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Municipality/Organization: City of Gloucester

EPA NPDES Permit Number: MA041192

MassDEP Transmittal Number: W--035854

Annual Report Number & Reporting Period: Year 6
April 1, 2008 – March 31, 2009

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Michael Hale, AICP Title: DPW Director

Telephone #: 978-281-9785 Email: mhale@ci.gloucester-ma.gov

Mailing Address: C/O City Hall 9 Dale Ave, Gloucester, MA 01930

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: 1/20/11

Part II. Self-Assessment

As part of a federally mandated Combined Sewer Overflow project, the City continued to update its stormwater and sewer systems within the downtown area. Approximately 20 illicit connections were removed and redirected into the sanitary sewer within the CSO-002 catchment area. Common drain and sewer manholes were separated in the 002 CSO tributary area to reduce wet weather flows to the CSO-002 and reduce the number of overflows. The City is continuing to develop models and engineering specifications to further abate the CSO's in other areas of the downtown including the CSO-004, 005, and 006 catchment areas. Monitoring of stormwater and sewer flows is a daily occurrence as the plans are developed and the city furthers its understanding of the CSOs.

An initiative aimed at improving and providing better water quality in the Walker Creek and associated watersheds has begun and as a result, approximately 80 property owners of failed septic systems will be upgrading their systems.

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 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities
1-1 Revised	Classroom Stormwater Education	School Committee	Teachers instruct classes and present material gathered in year one		
1-2, 1-3 Revised	Using the Media	Engineering	Supply DPW, City Hall and Public Library with flyers and fact sheets. Distribute flyers to Gloucester Residents	Posters posted at City Hall, City Hall Annex, and DPW Sites	Continue to post informational pamphlets and posters at public sites
1-4 Revised	Hazardous Waste Mgt.	DPW	Bi-annual hazardous waste collection	Held annual Hazardous Waste Day	Continue to hold an annual Hazardous Waste Day

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 6 (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 6	No activities planned for year 7.
3-2 Revised	Structure Mapping	Engineering, DPW	Locate structures, compile database, create map	Mapping completed in year 5. Updated plans as needed.	Update plans as needed.
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	Continue to provide educational flyers to the public.
3-4 Revised	Septic System Controls	Board of Health	Maintain systems, document failing systems, repair	Health Department has recorded all repairs of septic systems. Approx 80 owners of failed septic systems will be upgrading their systems	Continue to record all repairs to septic systems.
3-5 Revised	Illicit Discharge Ordinance	City Council	Create ordinance, eliminate illicit discharges to MS4	Ordinance is being developed to present to City Council.	City Hall to pass Ordinance.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities
4-1	Ordinance review/Update	City Council	Maintain and enforce exist. Regs, dev. Storm drain regs.	Storm drain regulations are being developed for passage by City Council.	City Council to pass finalized regulations.
Revised					
4-2	Construction Inspection	City Council	Dev. Soil and erosion control ord., maintain inspections	Storm drain regulations are being developed for passage by City Council.	City Council to pass finalized regulations.
Revised					

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 6 (Reliance on non-municipal partners indicated, if any)	Planned Activities
6-1 Revised	Catch basin Cleaning	DPW	Develop program, collect data, refine program	BMP complete, City owns vactor truck which continually cleans catchbasins throughout year with focused efforts on problem catchbasins.	Any new data collected will be incorporated into program.
6-2 Revised	Street Cleaning	DPW	Sweep roads annually, parking lots	Street sweeping conducted March to November.	Continue street sweeping March to November.
6-3 Revised	Pipe Cleaning	DPW	Clean 25% of System	Cleaned pipes as problems are discovered.	Continue to clean as problems are discovered.
6-4 Revised	Pipe Installations	Engineering, DPW	Replace portion of pipe, catchbasins annually	Common drain and sewer manholes were separated in the 002 CSO tributary area projects includes replacement of drains and catchbasins	Continue to replace pipes and catchbasins as problems are discovered.
6-5 Revised	Investigate City BMP's	DPW	Inspect 3 BMP'S/Year, Implement Retrofits	No activities were planned for year 6.	No activities are planned for year 7.