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Municipality/Organization: City of Northampton, MA

EPA NPDES Permit Number: MA041016

MaDEP Transmittal Number: W-035904

Annual Report Number
& Reporting Period: No. 2: March 04-March 05

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: George Andrikidis Title: Director of Public Works

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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: Mary Clare Higgins

Title: Mayor

Date: April 29, 2005

Part II. Self-Assessment

The City of Northampton has completed the required self-assessment and has determined that our 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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
1.1	Stormwater Educational Brochure	DPW	General educational brochure developed and distributed by Fall '04.	Text and graphics for the educational brochure have been developed and formatted.	The educational brochure will be printed and distributed in the next year as the budget allows.
Revised			General educational brochure developed by Spring '04 and distributed by Fall '05.		
1.2	Stormwater Educational Information on DPW Website	DPW	Information on the Stormwater Management Program and other public educational material on DPW website.	Educational material on the DPW web site is being reworked to include information about Inflow and Infiltration and other homeowner related suggestions for managing stormwater and will be back on by Summer '05.	New information will continue to be put on the DPW web site.
Revised					
1.3	Stormwater Educational Outreach to Community School Groups	DPW	Educational Materials Available for use in schools and community groups by Fall '04	Stormwater project completed by Environmental Club at the High School Spring '04. Lack of interest for stormwater related projects during 04/05 school year.	Push for more cooperation between DPW and City schools.
Revised					
1.4	Tributary Signage	DPW	Tributary signage on five bridges in '05 and '07	None to date.	Work with the Conservation Commission to designate locations and design for tributary signs and investigate options to have them made.
Revised					
1.5	Targeted Educational Material	DPW	Educational signs put up at public pathways regarding proper pet waste disposal.	Signage installed at two City Parks.	Continue to increase awareness of Pet Owners to dispose of pet waste properly. Target downtown areas.
Revised					

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
2.1	Public Advisory Committee	DPW	Regular Advisory Committee meetings.	The Board of Public Works (BPW) has served as the public advisory committee for the Stormwater Management Program.	Continue to utilize the Board of Public Works as a means for public participation.
Revised					
2.2	Volunteer Water Quality Monitoring	DPW	Preliminary water quality monitoring and inspections throughout the City by volunteers by Spring '05.	Outfall Visual Inspection protocol developed for volunteers and visual inspections of priority outfalls completed by DPW staff and interns. Limited monitoring activities completed. Continuing to look for community volunteers.	Continue water quality visual assessments at priority outfalls throughout the City.
Revised					
2.3	Storm Drain Labels	DPW	Storm Drain labels on 5% of Catch Basins by Spring '05	Volunteers labeled 150 catch basins (5%) throughout the City.	Work with volunteers and students to label another 5% of the catch basins.
Revised					
2.4	Community Clean-Ups	DPW	Community Clean-Ups publicized and completed by Spring '05.	Downtown cleanup completed in Fall '04. Other neighborhood cleanups completed throughout the City.	Continue to expand the number of neighborhood cleanups.
Revised					

3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
3.1	Storm Sewer System Map	DPW	Complete storm sewer map and field verify by Spring '05.	Storm sewer map completed and field verification 85% complete.	Continue to complete field verifications and updates to storm sewer map. Add private stormwater management structures to map.
Revised					
3.2	Legal Prohibition and Enforcement	DPW	Illicit Connections and Discharges to the Municipal Storm Drain System Ordinance adopted by City Council.	Illicit Connections and Discharge to the Municipal Storm Drain System Ordinance adopted by the City Council and signed by the Mayor June 17, 2004.	Continue to enforce the Illicit Connections and Discharge to the Municipal Storm Drain System Ordinance.
Revised					
3.3	Illicit Discharge Detection and Elimination	DPW	Train employees to implement illicit discharge detection and elimination plan and enforce ordinance. Priority screening areas identified and targeted for inspections. Investigation and enforcement of illicit discharges and connections	Trained DPW employees to detect illicit discharges and connections. Investigated various public complaints and issued two violation notices. Visual inspection of priority outfalls conducted.	Continue to conduct visual inspections at priority outfalls. Investigation and enforcement of illicit discharges and connections as they are discovered.
Revised					
3.4	Targeted Educational Outreach	DPW	Conduct annual household hazardous waste collection. Outreach to the public on reporting illicit discharges.	Household Hazardous Waste Collection publicized and completed in May '04.	A Household Hazardous Waste Collection is scheduled for May 21, 2005. Continue educational outreach to the public for reporting illicit discharge to the storm drain system to the DPW.

