

**Municipality/Organization: Town of Webster, MA**

**EPA NPDES Permit Number: MAR041170**

**Annual Report Number  
& Reporting Period: No. 8: April 1, 2010 – March 31, 2011**

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## NPDES PII Small MS4 General Permit Annual Report

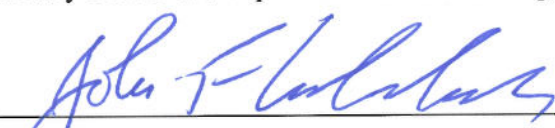
### Part I. General Information

Contact Person: **J.T. Gaucher, P.E.** Title: **DPW Director**

Telephone #: **508-949-3865** Email: [jtgaucher@webster-ma.gov](mailto:jtgaucher@webster-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: **John McAuliffe**

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 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 Eight focused on supporting the efforts of volunteer (Lake Webster Association/French River Connection) and governmental organizations (Central Massachusetts Mosquito Control Program) for significant sampling of Webster Lake and French River, and extensive shoreline and stream cleanup. Additional efforts including conducting an aerial flyover of the Town.

**Part III. Summary of Minimum Control Measures**

**1. Public Education and Outreach**

<b>BMP ID #</b>	<b>BMP Description</b>	<b>Responsible Dept./Person Name</b>	<b>Measurable Goal(s)</b>	<b>Progress on Goal(s) – Permit Year 8</b>	<b>Planned Activities</b>
1.a.	Educational Flyers and Pamphlets	DPW/Gaucher	# of materials created and distributed	This BMP has shifted from a paper-based information distribution to a web-based distribution. The Town is working in collaboration with the two volunteer watershed associations representing the major waterways/bodies in Webster – the Lake Webster Association and the French River Connection. Both of their websites promote smart landscaping, avoidance of phosphate application, and other storm water BMP's.	Continued collaboration with Webster Lake Association and French River Connection.
1.b.	Newspapers – Press Releases	DPW/Gaucher	# of stormwater related articles published	Roadside cleanup for Earth Day 2010 was advertised in the Webster Times. Street sweeping schedule was advertised by the DPW in 2010-2011.	Continue advertising Earth Day cleanup and street sweeping.
1.c.	Local Cable Access Channel	DPW/Gaucher	# of public service announcements made on television	Roadside cleanup for Earth Day was advertised on the local access channel. Street sweeping schedule was advertised by the DPW in 2010-2011	Continue advertising Earth Day cleanup and street sweeping.
1.d.	Hazardous Waste Collection Day	DPW/Gaucher	# of people participating/list of materials collected	A Hazardous Waste Collection Day was not held due to budget cuts	Seek funding for a Hazardous Waste Collection Day



## 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.	Storm Drain Stenciling	DPW/Gaucher	# of drains stenciled	DPW had stenciled faded drains during the previous year at 100 locations in 3 sections of downtown. No stenciling conducted during this period as it was determined not to be needed.	Continue to locate and stencil storm drains as needed.
2.b.	Stream Cleanup and Monitoring	DPW/Gaucher	# of participants and locations of streams	<p><u>Monitoring:</u></p> <ul style="list-style-type: none"> <li>Webster Lake Association: 9 sampling events at up to 9 locations, with a total of ~50 volunteers. Locations: Lake Webster, Browns Brook, Mine Brook, Sucker Brook</li> <li>French River Connection: 9 sampling events at 5 locations within the French River using 20 volunteers.</li> </ul> <p><u>Cleanup:</u></p> <ul style="list-style-type: none"> <li>Webster Lake Association: Shoreline cleanup of Point Breeze, and Killdeer Island Road</li> <li>French River Connection: Perryville Shoreline</li> </ul>	Continue collaboration and encouragement of the monitoring and cleanup efforts of the Lake Webster Association, and the French River Connection.
2.c.	Roadside Cleanup Day	DPW/Gaucher	Hold volunteer-driven clean-up day once per year	The Town of Webster conducted a roadside cleanup on Earth Day on April 25, 2010. This was sponsored by the Webster-Dudley Business Alliance, which included the local recycling waste hauler Little River Recycling.	Continue with support of Earth Day (held on 4/22/2011)

