

MAY 06 2014

Municipality/Organization: City of New Bedford, MA
EPA NPDES Permit Number: MAR041140
MA DEP Transmittal Number: X-258288
**Annual Report Number
& Reporting Period:** Year 10: April 1, 2012 - March 31, 2013

**NPDES PII Small MS4 General Permit
Annual Report
(Due: May 1, 2013)**

Part I. General Information

Contact Person: Ronald H. Labelle **Title:** Commissioner
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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: Ronald H. Labelle
Title: Commissioner, Department of Public Infrastructure
Date: 4/30/14

Part II. Self-Assessment

The City of New Bedford has completed the required self-assessment, and with the exception of conducting public outreach and education during this reporting period, has determined that the municipality is in compliance with all permit conditions.

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 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 11
1-1	Education Flyer/Fact Sheet Distribution	Public Infrastructure	Flyer/Fact Sheet Update and distribute per time line	Flyer submitted to 26,000 properties in July 2009. None to report for Year 10.	Review and update as needed the Educational Flyer. Research pre-printed flyer material for distribution. Attend greater New Bedford Home Show on March 8-9, 2014. Plan and conduct City wide public meeting.
1-2	Annual Meeting	Public Infrastructure	Public Meeting Advertised and Conducted	City wide public meeting not conducted during this reporting period. Public meeting held for Sassaquin Pond Neighborhood Association to address specific stormwater related issues.	Continue to work with the Sassaquin Neighborhood Association. Attend greater New Bedford Home Show on March 8-9, 2014. Upon review and update flyer for posting on City's web site.
1-3	Web-page Flyer	MIS	Placement of stormwater flyer on City's website	The City's MIS department is continuing to update the website.	
1-4	Household Hazardous Waste Collection Day	Greater New Bedford Regional Refuse Management	Two Collection Days Held per Year	Household Hazardous Waste Collection Days were held in the Spring and Fall.	Household Hazardous Waste Collection Days planned for April 27 th and October 26 th .
1-5 (same as 2-3)	Stencil Catch Basins	Public Infrastructure	Catch Basins Stenciled	Public Infrastructure has and continues to install permanent medallions on catch basins stating "Do Not Dump – Drains to Bay" as the inlets are replaced.	Continue to install permanent medallions and stencil catch basins with assistance from environmental groups.

1a. Additions

No Additions to Control Measure 1

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 11
2-1	Encourage Public Participation	Public Infrastructure	Mail flyer for distribution and hold annual public meeting	Coordinated with Sassaquin Pond Neighborhood Association to address stormwater pollution prevention controls.	Hold public City wide meeting, update and submit new flyer. Coordinate with MIS for posting on City website.
2-2	Establish Stormwater Management Committee	Public Infrastructure	Committee meets to review program's progress	Stormwater Committee formalized a draft ordinance. Draft Stormwater Ordinance submitted to City Council for approval on March 19, 2013. The Vote failed to pass.	Attend greater New Bedford Home Show on March 8-9, 2014. Stormwater Committee to review City Council comments and incorporate into ordinance. Coordinate with City Council prior to resubmittal.
2-3 (same as 1-5)	Stencil Catch Basins	Public Infrastructure	Catch Basins Stenciled	Public Infrastructure has and continues to install permanent medallions on catch basins stating "Do Not Dump – Drains to Bay" as the inlets are replaced.	Continue to install permanent medallions and stencil catch basins with assistance from environmental groups.