4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
4.1	Erosion and Sediment Control Ordinance	DPW	Erosion & Sediment Control and Post Construction Stormwater Management Ordinance adopted by City Council.	Erosion & Sediment Control and Post-Construction Stormwater Management Ordinance adopted by the City Council and signed by the Mayor June 17, 2004.	Implement and Revise Erosion & Sediment Control and Post-Construction Stormwater Management Ordinance as necessary.
Revised					
4.2	Stormwater Site Plan Reviews	DPW	Procedures for site plan review implemented following adoption of Ordinance.	Reviewed all proposed development projects disturbing over 1 acre for compliance with the Erosion & Sediment Control and Post Construction Stormwater Management Ordinance.	Continue to review all development projects for compliance with the Erosion & Sediment Control and Post Construction Stormwater Management Ordinance.
Revised					
4.3	Stormwater Site Inspections	DPW	Procedures for Site Inspections Implemented following adoption of Ordinance.	Conducted site inspections and responded to public complaints regarding construction sites. Issued 2 Notices of Violation for problems at construction sites.	Continue inspections as required for compliance with the Erosion & Sediment Control and Post Construction Stormwater Management Ordinance.
Revised					
4.4	Construction Site Public Participation	DPW	Procedures for receiving information submitted by the public in place following adoption of Ordinance.	Stormwater Management Permit application process coincides with Planning Board review so that the Planning Board meeting serves as the Public hearing for each project.	Conduct further outreach to the public on how to identify and report stormwater runoff problems at construction sites.
Revised					

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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
5.1	BMP Strategies	DPW	Adopt or change City regulations to create a consistent post-construction runoff control strategy.	Post-construction runoff control strategy defined and adopted as part of Erosion and Sediment Control and Post-Construction Stormwater Management Ordinance.	Continue to maintain a consistent post-construction runoff control strategy. Conduct outreach to developers to educate about preferred runoff control BMPs.
Revised					
5.2	Runoff Control Performance Standards	DPW	Post-Construction runoff control performance standards incorporated into an Ordinance.	Performance standards developed and incorporated into the Erosion and Sediment Control and Post-Construction Stormwater Management Ordinance, which was adopted in June 2004.	Enforced compliance with post-construction runoff control performance standards through site plan review and site inspections. Draft a design manual of preferred structural and non-structural BMPs
Revised					
5.3	Structural BMP Inspection and Maintenance	DPW	Develop inspection schedules and a maintenance enforcement mechanism for structural stormwater controls throughout the city.	Updated existing structural BMP database. Proposed amendment to the Stormwater Management Ordinance to set up a procedure and fee for regular inspection of BMPs as well as a maintenance enforcement mechanism.	Adopt amendments to the Erosion & Sediment Control and Post Construction Stormwater Management Ordinance for BMP inspection and conduct inspections and enforce maintenance requirements.
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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
6.1	Drainage System Operation & Maintenance Program	DPW	Operation and maintenance (O&M) program implemented.	Implemented O&M activities as the budget allowed and set up a procedure to track maintenance.	Continue to implement O&M activities and identify ways to further reduce pollutant runoff through the storm drain system.
Revised					
6.2	Employee Training	DPW	Employee training completed	Employee training conducted throughout the year and distributed training materials in Spring/Summer '05.	
Revised					
6.3	Pollution Prevention BMPs	DPW	Pollution prevention BMPs identified and prioritized by Spring '05	Proposal for a new salt/sand shed at the DPW yard and city parking lot project to correct an erosion problem.	Construct salt/sand shed at DPW yard. Identify additional pollution prevention BMPs for DPW properties and activities and City Parking Lots.
Revised					

Part IV. Summary of Information Collected and Analyzed

None to date.