### 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 outfalls	DPW/Gaucher	Map locations of all storm structures	<p>During 2010, the Town's \$575,000 SRF application was put on the DEP's Intended Use Plan. Over 75% of the SRF application was funding for mapping of the Town's MS4 system.</p> <p>In March, 2011, the Town contracted to have an aerial flyover conducted of the Town as the first step in the mapping of the MS4 system.</p>	<p>DPW to advocate for Town authorization to borrow the \$575,000 at the Annual Town Meeting in May, 2011</p> <p>The Town conducted the aerial flyover of the Town in April, 2011</p>
3.b.	Capital Planning/Budget	DPW/Gaucher	Amount of money needed for future projects	<p>During 2010, the Town's \$575,000 SRF application was put on the DEP's Intended Use Plan.</p>	<p>DPW to advocate for Town authorization to borrow the \$575,000 at the Annual Town Meeting in May, 2011.</p>
3.c.	Assess Current By-Laws/Amend to Meet Phase II Regulations	DPW/Gaucher	By-Law Language to prohibit illicit discharges	<p>In May, 2010, the Town Meeting authorized the Board of Selectmen to oversee stormwater management related issues. Development of a stormwater bylaw was included as part of the SRF loan, which is on the DEP's 2010 Intended Use Plan. This past Spring, the Town solicited and received quotes from consulting firms for drafting up a Town-wide stormwater bylaw, which would include addressing illegal discharges.</p>	<p>DPW to advocate for Town authorization to borrow the \$575,000 at the Annual Town Meeting in May, 2011. Upon Town authorization to enter into the SRF loan, work by the selected consultant would commence to draft up the bylaw to include addressing illegal discharges</p>

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 8	Planned Activities
3.d.	BMP Installation	DPW/Gaucher	# of BMP's installed	During the past year, ~2-acre paved parking area across from Town Hall was rebuilt into a park; site runoff has been treated through the installation of rain gardens.	Seek funding for additional installation of BMP's.  The Lake Webster Association has identified a potential backlog of 17 additional stormwater structural BMP's to be installed if capital funding is acquired.

Additional Activities: Town conducted fecal coliform sampling weekly during summer months at beaches along Lake Webster. Lake Webster Association and French River Connection sampling activities and results, which are detailed in the Public Participation MCM, was shared with the Town and DEP.

#### 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.	Site Plan Review	Planning Board, Conservation Commission	# of sites reviewed prior to construction	Prior to approval and construction of any site, the Planning Board, Conservation Commission, Zoning Board, DPW Director, Water & Sewer superintendents and the Town's consulting engineering firm review all proposals. The Town received 9 plans for Site Plan review between March 2010 and March 2011. The Conservation Commission reviewed 18 Notices of Intent for compliance with the MA Stormwater Management standards under the MA Wetlands Protection Act.	Continue plan review under existing by-law and Wetland Protection Act. Continue to work with developers to incorporate BMPs during construction activities.
4.b.	Building Permit Requirement	Building Dept.	# of building permits issued	This BMP removed from the SWMP, as it does not directly relate/measure stormwater protection.	N/A.



BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) Permit Year 8	Planned Activities –
4. c.	Inspection	Planning Board/ Conservation Commission DPW	# of sites inspected	During the construction of subdivisions, site visits are performed at least weekly and more often during crucial points of construction. Sign off sheets are used to identify compliance with approved specifications during every step of the construction project.	Continue inspection /reporting under existing by-law and Wetland Protection Act and documenting the number of site visits during the year.
4.d.	Assess Planning Board Regulations/Amend to meeting Phase II Regulations	Planning Board	Regulations to control runoff from construction projects	In May, 2010, Town Meeting authorized the Board of Selectmen to oversee stormwater management related issues. Development of a stormwater bylaw was included as part of the SRF loan, which is on the DEP's 2010 Intended Use Plan. This past Spring, the Town solicited and received quotes from consulting firms for drafting up a Town-wide stormwater bylaw, which would include addressing runoff controls from construction projects.	DPW to advocate for Town authorization to borrow the \$575,000 at the Annual Town Meeting in May, 2011. Upon Town authorization to enter into the SRF loan, work by the selected consultant would commence to draft up the bylaw to address runoff controls from construction projects.