2a. Additions

No additions to Control Measure 2.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 11
3-1	Discharge Identification	Public Infrastructure	Stormwater Outfalls Mapped	The City has identified, evaluated, and digitized most stormwater discharge locations to GIS. There are a number of discharge points to be verified. The City's Stormwater and Conservation Staff continue to work to identify these locations.	Continue to update GIS mapping with identified stormwater discharge points. Coordinate activities with CMOM program and GIS needs assessment (see below).
3-2	Drainage Mapping	Public Infrastructure	Map of stormwater system	85 percent of the City's paper maps have been scanned to electronic format with data entered into GIS. Data continues to be refined. Stormwater maps continue to be digitized to GIS by City staff. Developed scope of work for consulting engineer to develop GIS needs assessment and formalized CMOM/LTPMP program.	Continue to update and digitize paper maps to GIS. Coordinate with sewer GIS mapping as part of CMOM program. Work with Engineering Consultant to conduct GIS needs assessment.
3-3	Illicit Discharge Identification	Public Infrastructure	Correct illicit discharges	City has initiated an IDDE program in Outfall 027 area with the goal of identifying illicit connections. Seven (7) illicit connections have been identified in this area; five (5) have been removed. To date, over 350 have been identified and removed Citywide.	Continue the IDDE program in OF 027 area with the goal of locating and identifying illicit connections. Remove the two (2) illicit connections in OF 027 area.
3-4	Enforce compliance to minimize illicit connections	Public Infrastructure	Correct illicit discharges	Stormwater ordinance with provisions for enforcement of illicit connections was submitted to City Council for approval. Council rejected Ordinance.	Stormwater Committee to review City Council comments and incorporate into ordinance. Coordinate with City Council prior to resubmittal.

3-5 (same as 1-1)	Education Flyer/Fact Sheet Distribution	Public Infrastructure	Flyer/Fact Sheet Update and distribute per time line to include illicit discharges.	None to report for Year 10.	Will review and update educational flyer as needed. Research purchase of pre-printed flyer materials. Attend greater New Bedford Home Show on March 8-9, 2014.
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3a. Additions

The City will be working with their on-call engineer to develop a GIS needs assessment with the goal of implementing those recommendations in conjunction with a computerized asset maintenance system (CMMS) by 2015 which will improve data tracking and maintenance activities. This work will be coordinated with the City's Administrative Order (AO) and Corrective Action Plan (CAP) schedule as submitted to the EPA.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 11
4-1	By-law Review/Stormwater Ordinance	Stormwater Committee	Review/modify existing by-laws to ensure they adequately address permit requirements.	Draft Stormwater Ordinance submitted to City Council for approval on March 19, 2013. The Vote failed to pass.	Stormwater Committee to review City Council comments and incorporate into ordinance. Coordinate with City Council prior to resubmittal.
4-2	Subdivision Regulation Review	Planning Department	Review/Modify existing regulations to ensure they adequately address permit requirements	Draft Stormwater Ordinance submitted to City Council for approval on March 19, 2013. The Vote failed to pass.	Stormwater Committee to review City Council comments and incorporate into ordinance. Coordinate with City Council prior to resubmittal.
4-3	Zoning By-Law Review	Planning Department	Review/Modify existing regulations to ensure they adequately address permit requirements	Draft Stormwater Ordinance submitted to City Council for approval on March 19, 2013. The Vote failed to pass.	Stormwater Committee to review City Council comments and incorporate into ordinance. Coordinate with City Council prior to resubmittal.

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 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 11
5-1	Bylaw review	Stormwater Committee	Review/Modify existing regulations to ensure they adequately address permit requirements	Draft Stormwater Ordinance submitted to City Council for approval on March 19, 2013. The Vote failed to pass.	Stormwater Committee to review City Council comments and incorporate into ordinance. Coordinate with City Council prior to resubmittal.
5-2	Subdivision Regulations Review	Planning Department	Review/Modify existing regulations to ensure they adequately address permit requirements	Draft Stormwater Ordinance submitted to City Council for approval on March 19, 2013. The Vote failed to pass.	Stormwater Committee to review City Council comments and incorporate into ordinance. Coordinate with City Council prior to resubmittal.
5-3	Zoning By-Law Review	Planning Department	Review/Modify existing regulations to ensure they adequately address permit requirements	Draft Stormwater Ordinance submitted to City Council for approval on March 19, 2013. The Vote failed to pass.	Stormwater Committee to review City Council comments and incorporate into ordinance. Coordinate with City Council prior to resubmittal.

