

**Municipality/Organization: City of Northampton, MA**

---

**EPA NPDES Permit Number: MA041016**

---

**MaDEP Transmittal Number: W- 035904**

---

**Annual Report Number**

**& Reporting Period:**

**No. 3: March 05-March 06**

---

## **NPDES PII Small MS4 General Permit Annual Report**

### **Part I. General Information**

**Contact Person: George Andrikidis**

**Title: Director of Public Works**

---

**Telephone #: 413-587-1570**

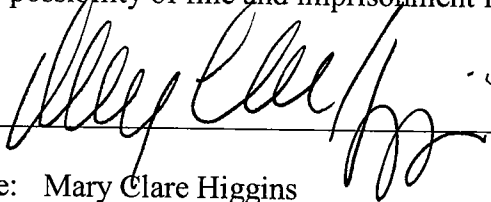
**Email: dpw@nohodpw.org**

---

#### 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 28, 2006**

---

## **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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
1.1	Stormwater Educational Brochure	DPW	General educational brochure developed and distributed by Fall 2004.	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 2004 and distributed by Fall 2006.		
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 reworked to include information about Inflow and Infiltration and other homeowner related suggestions for managing stormwater.	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 2004	Lack of interest for stormwater related projects during 05/06 school year.	Work with schools in the Spring of 2006 to plan stormwater projects in schools during the 06/07 school year.
Revised			Stormwater information used in classrooms as determined by interest.		
1.4	Tributary Signage	DPW	Tributary signage on five bridges in 2005 and 2007	None to date.	Work with the Conservation Commission to designate locations for tributary signs and investigate funding options.
Revised			Tributary signage on five bridges in 2006 and 2007.		
1.5	Targeted Educational Material	DPW	Educational signs put up at public pathways regarding proper pet waste disposal.	Signage installed at two City Parks—marginal improvement in pet waste clean up. DPW sponsored workshop on Healthy Lawns and Landscapes April 2006.	Continue to increase awareness of Pet Owners to dispose of pet waste properly. Plan a public workshop on rain garden design.
Revised					

## 2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
2.1 Revised	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.
2.2 Revised	Volunteer Water Quality Monitoring	DPW	Water quality monitoring and inspections throughout the City by volunteers.	Visual inspections of priority outfalls completed by DPW staff. Continued to look for community volunteers.	Continue water quality visual assessments at priority outfalls throughout the City. Work on forming a Mill River Watershed group to organize volunteers to conduct water quality visual assessments at outfalls throughout the city.
2.3 Revised	Storm Drain Labels	DPW	Storm Drain labels on 10% of Catch Basins by Spring 2006	Volunteers labeled 150 catch basins (5%) throughout the City in 2004 but none in 2005.	Work with volunteers and students to label another 10% of the catch basins in 2006
2.4 Revised	Community Clean-Ups	DPW	Community Clean-Ups publicized and completed by Spring 2006.	Multiple downtown cleanups completed. Other neighborhood cleanups completed throughout the City.	Continue to expand the number of neighborhood cleanups.

### 3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
3.1	Storm Sewer System Map	DPW	Complete storm sewer map and field verify by Spring 2005.	Storm sewer map completed and field verification 90% complete.	Continue to complete field verifications and updates to storm sewer map. Add drainage ditches 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.	Previously completed. (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	Priority screening areas identified and targeted for inspections. Investigation and enforcement of illicit discharges and connections	Investigated various public complaints. Visual inspections of priority outfalls conducted. Enforcement actions for one illicit discharge by MA DEP with the help of the DPW.	Continue to conduct visual inspections at priority outfalls. Investigation and enforcement of illicit discharges and connections as they are discovered. Priority inspections of catch basins adjacent to restaurants for dumping of cooking grease.
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 April 2006.	Continue Household Hazardous Waste Collection. Continue educational outreach to the public for reporting illicit discharge to the storm drain system to the DPW. Targeted educational outreach to restaurants concerning the proper disposal of grease.

#### 4. Construction Site Stormwater Runoff Control

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
4.1	Erosion and Sediment Control Ordinance	DPW	Erosion & Sediment Control and Post Construction Stormwater Management Ordinance adopted by City Council.	Completed. (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. Issued stormwater management permits for 12 construction projects and reviewed all projects applying for planning board permits.	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 1 Notice 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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
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.	Enforce compliance with post-construction runoff control performance standards through site plan review and site inspections. Continue to define the 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. For development projects with approved Stormwater Management Permits, required legally binding Stormwater Operation, Maintenance, and Inspection agreements as a condition of the permits. For projects permitted prior to the adoption of the Stormwater Management Ordinance, researched existing Planning Board and Conservation Commission permit conditions to enforce maintenance of private stormwater BMPs as necessary.	Complete the structural BMP database and research designs of all BMP structures. Complete initial round of inspections of BMP structures and enforce maintenance requirements. Continue to push for adoption of amendments to the Erosion & Sediment Control and Post Construction Stormwater Management Ordinance to include BMP inspection requirements and a maintenance enforcement mechanism.
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 3 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 4
6.1 Revised	Drainage System Operation & Maintenance Program	DPW	Operation and maintenance (O&M) program implemented.	Implemented O&M activities and set up a procedure to track maintenance. Purchase of a new street sweeper.	Continue to implement O&M activities and identify ways to further reduce pollutant runoff through the storm drain system.
6.2 Revised	Employee Training	DPW	Employee training completed	Completed in 2004	
6.3 Revised	Pollution Prevention BMPs	DPW	Pollution prevention BMPs identified and prioritized.	Constructed large storage structure at the DPW yard to store the salt/sand road de-icing mixture thereby eliminating all exposure of salt to the elements. Fitzgerald Lake conservation area parking lot reconstructed to correct a drainage problem that caused erosion.	Identify additional pollution prevention BMPs for DPW properties and activities as well as other Municipal properties and parking lots.



**Part IV. Summary of Information Collected and Analyzed**

None to date.