

MAY 1 2009

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Municipality/Organization: Town of South Hadley

EPA NPDES Permit Number: MAR041020

MaDEP Transmittal Number: W-21004665

**Annual Report Number
& Reporting Period:** No. 6: April 08-April 09

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Melissa A. LaBonte

Title: WPC Compliance Manager

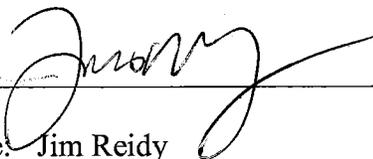
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Certification:

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: Jim Reidy

Title: DPW Superintendent

Date: _____

Part II. Self-Assessment

2008 – For the most part, the Town of South Hadley has implemented the BMP's specified in the Notice of this has been a revised version or an additional item submitted in the annual reports.

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 5	Planned Activities in the future:
1 Revised	Informational Brochures	DPW/ML	Reduce litter and contaminants in system	Greenscapes Newsletters placed at Town Offices; Greenscapes 09/10 Yard calendars distributed 4/25 at Earth Day Event at DPW on Residential Stormwater Management Practices.	Continue distributing materials in stock.
2 Revised	Stuffer into sewer bills	DPW /ML	Increased access to information	Notices on backs of October 2008 and April 2009 sewer Bills.	Will continue to post notices.
3 Revised	Website Development	DPW / ML Cable / TA	Increased access to information	Town website conversion completed. Stormwater Homepage set up under the Water Pollution Control Division with links to other sites including EPA and MA DEP. Second page set up for the Stormwater Incentives Program for Residents which includes additional information and links for Stormwater Management practices.	Continue to post relevant Information. Post PSA's from the CRSWC
4 Revised	Stencil catch basins	DPW / JB	Reduction of illegal discharges	Completed in Year 5.	No Further Action

5	Revised	School Curricular / flyers Participation in the Connecticut River SW Committee (CRSWC) in conjunction with PVPC	DPW/ML	Increased awareness of requirements. Increased awareness of SW issues on a larger regional scale.	CRSWC / PVPC – Coordinated with MA DEP on a water module for their Green Team Program for schools which would coordinate with MA Curriculum. Submitted 3 grant applications for funding. Issued mini-grant announcement for public schools in member communities. Booths in the New England Building at the Big E and the Easthampton Fall Festival, and participated in the Westfield River Symposium at Westfield State College.	Continue participation in the Ct. River Stormwater Committee for Public Education and Outreach.
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1a. Additions

2	Lawn & Garden Activities	DPW / VB,	Increased access to information Reduce contaminants in system	25 Water Conservation Kits given to each of the two Water Districts; Completed Spring Rain Barrel Event with delivery on April 26 th ; Additional information /calendars given out at Earth Day Event at DPW on 4/25.	Second Rain Barrel tentatively scheduled for August.
1					

2. Public Involvement and Participation

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities in the future:
6 Revised	TV spots and postings	DPW / ML Cable / TA	Increase public awareness and access to information	Aired 2 PSA's from the CRSWC & the Think Blue Campaign.	Air press release for SW Management Incentives Program; Continue airing PSA's, and the video "Reining in the Storm".
7 Revised	Public Meetings	DPW / JR BOS /RH of PB	Increase public input and awareness	Completed in Year 5.	No Further Action.
8 Revised	Neighborhood Watch Stormwater Management Incentives Program	DPW / JR DPW / ML / PVPC	Reduction in illicit discharges Reduction in illicit discharges	Grant from EPA Targeted Watersheds Program to be used for free downspout disconnects and rebates on sump pump disconnects or other SW Management options. Program was developed with PVPC, Notices sent out, press release, posted on website and applications and brochures printed and made available at Town Offices.	Implement program as developed.
Revised					

2a. Additions

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3. Illicit Discharge Detection and Elimination

BMP ID #	BMP Description	Responsible Dept./Person Name	Measurable Goal(s)	Progress on Goal(s) – Permit Year 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities in the future:
9 Revised	Storm System Mapping	DPW / JR	Increased detection of illicit discharges	80 % of existing infrastructure has been mapped on paper.	Continue with system mapping.
	Identification of Residential I/I Sources.	DPW /ML Ass. / MC	Same	See Section 2, #8.	Continue to identify and eliminate residential sources of I/I.
10 Revised	Household Hazardous Waste Collection Depot	DPW / JS	Reduction of nutrient loading in system	A hazardous waste collection day was held on June 28 th , 2008 which included a medicine collection program as well. Continued with Paint Program.	A hazardous waste and unwanted medications collection day is scheduled for June 27, 2009. A second one is tentatively scheduled for October, 2009. Paint Program will run May 2 nd through Oct. 10 th .
19 Revised	Review/Amend Town By Law on Storm Water Discharges	DPW / JR	Regulatory control of illicit discharges with punitive measures	Completed in Year 5.	No further Action.