5a. Additions

There are no additions to Control Measure 5.

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 10 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 11
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6-1	Protocol Implementation	Public Infrastructure	Implement preventive maintenance techniques.	Protocol implementation includes: 1. Preventive Maintenance Strategies – conducted assessment of preventive maintenance and inspection strategies. Identified “gap” which are being address in City’s LTPMP. 2. City planted 150 trees. 3. Replaced 2,920 ft of full width sidewalk with 4-ft sidewalk and 3-ft grass strip to promote infiltration of runoff. This equates to the removal of 8,760-sf of impervious area. 4. Sassaquin Pond – Conducted stormwater study. Attended neighborhood association meetings. Designed source control measures. 5. Vehicle Washing Activities – wash water is directed to sewer. 5. 6. Park and Landscape Maintenance – Coordinated with Buttonwood Park Zoo to address non-point source pollution prevention measures. 7. Trash Cleanup – The City routinely conducts street sweeping and trash clean-up along City streets and in City owned property. Trash barrels are located within City streets and City owned property which are emptied on a routine basis. 8. Stormdrain Maintenance – 26 repairs to the storm drain system were made during this reporting period. 9. Sensitive Receptors – See Sassaquin Pond. 10. Storage of Sand and Salt – None to report.	1. Coordinate SOP development as part of CMOM LTPMP program requirements. 2. Continue to plant street trees 3. Continue to improve city streets. 4. Continue to evaluate Sassaquin Pond stormwater control measures. 5. Continue to replace and maintain drain pipe in conjunction with sewer system maintenance.
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6-2	Annual Training	Public Infrastructure	Train staff on stormwater and pollution prevention techniques	City continued with training on stormwater and pollution prevention techniques.	As part of CMOM program and CAP, formalized training documents are being developed. Coordinate those documents with stormwater and pollution prevention techniques.
6-3	Permit Filing	Public Infrastructure	Permits filed, as needed	For all city projects, crews coordinated with the Conservation Commission prior to construction.	Continue coordinating with Conservation Commission.
6-4	Street Sweeping	Public Infrastructure	Sweep 2,600 miles annually	In calendar year 2012, City swept 7,479 miles of streets	Continue street sweeping program on an annual basis.
6-5	Catch Basin Cleaning	Public Infrastructure	Clean a minimum of 1,000 catch basins annually	In calendar year 2012, City cleaned 986 catch basins.	Continue to clean catch basins on an annual basis.

6a. Additions

As part of the City's CMOM program, standard operating procedures (SOPs) are being developed for inspection, operation, and maintenance of the City's collection system. SOPs for stormwater system inspection and maintenance will be coordinated with these efforts.

As part of the City's AO, begin work on developing a Long Term CSO Control Plan/Integrated Municipal CIP which will include both green and gray strategies to address CSOs and stormwater runoff to the receiving waters and collection system.

7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA)

Not Applicable

Part IV. Summary of Information Collected and Analyzed

The local Shellfish Constable in conjunction with Massachusetts Division of Marine Fisheries staff continue to conduct sampling within New Bedford's receiving waters with a minimum of 6 sampling events at 6 locations per event, during the course of the year. Pending the results, 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 investigation within the collection system until the problem is resolved.

The Stormwater Committee submitted to City Council for approval a draft stormwater ordinance on March 19, 2013. The Ordinance did not pass. As such, the Stormwater Committee, will make revisions to the document with the goal of resubmittal to the City Council in 2014.

The current stormwater program will be coordinated closely with the City's CMOM program and AO activities related to asset management and business practice improvements. In addition, as part of the City's proposed development of an Integrated Municipal Stormwater and Wastewater Plan, alternatives and recommendations will be developed in context with current MS4 permitting requirements.