

CITY OF PEABODY

DEPARTMENT OF PUBLIC SERVICES

50 FARM AVENUE

PEABODY , MASSACHUSETTS 01960

FAX: 978-535-3754

CITY ENGINEER
MUNICIPAL GARAGE
SOLID WASTE

WATER SUPPLY
SANITARY SEWERS
STREETS & DRAINAGE

TO: Ann Horrick DATE: _____COMPANY: EPAFAX NUMBER: (617) 918-0560FROM: Richard Casanova - PeabodyCONFIDENTIAL: ☐ YES ☐ NOTOTAL PAGES SENT (INCLUDING THIS PAGE): 10

REGARDING: _____

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Municipality/Organization: CITY OF PEABODY

EPA NPDES Permit Number: MAR 041216

MaDEP Transmittal Number: W-035400

Annual Report Number

& Reporting Period: April 1, 2006 – March 31, 2007

NPDES PII Small MS4 General Permit Annual Report (Due: May 1, 2007)

Part I. General Information

Contact Person: RICHARD CARNEVALE

Title: DIRECTOR, PUBLIC SERVICES

Telephone #: 978-536-7126

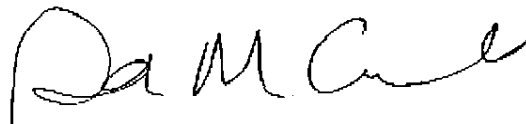
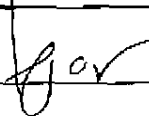
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Certification:

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:

**Richard M. Carnevale
Director of Public Services**

Printed Name:

MICHAEL J. BONFANTI

Title:

MAYOR OF PEABODY

Date:

4/30/07

Part II. Self-Assessment

The City of Peabody has completed the required self-assessment and has determined that our municipality is in compliance with all permit conditions. It is anticipated that additional progress will be made as municipal budgets improve in FY07 and beyond.

Peabody has an extensive household hazardous waste program. Besides a once a year drop off, we collect waste oil, car batteries, propane tanks, computer monitors, refrigerators, televisions, computer units, air conditioners, and yard waste at all times throughout the year. From this program, we properly manage a number of toxic substances and enhance protection of stormwater quality. We also collect leaves curbside 12 weeks/year and provide drop off yard waste at all times throughout the year.

We sweep streets in the spring to remove sediment, thus improving runoff water quality. We also clean about 2500 catch basins (of our 4500 total) to ensure water quality is met.

We also have minimized or eliminated the generation of hazardous waste at our DPW facilities to eliminate environmental impacts. Our vehicles are stored inside and are highly maintained, reducing leaks of fuel, hydraulic fluids, and other maintenance related toxic materials.

GIS Mapping upgrades have been started for 100% mapping of Peabody's 8,000 drain structures. This work will be part of our city wide structural and non structural BMP's GIS Program Upgrade. The completion of this mapping will improve the maintenance of the stormwater system.

We realized that we did not have the necessary equipment to maintain the drain system in house and are procuring a vacuum truck in order to increase our drain cleaning each year.

The Friends of Peabody's Lakes was formed in 2007 in order to focus on Crystal Lake and other receiving waters in order to educate the public and improve water quality/recreational opportunities.

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
1A	Develop educ. resources	CD	SW Education Brochure	Mailed out 2007 Greenscapes Guide-addresses stormwater education, pesticide application composting, irrigation, workshop, etc.	Mail out in 2008.
Revised					
1B	Develop educ. resources	CD	SW Educational Website	In progress, similar format as brochure.	Finish website and update as needed.
Revised					
1C	Implem. educ. resources	CD	Inform people how to get involved w/local restoration	The most extensive cleaning of the North River, Proctor Brook, Goldthwaite Brook in ten years. Emergency Office, Mayor's Office, DPS & Public involved 7/06 – 10/06.	Continue cleanups for North River and other locations as needed.
Revised					
1D	Implem. educ. resources	CD	Educate children of SW pollution and prevention	Discussed with Peabody School Parent Advisory Board (PSPAB) on methods to educate children on SW pollution and prevention.	Implement suggestions made by PSPAB to meet measurable goal for BMP Description.
Revised					
1E	Implem. educ. resources	CD	Cont. educ. of public using Local TV advertising & press	Extensive coverage of river cleanups were featured on Public Access and in the newspapers during 2006.	Continue with updating the brochure as needed and post new cleanups when they become available.
Revised					

