

Municipality/Organization: City of Gloucester

EPA NPDES Permit Number: MA041192

MassDEP Transmittal Number: W-035854

Annual Report Number Year 7
& Reporting Period: April 1, 2009 – March 31, 2010

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Michael Hale, AICP Title: DPW Director

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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: Carolyn Kirk

Title: Mayor

Date: 6/14/10

Part II. Self-Assessment

The City has continued to update its stormwater and sewer systems in the downtown area tributary of the CSO-002 outfall. The CSO-002 area is approximately 300 acres and generally bound by Dory Road to the north, Conant Avenue to the west, Western Avenue to the south, and Green Street to the east. The project's goal is to reduce the amount of storm water that enters the combined and sanitary sewer systems and will be achieved by providing new storm drains and rehabilitating existing combined and sanitary sewers. The project is being conducted in 2 phases. Phase 1 was completed in April 2009 where nine common manholes were separated and 33 illicit connections were removed from the storm drain system in the CSO 002 area. As a result of the Phase 1 contract, approximately 70 million gallons of stormwater was removed from the City's sewer system and wastewater treatment facility in a typical year. This was accomplished by connecting existing 18-inch diameter and 40-inch diameter storm drains at the intersection of Washington Street and Prospect Street to the recently constructed large diameter drain pipe where they were once ultimately discharging to the wastewater treatment facility unnecessarily. The City's residents were extremely supportive of the project and helped contribute to make the Phase 1 project very successful. The Phase 2 contract includes repair and replacement of storm drains and catchbasins in the lower CSO-002 catchment area. As of May 1, 2010 the entire CSO-002 separation work has been completed with the exception of approximately 1,000 linear feet of new drains to be installed on Pleasant Street.

The City has continued to hold successful Hazardous Waste Day's and leaf pick up weeks to deter illegal dumping. It continues to collaborate with Northshore Audubon, Eight Towns and the bay, Salem Sound Coastwatch and NOAA to monitor various sites around the city as well as public involvement. The City has also revised their Stormwater Management Ordinance Erosion & Sediment Controls and are awaiting finalization to present it to the City Council for passage.

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities
3-1 Revised	Inspect City Discharges	DPW	Locate, inspect, record condition, dry weather flow	No activities planned for year 7	New permit requirements to be addressed in Notice of Intent.
3-2 Revised	Structure Mapping	Engineering, DPW	Locate structures, compile database, create map	Mapping completed in year 5. Plans updated as needed.	New permit requirements to be addressed in Notice of Intent.
3-3 Revised	Non-stormwater Discharge Education	Mayors Office	Flyers, record and enforce illegal dumps, cleanup	Flyers available at City Hall, City Hall Annex, and DPW	New permit requirements to be addressed in Notice of Intent.
3-4 Revised	Septic System Controls	Board of Health	Maintain systems, document failing systems, repair	Health Department has recorded all repairs of septic systems	New permit requirements to be addressed in Notice of Intent.
3-5 Revised	Illicit Discharge Ordinance	City Council	Create ordinance, eliminate illicit discharges to MS4	Ordinance is awaiting passage with the City Council.	New permit requirements to be addressed in Notice of Intent.