Municipality: City of New Bedford, Massachusetts

EPA NPDES Permit Number: MAR041140

MaDEP Transmittal Number: W-035855

Report Number and Period: No. 1 March 2007-March 2008

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5/1/08

NPDES PHASE II SMALL MS4 GENERAL PERMIT ANNUAL REPORT

Part 1. General Information:

Contact Person: Ronald H. Labelle

Title: Commissioner, Department of Public Infrastructure

Telephone #: 508-979-1556

Email: RonaldL@www.ci.new-bedford.ma.us

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 mange the system, or those persons directly responsible for gathering the information, the information 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: Ronald H. Labelle

Printed Name: **Ronald H. Labelle**

Title: **Commissioner, Department of Public Infrastructure**

Date: **May 1, 2008**

Part II. Self-Assessment

Part II. Self-Assessment

The City of New Bedford has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions.

The selected BMP's have improved the area's storm water quality and awareness of such. As a result, the City of New Bedford deems the selections applicable.

Part III. Summary of Minimum Control Measures

1. Public Education and Outreach

BMP ID #	BMP DESCRIPTION	RESPONSIBLE DEPT.	MEASURABLE GOAL	PROGRESS ON GOAL	PLANNED ACTIVITIES
1.1	Educational Flyer/Fact Sheet Distribution	Public Infrastructure	Flyer/Fact Sheet prepared and distributed per time line	As per submitted time frames, the Flyer was distributed to 26,000 properties (100,000 persons) throughout the City via utility invoices in Feb 2006.	Next Flyer is due for distribution in February 2009. Plans are to revise the flyer to add on program accomplishments and more storm water helpful hints.
1.2	Annual Hearing	Public Infrastructure	Meetings Advertised and Conducted	Meeting was advertised. Power point presentation was developed by City Staff. Meeting was conducted.	City will continue to pursue outreach programs to increase meeting attendance and stormwater remediation awareness.
1.3	Include the flyer information on Web Page	MIS	Web Page Development	City MIS Department is continuing with its' web site update. Presently, our Department's Environmental Policy, which includes our mission statement, is available to download.	MIS continues to update website.

2. Public Involvement and Participation

BMP ID #	BMP DESCRIPTION	RESPONSIBLE DEPT.	MEASURABLE GOAL	PROGRESS ON GOAL	PLANNED ACTIVITIES
2.1	Encourage Public Participation	Public Infrastructure	(1) Flyer Distribution (2) Stormwater meeting	(1) Flyer was distributed to 26,000 properties (100,000 persons) throughout the City via utility invoices in Feb 2006. (2) Power point presentation created and displayed to inform, educate and recruit the public concerning stormwater issues.	Revise Flyer prior to next distribution Continue to revise and improve power point presentation
2.2	Establish Stormwater Management Committee	Public Infrastructure	Committee meets to review program progress	Committee met...stormwater pollution awareness is more common	Try to increase committee membership.

2.3	Stormwater Drain Stenciling	Public Infrastructure	Stencil 1000 catch basins (not tied into POTW) commencing summer 2004 until all applicable catch basins are stenciled	In calendar year 2005 (Don't Dump Save The Bay) stencils were obtained from the Coalition of Buzzards Bay. City hired summer interns to accomplish this task. In calendar year 2006, additional stencils were purchased and interns were hired to continue this effort(amongst other assignments). To date, 1300 catch basins have been stenciled once and 600 have been stenciled twice. In calendar year 2007, additional interns were hired to continue this (and other) efforts	On staff interns will assess each applicable catch basin during this summer to ascertain if re-stenciling is required.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP DESCRIPTION	RESPONSIBLE DEPT.	MEASURABLE GOAL	PROGRESS ON GOAL	PLANNED ACTIVITIES
3.1	Discharge Identification	Public Infrastructure	Discharges mapped	City has evaluated and identified all known discharge locations in the collection system	Continue with survey and map production

3.2	Drainage Mapping	Public Infrastructure	Map Production	In calendar year 2007, City entered into a cooperative partnership with the University of Massachusetts, Dartmouth, Engineering Department, with the initial primary focus of digitizing stormwater into the City's GIS system. The City has since applied for and been awarded, 2 additional grants (3 in total) from the Buzzards Bay National Estuary Project, to continue this effort. To date, since the inception of this program, there have been four students on staff during each semester, including the summer.	Continue with digitizing and survey

3.3	Illicit Discharge Identification	Public Infrastructure	Correct Illicit Discharges	On daily basis, City has CSO crew, pump station maintenance crew and Shellfish Warden investigate dry weather discharges. Further, there is an established program to identify illicit discharges, through dye testing, that has identified, thus far, greater than 300 illicit cross connections, with 100% correction. In addition, in January 2007, the City received a $15,000 grant to improve water quality in order to open or protect shellfish beds. The City targeted a portion in the outerharbor to open this presently closed area for shellfishing. During the summer of 2007, after a lengthy dye study revealed no cross connections, City staff installed greater than 1200 feet of drainage with 16 structures (manholes and catch basins). The net result of this effort was the elimination of CSO 012.	Continue with established program

