

Municipality/Organization: EASTHAMPTON, MA

EPA NPDES Permit Number: MAR041006

MaDEP Transmittal Number: W-036183

**Annual Report Number
& Reporting Period:** No. 3: March 06-March 07

NPDES PII Small MS4 General Permit Annual Report

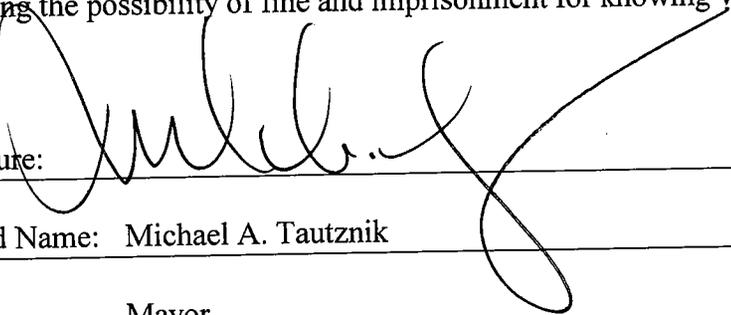
Part I. General Information

Contact Person: James A. Gracia **Title:** City Engineer

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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: Michael A. Tautznik

Title: Mayor

Date: 8-14-07

Part II. Self-Assessment

The City of Easthampton has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions, except for the following provisions:

Part II.B.1 Public education and outreach program has been initiated on a very limited basis. An informational letter has been sent to all builders, developers, and site contractors in our area informing them of the Construction General Permit requirements. Plans for an open forum to present the requirements of our expanded Stormwater Management Program have not progressed as planned, but we will continue to work toward that goal during the coming year. The planned open forum will be aimed at local land developers, excavation contractors, farmers, and private property owners.

Part II.B.2 The Public Involvement and Participation Component of the permit has been instituted on a very informal basis. Upon initiation of the public education component mentioned above, the public shall be allowed to provide input to the program, through open public sessions. An existing volunteer group has been in existence for a number of years already, acting as a “watch dog” group for the Nashawannuck Pond and its tributaries. This group has been responsible for a number of improvements in the pond and its tributaries, with the goal of improving the water quality and removing the pond from the 303d listing of impaired waters. We are making progress toward dredging the pond which will be a focal point for future public education concerning stormwater management and erosion control. If all goes according to plan, the actual dredging of the pond will be started in the Spring of 2008. Since this will be a very visible project, the subject of stormwater management will be discussed at various public forums relating to the dredging work.

Part II.B.4 The Construction Site Stormwater Control program is in need of additional local regulatory controls which specifically target construction activities outside of the jurisdiction of the local Conservation Commission and the MA Wetlands Protection Act. A draft for a local ordinance will be submitted to our Planning Board very shortly. Open public discussions concerning the local ordinance will be addressed during a number of public hearings and forums during the process to accept and enact the required ordinance.

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1	Promote a Stormwater Program	DPW, Planning Board, Conservation Commission, Board of Health, Mayor	Easthampton will present to the public at a public meeting Easthampton's draft Comprehensive Stormwater Management Program	Preparation for this planned program has been limited to discussions at this time.	Produce literature for distribution at local Fall Festival and in a display in Municipal Office Building. Hold open forum with local boards and all interested parties to discuss potential modifications to our local subdivision control law and wetland regulations.
Revised					
2	Identify financial support for a Stormwater Program	DPW	Identify appropriate sources of funding assistance (grants) and apply for assistance in implementing portions of Stormwater Management Program	Upgrades to our existing stormwater system have been routinely funded as part of our annual road improvement program funded by state programs for highway improvements (Chapter 90). Continued vigilance by our Planning Department for grant programs which can include stormwater work.	Continue to target grant programs with the aim of enhancing and evaluating the existing in-house data and mapping. Utilize existing budgets to whatever extent possible to continue stormwater management of municipal facilities and roadways.
Revised					
3	Target groups likely to impact stormwater	DPW	Produce literature targeting specific groups and activities which impact stormwater	Development proposals brought before the City in the past year have been made aware of the requirement to file for the federal stormwater permit. Samples of specific literature have been collected, but a comprehensive brochure has not been prepared yet.	Finalize and publish literature for distribution. Prepare literature for broadcast on local public access television.
Revised					
4	Identify alternative information sources	DPW	Post links on local website(s) to CT River Watershed Council website and to MA DEP and USEPA websites	MA DEP, USEPA, and CT River Watershed Council websites have been reviewed.	Contact our new City of Easthampton website administrator about adding links to the appropriate websites.
Revised					

5	Utilize local public access channel	DPW	Post public meeting notices concerning review of Easthampton Comprehensive Stormwater Management Program on local community access channel	No meetings have been held yet.	Plan and schedule public meetings and post on local Community Access Channel. Broadcast open forums on Public Access channel.
Revised					
6	Develop, conduct, and document educational programs	DPW, CT River Watershed Council Liaison	City to appoint liaison to CRW Council to disseminate info on programs and activities of CRWC	We no longer have a local representative on the CRW Council, however, we are kept informed of issues relating to that Council.	Continue to maintain communications with the CRW Council through our Planning Department.
Revised					

1a. Additions

7	Promote household waste recycling	DPW, Board of Health	Sponsor Hazardous Waste Recycling Days	Held four hazardous waste collection days and two City wide Bulk Waste pick ups.	Will continue to hold HW collection days on an annual basis as budgets allow.

