

4/30/10

Municipality/Organization: CITY OF PEABODY

EPA NPDES Permit Number: MAR 05D194

MaDEP Transmittal Number: W-035400

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

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## NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2009)

### Part I. General Information

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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: *Michael J. Bonfanti*

Printed Name: MICHAEL J. BONFANTI

Title: MAYOR OF PEABODY

Date: 4/27/10

### 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 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
1A Revised	Develop educ. resources	CD	SW Education Brochure	Mailed out in the fall of 2009 Greenscapes Guide-addresses stormwater education, pesticide application and composting. In addition, had rain garden how to manuals available at the DPS facility free to Peabody residents.	Continue similar action.
1B Revised	Develop educ. resources	CD	SW Educational Website	Website on hold due to funding cuts.	If funding is available will finish website.
1C Revised	Implem. educ. resources	CD	Inform people how to get involved w/local restoration	Cleaning of the North River, Proctor Brook, Goldthwaite Brook, Tapley Brook, Strongwater Brook as well as 4 Lakes and ponds, during the fall of 2009.	Continue cleanups for North River and all major brooks throughout the city. Main focus will be in the downtown areas.
1D Revised	Implem. educ. resources	CD	Educate children of SW pollution and prevention	City water department educated high school students on how to sample surface water and taught pollution prevention techniques.	Continue action. Have High School students sample Peabody's bodies of water. During spring and fall months.
1E Revised	Implem. educ. resources	CD	Cont. educ. of public using Local TV advertising & press	River cleanups were featured on Public Access and in the newspapers during the fall 2009.	Continue with updating and post new cleanups when they become available.

1F	Implem. educ. resources	DPS	Cont. sign posting & animal waste cleanup enforcement	Signs are annually checked and replaced as needed.  Continue to meet goal through municipal funding.	Continue action.  Continue activities.
Revised					

**1a. Additions**


## 2. Public Involvement and Participation

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 – Permit Year 8
2A	Implem. educ. resources	CD	Inform people how to get involved w/local restoration	North River, Goldthwaite Proctor, Tapley and Strongwater Brook clean up. Clean around 4 lakes cleanup in spring and fall 2009.	Continue cleanups for City water bodies.
Revised					
2B	SW Drain Stenciling	DPS	Investigate program thru volunteer assistance	No plans for stenciling.	No plans for stenciling.
Revised					
2C	Restoration and Cleanup	CD	Cont. w/Boy Scouts/Eagle Scouts river, stream/brook and pond cleanup/restoration	North River and Proctor Brook cleaned up in 2009.	Continue cleanups for City water bodies.
Revised					
2D	Public Involvement	CD	Increase public awareness and recreational use of Crystal Lake	Friends of Peabody Lakes meet monthly and are developing a plan for the clean up and dredging of Crystal Lake.	Continue with this action. Permit phase for Dredging of Crystal Lake and Elginwood Pond.
Revised					
2E	Public Involvement	Salem Coastwatch	North River Seminars and Meetings	Met with Salem Coast Watch to discuss widening of North River. Continued meeting with Salem Coast Watch to discuss watershed protection along with flooding issues.	Continue public dialogue education and updates.
Revised					
Revised					

### 2a. Additions


### 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 – Permit Year 8
3A	GIS Mapping Program	DPS	Cont. to impr. & update storm sewer & drain syst. mapping	Digitized all stormwater drains. Started to place on website so all City employees will have access.	Complete website so all city employees will have access.
Revised					
3B	Ident. of Illegal discharges	DPS	Cont. eliminating discharges thru map. & monitoring	All identified illegal discharges repaired.	Continue action.
Revised					
3C	State Assessments	CD	Cont. assist w/water assessments	Implementing recommendations of watershed protection plans.	Continue action.
Revised					

#### 3a. Additions


#### 4. Construction Site Stormwater Runoff Control

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 – Permit Year 8
4A	SW Ordinance	DPS	Dev. & Adopt for Const. & Post-Const. regulation	Drafted Const. & Post Const. Stormwater runoff. Working with EPA under administrative order.	Finalize ordinance.
Revised					
4B	SW Ordinance	CD	Est. regulations & guidelines to require controls and BMPs	Guidelines and BMPs are being updated.	Continue action.
Revised					
4C	SW Ordinance	Planning Board	Conduct site plan review for BMPs	Educating employees and include in city project reviews.	Continue action.
Revised					
4D	SW Ordinance	DPS	Enforce violations and educated public	Educated customers to minimize enforcement actions. Trained local emergency and equipment rental contractors.	Continue similar action.
Revised					
4E	Review Ordinances	CD	Subdiv. Regs. to encourage better site design practices	Researching new site designs and pollution prevention alternatives.	Reviewing overall feasibility of new alternatives.
Revised					
Revised					