1F	Implem. educ. resources	DPS	Cont. sign posting & animal waste cleanup enforcement	Signs are annually checked and replaced as needed.	Meet measurable goal for BMP Description.
Revised					
1G	Implem. educ. resources	CD	Cont. yard-waste collection and recycling programs	This goal has been continued through municipal funding.	Continue activity on both programs.
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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
2A	Implem. educ. resources	CD	Inform people how to get involved w/local restoration	North River, Goldthwaite, and Proctor cleanup in 2006 removed 40 tons of trash. (EM, DPS, Work Program, Prisoners, Public Involvement).	Continue cleanups for North River and other locations as needed.
Revised					
2B	SW Drain Stenciling	DPS	Investigate program thru volunteer assistance	No progress.	Meet measurable goal for BMP Description.
Revised					
2C	Restoration and Cleanup	CD	Cont. w/eagle scouts stream and beach cleanup/restoration	North River, Goldthwaite, and Proctor cleanup in 2006 removed 40 tons of trash. (EM, DPS, Work Program, Prisoners, Public Involvement).	Continue cleanups for North River and other locations as needed.
Revised					
2D	Public Involvement	CD	Increase public awareness and recreational use of Crystal Lake.	Group formed and grant allocated for recreational improvements.	Implement group recommendations.
Revised					
2E	Public Involvement	Salem Coastwatch	North River Seminar	4/28/2007 Meeting Sponsored by Salem Coast watch to discuss river water quality along with flooding-open to public.	Continue public dialogue and education.
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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
3A	GIS Mapping Program	DPS	Cont. to impr. & update storm sewer & drain syst. mapping	Started to digitize all stormwater drains.	Digitize paper maps and plans.
Revised					
3B	Ident. of Illegal discharges	DPS	Cont. eliminating discharges thru map. & monitoring	All identified illegal discharges repaired.	Continued elimination of discharges as discovered.
Revised					
3C	State Assessments	CD	Cont. assist w/water assessments	Implement recommendations of watershed protection plan.	Stormwater and groundwater protection ordinance.
Revised					
Revised					
Revised					
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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
4A	SW Ordinance	CD	Dev. & Adopt for Const. & Post-Const. regulation	Due to EPA SWPPP Revision to include $\geq$ /acre, reevaluating the need for local ordinance.	Review with consultants/and or federal officials.
Revised					
4B	SW Ordinance	CD	Est. regulations & guidelines to require controls and BMPs	Due to EPA SWPPP Revision to include $\geq$ /acre, reevaluating the need for local ordinance.	Review with consultants/and or federal officials.
Revised					
4C	SW Ordinance	DPS	Conduct site plan review for BMPs	Due to EPA SWPPP Revision to include $\geq$ /acre, reevaluating the need for local ordinance.	Review with consultants/and or federal officials.
Revised					
4D	SW Ordinance	DPS	Enforce violations to max. extent	Due to EPA SWPPP Revision to include $\geq$ /acre, reevaluating the need for local ordinance.	Review with consultants/and or federal officials.
Revised					
4E	Review Ordinances	CD	Subdiv. Regs. to encourage better site design practices	Due to EPA SWPPP Revision to include $\geq$ /acre, reevaluating the need for local ordinance.	Review with consultants/and or federal officials.
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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
5A	SW Ordinance	City Council	Dev. & Adopt for Const. & Post-Const. regulation	Due to EPA SWPPP Revision to include $\geq$ /acre, reevaluating the need for local ordinance.	Review with consultants/and or federal officials.
Revised					
5B	SW Ordinance	City Council	Est. regulations & guidelines to require controls and BMPs	Due to EPA SWPPP Revision to include $\geq$ /acre, reevaluating the need for local ordinance.	Review with consultants/and or federal officials.
Revised					
5C	SW Ordinance	DPS	Conduct site plan review for BMPs	Due to EPA SWPPP Revision to include $\geq$ /acre, reevaluating the need for local ordinance.	Review with consultants/and or federal officials.
Revised					
5D	SW Ordinance	City Council & DPS	Enforce violations to max. extent	Due to EPA SWPPP Revision to include $\geq$ /acre, reevaluating the need for local ordinance.	Review with consultants/and or federal officials.
Revised					
5E	Review Ordinances	Planning Board & DPS	Subdiv. Regs. to encourage better site design practices	Due to EPA SWPPP Revision to include $\geq$ /acre, reevaluating the need for local ordinance.	Review with consultants/and or federal officials.
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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
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 about 50% of city and the main streets, hills, and specific problem areas. Purchase vac truck to enhance CB/drain.	Clean remaining 100% of city and again the main streets, hills, and specific problem areas. O&M 50%-100%.
Revised					
6C	Stormwater Monitoring Report	DPS	Develop yearly monitoring report	Done by Salem Coast Watch	Salem Coast Watch
Revised					
6D	GIS Mapping of Storm Sewer	DPS	Map entire city storm sewer system	Began digitizing storm water system.	Continue to digitize paper maps and plans.
Revised					
6E	Operations & Maintenance Plans	DPS	Cont. St. sweep program	Sweep all 180 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. and offer refresher courses to current employees.	Keep having all new employees go through the training process and offer refresher courses to current employees.
Revised				No progress in Year 1.	Develop yearly report as funding permits.
6G	Storage of Hazardous Materials	DPS	Develop yearly monitoring report.	Inspected 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	Plan recertified in 2003, no actions needed until 2006.	Update plan to meet new SPCC requirements.
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, injuries, etc. and offer refresher courses to current employees.	Keep having all new employees go through the training process and offer refresher courses to current employees.
Revised					