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
8	Storm Drain Stenciling	DPW	Work with local youth groups to develop stenciling projects	Stenciling of catch basins was last done by an Eagle Scout candidate in 2002. No other youths have been recruited to continue the project.	A main thoroughfare was reconstructed this past year. We will ask local schools and scout troops for volunteers to stencil the new basins upon completion of the roadway paving.
Revised					
9	Community Wetland Resource Area Clean-Up Days	DPW, Conservation Commission	City will encourage local stream clean-ups by local residents and youth groups. Solicit volunteers and sponsors in local access TV channel	Annual Community clean-up day held again this year. Clean-up along Nashawannuck Pond was included. Local business owner group along the pond provide funding and volunteer labor to keep edge of pond clean.	Try to expand clean-up day to include tributary streams feeding Nashawannuck Pond.
Revised					
10	Community Clean-Up Days	DPW	City to provide trucks and equipment for community clean-up efforts and disposal of waste	Annual Community Clean-up Day held in May. Clean-up Day has been held for last several years.	Continue Community Clean-up Day
Revised					

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
11	Identify Financial Assistance for inventory and Mapping of Storm Drain System	DPW	Identify appropriate sources of funding assistance (grants) and apply for assistance in implementing portions of Stormwater Management Program	A 604b grant proposal was submitted to fund a detailed study of one particular drainage basin, but grant application was denied. The work would help enhance our existing mapping system.	Continue to submit grant request for 604b funding to do the same type of work. Watch for additional grant sources.
Revised					
12	Mapping and identification of outfalls and receiving waters	DPW	Continue to maintain and update maps of all outfalls and receiving bodies of water	Prior mapping of all known outfalls, drainage structures, and conveyances has been updated with new information obtained in the field. New catch basins installed and existing catch basins replaced were documented on plans. Original mapping did not accurately show the route of all pipelines from structure to structure, therefore, corrections and edits were made to the base map as information became available.	Continue to edit drainage system base map. Location of any unmapped stormwater outfalls shall be determined and added to the maps. Stormwater systems on new subdivisions to be added as plans become available and systems are constructed.
Revised					
13	Identification/description of problem areas	DPW	Continue to develop and implement an Illicit Discharge Detection and Elimination plan.	Prior mapping and dry weather sampling has already identified and prioritized outfalls which require additional investigation. After several attempts to locate an illicit connection, the connection was found and repaired.	Continue to investigate and correct, where feasible, known problem outfalls.
Revised					

14	Enforcement procedures addressing illicit discharges	Planning Board, City Council, Board of Health	Review whether local authority is appropriate and able to respond to potential illicit discharges. New bylaws, if necessary, to be proposed	Existing City of Easthampton Ordinances allow the Board of Health or their agent to enforce blatant illicit discharges. More study is needed to determine if existing ordinances are sufficient for proper enforcement of illicit discharge prohibitions.	Review existing ordinances as they pertain to illicit discharges into stormwater system or open water bodies. Present a draft Stormwater Management Ordinance to the Planning Board for review and eventual adoption.
Revised					
15	Public Information program regarding hazardous wastes and dumping	DPW, Board of Health	Provide educational brochures to residents promoting proper disposal of household hazardous wastes	A display is maintained by the Board of Health and the City Planner containing pamphlets and literature for a number of different good house keeping procedures as they pertain to household hazardous waste storage and disposal.	Maintain a supply of brochures at counter in municipal office building which explains potential problems with illicit dumping of hazardous waste.
Revised					
16	Initiation of Recycling Programs	DPW, Board of Health	Apply for funding assistance from DEP Recycling Grant Program for assistance in public education and the purchase of recycling materials	City currently maintains and operates a recycling center at the Highway Department Yard. Recyclables accepted are paper/cardboard products, glass, cans, bottles, plastics, metals, automotive batteries, and yard wastes. Waste oil is also collected and burned in waste oil furnaces in the Highway Department buildings. Bulky appliances are accepted if refrigerants are properly removed.	City Planning Department will continue to apply for grants as they become available for all phases of the recycling program.
Revised		Add Planning Department			

3a. Additions

17	Watershed Assessments and studies	DPW, Conservation Commission, Board of Health Add Planning Department	Identify opportunities for funding assistance from 604b and 319 grant programs and from MA DEM Lakes and Ponds Grant Program to support watershed assessment and implementation activities. Tasks can include design and installation of stormwater BMP's and public outreach including storm drain stenciling. Emphasis will be on assessments and remediation of stormwater related problems impacting water quality in Nashawannuck Pond, which has been identified as impaired on the DEP 303d list.	The US Army Corp of Engineers has continued the engineering and environmental studies required before we can proceed with the dredging of Nashawannuck Pond. The City has appropriated our share of the costs for the dredging work and we have worked with our legislators to insure that the Federal and State share of the funding remains in place until the work begins. Projected start date is April 2008.	Applications will be submitted for any new grants which become available for stormwater work.
18	Watershed Assessments and studies	DPW, Water Department	Water Department will apply for funding assistance from DEP's Source Water Protection Program for grant assistance to develop wellhead protection plans and stormwater management plans within Zone II's	No new grants or funding assistance was obtained for Watershed Assessment, however, a local college professor has continued to study the Easthampton watershed as a learning tool for his hydro-geology students.	Submit applications for grants to assist with a stormwater management plan within our Zone II's.

Reduction in application on public land of: ("N/A" = never used; "100%" = elimination)		
▪ Fertilizers	(lbs. or %)	
▪ Herbicides	(lbs. or %)	
▪ Pesticides	(lbs. or %)	

Anti-/De-Icing products and ratios	% NaCl % CaCl ₂ % MgCl ₂ % CMA % Kac % KCl % Sand	
Pre-wetting techniques utilized	(y/n)	Y
Manual control spreaders used	(y/n)	Y
Automatic or Zero-velocity spreaders used	(y/n)	Y
Estimated net reduction in typical year salt application	(lbs. or %)	?
Salt pile(s) covered in storage shed(s)	(y/n)	Y
Storage shed(s) in design or under construction	(y/n)	N