#### 4a. Additions


## 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 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
5A	SW Ordinance	City Council	Dev. & Adopt for Const. & Post-Const. regulation	Drafted Const. & Post Const. Stormwater runoff. Working with EPA under administrative order.	Finalize ordinance.
Revised					
5B	SW Ordinance	City Council	Est. regulations & guidelines to require controls and BMPs	Local BMP's are being implemented.	Continue action.
Revised					
5C	SW Ordinance	DPS	Conduct site plan review for BMPs	Require Low Impact Development for all new construction in the City.	Incorporate new BMP's.
Revised					
5D	SW Ordinance	City Council & DPS	Enforce violations and educate public	Educated customers to minimize enforcement actions.	Continue action.
Revised					
5E	Review Ordinances	Planning Board & DPS	Subdiv. Regs. to encourage better site design practices	Require (LID) and stormwater treatment technologies for all new subdivisions.	Continue action.
Revised					
Revised					

### 5a. Additions


## 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 7 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 8
6A	Street Sweeping	DPS	Cont. to sweep city streets	Entire city was swept.	Entire city will be swept.
Revised					
6B	Catch Basin & Storm Drain Cleaning	DPS	Cont. to clean catch basins & storm drains.	Cleaned 35% of city and the main streets, hills, downtown area and specific problem areas.	Continue action.
Revised					
6C	Stormwater Monitoring Report	DPS/FOPL	Develop yearly monitoring report	Done by Salem Coast Watch and Friends of Peabody's Lakes.	Continue stormwater monitoring with Salem Coast Watch and Friends of Peabody's Lakes.
Revised					
6D	GIS Mapping of Storm Sewer	DPS	Map entire city storm sewer system	Digitized storm water system complete.	Update as needed.
Revised					
6E	Operations & Maintenance Plans	DPS	Cont. St. sweep program	Sweep all 154 miles of city to remove debris from streets.	All of city will be swept again to remove debris from streets.
Revised					
6F	Training and Maintenance Program	DPS		All new employees receive training in haz. materials & spill cleanup, plus additional training in labeling, injuries, etc.	Continue action.
Revised					
6G	Storage of Hazardous Materials	DPS	Develop yearly monitoring report.	Inspect monthly per MA DEP Regulation, in compliance with Haz. Waste Regs.	Continue to inspect monthly per MA DEP Regulation, in compliance with Haz. Waste Regs.
Revised					
6H	Spill Prevention Plan	DPS	Upscale SPCC Plan	Updating plan as needed.	Continue action.
6I	Spill Prevention Training	DPS	Dev. O&M Plan, reduce & prevent pollutant runoff	All new employees receive training in haz. materials & spill cleanup, plus additional training in labeling, spill prevention.	Continue action.
Revised					
6J	SW Operation & Maintenance	DPS	Dev. SW O&M Program for employees	O&M Plan and BMP for City Facilities in place.	Continued use of O&M protocol.
6K	Master Plan	DPS	Incorp. BMP's in Master Plan	Incorporating BMP's.	Update as needed.

6L	Maintenance Plan	DPS	Improve plan and schedule for BMPs	Implementing spill prevention techniques.	Continue action.
6M	Identify facilities compliance	DPS	Identify # facilities & controls in compl. w/Maintenance sched.	DPS and Peabody Conservation Committee inspect city facilities annually, additional inspections may occur if needed.	Continue action.
6N	Haz. material storage	DPS	Cont. to improve hazmat. storage @municipal facilities	On going effort at all City Facilities.	Continued effort by City to properly store Haz Mats at all city facilities.
6O	SWMP pollution reduction	DPS	Identify & estimate % reduction over next five years	Help reduce 40% stormwater pollution with sediment control run-off devices and materials through site inspections, project reviews and enforcement actions.	To increase the reduction of stormwater pollution city wide.
6P	BMPs if TMDLs are set	DPS	If TMDLs are set in nxt 5 yrs, identify if BMPs meet TMDLs	N/A.	N/A.
6Q/R	Recycling & Composting & Cleanup facilities	DPS	Cont. to encourage	Press releases were generated to encourage community participation.	Continue action.
6S	Household Haz. Waste Day	DPS	Cont. to encourage and improve awareness	Press releases were generated to encourage city participation.	Continue action.
6T	Household Haz. Waste Day	DPS	Cont. to encourage use of least hazardous materials available	Press releases were generated to encourage city participation.	Continue action.

**6a. Additions**


**7. BMPs for Meeting Total Maximum Daily Load (TMDL) Waste Load Allocations (WLA) <<if applicable>>**

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 – Permit Year 8
Revised					

**7a. Additions**


**7b. WLA Assessment**