3.4	Enforce compliance to minimize illicit discharge	Public Infrastructure	Correct Illicit Discharges	City has revised its Sewer Use Ordinance to disallow illegal connections to storm system.	Enforce ordinance where necessary
3.5	Include information on Illicit Discharge on Flyer created for BMP 1.1	Public Infrastructure	Distribute flyer. Enact upon reported discharge.	Flyer was distributed to 26,000 properties (100,000 persons) throughout the City via utility invoices in Feb 2006.	Revise Flyer per submitted time frame.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP DESCRIPTION	RESPONSIBLE DEPT.	MEASURABLE GOAL	PROGRESS ON GOAL	PLANNED ACTIVITIES
4.1	Bylaw review	Conservation Committee	Review/modify existing Bylaws to ensure they adequately address permit requirements.	Bylaws under review. All mimic State laws.	Continue review. Update where necessary.
4.2	Subdivision Regulations Review	Planning Department	Review/modify existing regulations to ensure they adequately address permit requirements	Regulations under review. All mimic State Laws.	Complete review. Update where necessary.
4.3	Zoning Bylaw review	Planning Department	Review/modify existing Bylaws to ensure they adequately address permit requirements	Bylaws under review	Complete review. Update where necessary.

5. Post-Construction Stormwater Management in New Development and Redevelopment

BMP ID #	BMP DESCRIPTION	RESPONSIBLE DEPT.	MEASURABLE GOAL	PROGRESS ON GOAL	PLANNED ACTIVITIES

5.1	Bylaw review	Conservation Committee	Review/modify existing Bylaws to ensure they adequately address permit requirements.	Bylaws under review All mimic State laws.	Continue review. Update where necessary.
5.2	Subdivision Regulations Review	Planning Department	Review/modify existing regulations to ensure they adequately address permit requirements	Regulations under review All mimic State laws.	Complete review. Update where necessary.
5.3	Zoning Bylaw review	Planning Department	Review/modify existing Bylaws to ensure they adequately address permit requirements	Bylaws under review All mimic State laws.	Complete review. Update where necessary.

6. Minimum Control Measures for Pollution Prevention/Good Housekeeping

BMP ID #	BMP DESCRIPTION	RESPONSIBLE DEPT.	MEASURABLE GOAL	PROGRESS ON GOAL	PLANNED ACTIVITIES
6.1	Protocol Implementation	Public Infrastructure	Implement preventive maintenance techniques to sewer system	City conducted 5,160 sewer inspections, rodded 24,069 feet of sewer, and jetted 102,675 feet of sewer	Continue with program
6.2	Annual Training	Public Infrastructure	Train staff on stormwater and pollution prevention techniques	Stormwater awareness has been included in our Department's Environmental Management System Training.	Continue with training....Update training where necessary
6.3	Permit Filing	Public Infrastructure	Permits filed, as needed	During all applicable excavation efforts, Public Infrastructure staff review project with Conservation Staff	Continue with protocol
6.4	Street Sweeping	Public Infrastructure	Sweep 2,600 miles annually	In calendar year 2007, City swept 9,595 miles of streets.	Continue with sweeping effort

6.5	Catch Basin Cleaning	Public Infrastructure	Clean minimum of 1000 catch basins per year	In calendar year 2007, City cleaned 3,912 catch basins	Continue with catch basin cleaning effort

Part IV. Summary of Information Collected and Analyzed

The local Shellfish Constable in conjunction with Massachusetts Division of Marine Fisheries Staff will conduct a minimum of 6 sampling events at 6 locations per event, during the course of a year. Pending the results revealed, additional samples may be collected. As a matter of protocol, should any sample reveal a higher than normal fecal coliform count, this event will trigger an investigatory response throughout the collection system until the problem is resolved.

Further, on daily basis, City has CSO crew, pump station maintenance crew and Shellfish Warden investigate dry weather discharges. Further, there is an established program to identify illicit discharges, through dye testing, that has identified, thus far, greater than 300 illicit cross connections, with 100% correction.

Lastly, as mentioned in the report, through a concerted effort costing the City more than $240,000, in time and materials, the City eliminated CSO 012 - opening this once polluted area for shellfishing.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Watershed Management

BRP WM 08A NPDES Stormwater General Permit Notice of Intent for Discharges from Small Municipal Separate Storm Sewer Systems (MS4s)

F. Storm Water Management Program TIME FRAMES

Transmittal Number W035855

Facility ID (if known)

	PERMIT YEAR ONE				PERMIT YEAR TWO				PERMIT YEAR THREE				PERMIT YEAR FOUR				PERMIT YEAR FIVE				
BMP ID #	Spring 03	Summer 03	Fall 03	Winter 03-04	Spring 04	Summer 04	Fall 04	Winter 04-05	Spring 05	Summer 05	Fall 05	Winter 05-06	Spring 06	Summer 06	Fall 06	Winter 06-07	Spring 07	Summer 07	Fall 07	Winter 07-08	Next Permit
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Department of Public Infrastructure

Ronald H. Labelle
Commissioner

Water
Wastewater
Highways
Engineering

CITY OF NEW BEDFORD
Scott W. Lang, Mayor

April 28, 2008

Ann Herrick - CIP
United States EPA Region 1
1 Congress St., Suite 1100
Boston, MA 02114-2023

Re: 2008 Phase II Report

Dear Ms. Herrick:

For your review, enclosed please find the City of New Bedford's Phase II MS4 annual permit report summarizing our progress on stormwater activities conducted from March 2007 – March 2008.

The City of New Bedford has completed the required self-assessment and has determined that our municipality is in compliance with permit conditions.

Should you have any questions, please contact me directly at 508-979-1556.

Sincerely,

Ronald H. Labelle
Commissioner

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RONALDL@CI.NEW-BEDFORD.MA.US