

MAY 06 2014

Municipality/Organization: City of New Bedford, MA

EPA NPDES Permit Number: MAR041140

MA DEP Transmittal Number: X-260707

Annual Report Number
& Reporting Period: Year 11: April 1, 2013 - March 31, 2014

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NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2014)

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 has determined that the municipality is in compliance with all permit conditions. In lieu of a formalized public outreach program/public meeting; the City is conducting informal efforts at various events to reach a larger and more diverse audience including both city residents and those within surrounding communities.

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 11 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 12
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. Flyer has been reviewed and distributed at the Greater New Bedford Chamber of Commerce annual Home Show held on March 8 & 9, 2014.	<p>Participate in Earth Day Event and Home Show on March 7 and 8, distribute flyers at each.</p> <p>Provide flyers to MIS Department for posting.</p> <p>Place flyers at City locations such as City Hall, Libraries and Public Infrastructure Office.</p> <p>Research pre-printed flyer material for distribution.</p>
1-2	Annual Meeting	Pubic Infrastructure	Public Meeting Advertised and Conducted	<p>A formal city wide public meeting was not conducted during this reporting period; however, the City attended the Home Show which was attended by over 1,400 people. Based on prior formal public meetings, this event captured a greater audience of not only residents of New Bedford but regionally to surrounding communities.</p> <p>Public meetings were held with the Sassaquin Pond Neighborhood Association to address specific stormwater related issues.</p>	<p>Plan for and conduct a formal city wide stormwater annual meeting.</p> <p>Participate in Earth Day Event and Home Show on March 7 and 8, distribute flyers at each.</p>
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.	Post flyers to web site

1-4	Household Hazardous Waste Collection Day	Greater New Bedford Regional Refuse Management	Two Collection Days Held per Year	Household Hazardous Waste Collection Day was held on April 27 th and October 26 th , 2013.	Household Hazardous Waste Collection Days will be held on April 26 th and October 26 th . Drug Take Back Day will also be held on April 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. This year, 0 medallions were installed.	Continue to install permanent medallions 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 11 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 12
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. Attended Home Show on March 8-9, 2014.	Hold public City wide meeting, update and submit new flyer. Coordinate with MIS for posting on City website. Participate in Earth Day Event and Home Show on March 7 and 8, distribute flyers at each.
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.	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. This past year 40 medallions were installed.	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 11 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 12
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. Continue coordinating 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. Hired the services of a consulting engineer to conduct GIS needs assessment and develop 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 implement improvements.
3-3	Illicit Discharge Identification	Public Infrastructure	Correct illicit discharges	City conducted 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. Worked with consulting engineer to develop draft approach for dry weather sampling within stormwater system.	Redirect the two (2) illicit connections in Outfall 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.	Resubmit to City Council for approval.

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.	Attended Home Show on March 8 and 9, 2014 and discussed various aspects of stormwater and sewer system operation and maintenance with public from New Bedford and surrounding communities.	Dispute flyer at Earth Day and Home Show events and at City owned locations. Research purchase of pre-printed flyer materials.
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3a. Additions

The City will be working with their on-call engineer to evaluate the recommendations from the 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 11 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 12
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.	Resubmit to the City Council for approval.
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.	Resubmit to the City Council for approval.
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.	Resubmit to City Council for approval.

4a. Additions
No Additions

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 11 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 12
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.	Resubmit to City Council for approval.
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.	Resubmit to City Council for approval.
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.	Resubmit to City Council for approval.

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 11 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 12

6-1	Protocol Implementation	Public Infrastructure	Implement preventive maintenance techniques.	<p>Protocol implementation includes:</p> <ol style="list-style-type: none"> 1. Preventive Maintenance Strategies – conducted assessment of preventive maintenance and inspection strategies. Identified “gaps” which are being address in City’s LTPMP. 2. City planted 120 trees. 3. Replaced 3,770 feet of full width sidewalk and installed within 6 subdivisions, 3,340 feet of 4-ft sidewalk and 3-ft grass strip (10,020 sf of impervious area removed) and 3 detention basins to promote infiltration of runoff. 4. Sassaquin Pond – Conducted stormwater study. Attended neighborhood association meetings. Implemented source control measures (water fowl management). Installed 5 leaching catch basins /tree box filters to promote infiltration. 5. Vehicle Washing Activities – wash water is directed to sewer 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 – 8 repairs to storm drain pipes were made during this reporting period. 9. 1,037 ft of 18” storm drain and 5 drain manholes were installed in Howard Ave. 10.Sensitive Receptors - See Sassaquin Pond. 11.Storage of Sand and Salt – None to report. 	<ol style="list-style-type: none"> 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 Sassaquin Pond stormwater control measure improvements. 5. Continue to replace and maintain drain pipe in conjunction with sewer system maintenance. 6. Rebuild/replace the City’s Salt shed. 7. Conduct training related to standardized approach for CCTV and manhole inspections. Coordinate standardized inspection procedures with CMOM program and stormwater investigations. 8. Research acoustical inspection technology for screening of pipelines for cleaning and follow-up inspection.
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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. Conduct training related to standardized approach for CCTV and manhole inspections. Coordinate standardized inspection procedures with CMOM program and stormwater investigations.
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 2013, City swept 8,224 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 2013, City cleaned 627 catch basins.	Continue to clean catch basins on an annual basis.
6-6	Pet Waste Collection	Public Infrastructure	Purchase pet waste collection bags	Purchased \$5,000 in pet waste collection bags for placement at various locations to mitigate non-point source pollution.	Continue to purchase pet waste collection bags.

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. These are expected to be in draft form by spring 2014.

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. Thirty one (31) sampling events were conducted during the 2013 calendar year. 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 in early 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.