### 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.	Eliminating Curbs and Gutters	Highway/ Pizzetti	# of curb cuts made in existing developments	The Town issued 17 curb cuts between March 2010 and March 2011.	Continue to monitor curb cuts.

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5.b.	Urban Forestry	DPW/Gaucher	# of trees planted as a result of urban forestry	As part of Site Plan approval, 2 trees were planted as part of a streetscape revitalization plan on Main Street. 25 trees were planted as part of the new French River Park on Davis Street.	Continue to investigate grants and programs associated with Urban Forestry. Look into possibility of local schools helping with plantings, as previously done in town 10+ years ago.
5.c.	Zoning	Office of Community Development/ Cyr	The amount of open space protected by zoning codes	During the past year, ~2-acre paved parking area across from Town Hall was rebuilt into a park (French River Park); site runoff has been treated through the installation of rain gardens. The previous year, the French River Connection, in connection with the Town, had leased the parcel, which abuts the French River for development into park land/open space.	Complete construction of the 2-acre French River Park. Continue to support community efforts to acquire open space.
5.d.	Assess Town Regulations/Amend to meet Phase II Regulations	Planning Board	Regulations to control post-construction runoff	In May, 2010, Town Meeting authorized the Board of Selectmen to oversee stormwater management related issues. Development of a stormwater bylaw was included as part of the SRF loan, which is on the DEP's 2010 Intended Use Plan. This past Spring, the Town solicited and received quotes from consulting firms for drafting up a Town-wide stormwater bylaw, which would include addressing post-construction runoff.	DPW to advocate for Town authorization to borrow the \$575,000 at the Annual Town Meeting in May, 2011. Upon Town authorization to enter into the SRF loan, work by the selected consultant would commence to draft up the bylaw to address post-construction runoff.



## 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.	Parking Lot and Street Cleaning	Highway/ Pizzetti	# of scheduled road cleanings	The Town of Webster has approximately 140 miles of streets. From March 2010 to March 2011, all paved streets were swept in the Spring and Fall. Main Street and trouble spots received additional sweeping in the Summer of 2010	Continue to sweep all paved streets.
6.b.	Road Salt/Sand/Mix Application and Storage	Highway/ Pizzetti	Cubic yards of salt/sand/mix applied to roadways and location of storage.	In Permit Year 7, the Town had purchased and used ClearLane Enhanced Deicer, which reduced/eliminated the need to apply sand to the roadways and required less application of salt per mile compared with conventional salt application, which reduced salt runoff. Since then, the Town has become an advocate for the product, and succeeded in convincing the neighboring Towns of Oxford and Southbridge to also use the product.	Continue the use and advocacy for the ClearLane Enhanced Deicer.
6.c.	Drain System Cleaning	Highway/ Pizzetti	# of storm drains cleaned regularly	The vast majority of the Town's 1,700 catch basins were cleaned and documented within the reporting period.	Continue the program and improve efficiency annually.

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) Permit Year 8	Planned Activities
6.d.	Outfall Cleanup and Monitoring	DPW/Gaucher	# of outfalls examined and cleaned	<ul style="list-style-type: none"> <li>Highway Dept: Approximately 20-30 storm drain outfalls examined and cleaned by the DPW staff during the Spring, Summer, and Fall 2010.</li> <li>Central MA Mosquito Control Project (CMMCP): 4,410 feet of stream cleaned, 2,150 feet of brush cutting, and 50 culverts cleared in 2010.</li> </ul>	<ul style="list-style-type: none"> <li>Continue outfall cleanup and monitoring for signs of potential illicit discharges by DPW Staff.</li> <li>DPW to incorporate the CMMCP IDDE observations into their IDDE program.</li> </ul>
6.e.	DPW Employee Education	DPW/Gaucher	# Employees Trained; # Facilities	Highway Dept. employees trained off-site in hazardous materials management and underwent annual IDDE training.	Continue to hold annual training to cover illicit discharge detection procedures and good housekeeping practices and procedures.