal employees	Department of Public Works	Each year, Sutton will send a minimum of 5 public works employees to training seminars sponsored by MassHighway, BayState Roads, and other relevant agencies or vendors.	<ul style="list-style-type: none"> <li>The Town of Sutton continued its training program.</li> </ul>	<ul style="list-style-type: none"> <li>The Town of Sutton will continue its training program.</li> </ul>
26	Review storm drainage infrastructure needs	Department of Public Works	Sutton will incorporate storm drain infrastructure review in its Chapter 90 project utilizations.	<ul style="list-style-type: none"> <li>The Town of Sutton Highway Department cleans catch basins yearly and sweeps all streets yearly.</li> </ul>	<ul style="list-style-type: none"> <li>The Town of Sutton will continue the storm drainage infrastructure inspections.</li> </ul>

## 7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) *NOT APPLICABLE*

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 9 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 10
				No TMDLs in the Town of Sutton	

#### **Part IV. Summary of Information Collected and Analyzed**

Sampling and analysis has not been performed.