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 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities in the future:
11 Revised	Review / Amend Town Bylaws	Planning Board / Richard Harris DPW/JR	Increase awareness and compliance by developers	Completed in Year 5 and approved by Attorney General's Office.	No further Action.
12 Revised	Subdivision Regulation Modifications	Planning Board / Richard Harris & Conservation Commission	Increase awareness and compliance by developers	Completed in Year 5. Effective July 1, 2008.	No further Action.
13 Revised	Regular Site Inspections	DPW / JR,.	Increase compliance, enforcement and penalties	No qualifying projects to date.	Will be implemented by the Town Engineer if necessary.
14 Revised	Site Plan Review Modifications	Planning Board / R. Harris & Conservation Commission	Increase awareness and compliance by developers	No qualifying projects to date.	To be implemented by the Planning Board as necessary.

4a. Additions					
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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 5 (Reliance on non-municipal partners indicated, if any)	Planned Activities in the future:
9 Revised	System Mapping	DPW / JR, JB	Increased illicit discharge detection	See Section 3, #9.	See Section 3, #9.
13 Revised	Regular Construction Site Inspections	DPW / JR, ML Bldg.Insp./CD	Increase compliance, enforcement & penalties.	See Section 4, #13.	See Section 4, #13.
14 Revised	Site Plan Review Modifications	Planning Board /Richard Harris, ConCom	Increase developer awareness and compliance	See Section 4, #14.	See Section 4, #14.
19 Revised	Develop Town By Law on discharges from all Town Lands.	DPW / JR, ML	Regulatory control of illicit discharges with punitive measures	See Section 3, #19.	See Section 3, #19.
20 Revised	Review Planning Board and Zoning Board Regulations	Planning Board / Richard Harris	Increase developer awareness & compliance	See Section 4, # 11 and 12.	See Section 4, # 11 and 12.
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
15 Revised	DPW Operations Manual	DPW / JR, JB	Increase awareness of personnel	Updated as necessary.	Continue updating as necessary.
16 Revised	Catch Basin Cleaning Program	DPW / JB	Reduction in floatables and deposition into system.	Continued with implemented programs.	Continue with implemented programs.
17 Revised	Street Sweeping Program	DPW / JB	Reduction in deposition into system.	Continued with implemented programs.	Continue with implemented programs.
18 Revised	Monitoring of Commercial Establishments in IPP Program	DPW / ML	Closer compliance & monitoring of industrial/commercial locations	SW is briefly reviewed with industry personnel during IPP annual inspection. Copies of the new or revised SWPPP for industrial locations under the new Industrial SW Permit have been requested.	Continue with implemented program.

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 4 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 5
1 Revised	Brochures for public	DPW / ML	Reduction of litter and contaminants into system	See Section 1, #1.	See Section 1, #1.
10 Revised	Household hazardous waste collection center	DPW / JS	Reduction of nutrients into system	See Section 3, #10.	See Section 3, #10.
16 Revised	Catch basin cleaning program.	DPW / JB	Reduction of floatables and deposition into system	See Section 6, #16.	See Section 6, #16.
17 Revised	Street sweeping program	DPW / JB	Reduction in deposition into system	See Section 6, #17.	See Section 6, #17.

7a. Additions

7b. WLA Assessment No assessment completed.

Part IV. Summary of Information Collected and Analyzed

There was no analysis of storm water, and any information collected has been from responsible parties working on the BMP's for the past couple of years.

Part V. Program Outputs & Accomplishments (OPTIONAL)

NOT COMPLETED.

Programmatic

Stormwater management position created/staffed	(y/n)	
Annual program budget/expenditures	(\$)	

Education, Involvement, and Training

Estimated number of residents reached by education program(s) All Residents + all of pioneer valley through radio & television spots.	(# or %)	
Stormwater management committee established	(y/n)	
Stream teams established or supported	(# or y/n)	
Shoreline clean-up participation or quantity of shoreline miles cleaned	(y/n or mi.)	
Household Hazardous Waste Collection Days		
▪ days sponsored	(#)	52 weeks / 2 days per week
▪ community participation	(%)	
material collected	(tons or gal)	
School curricula implemented	(y/n)	In Progress

Legal/Regulatory

In Place
Prior to
Phase II

Under
Review

Drafted

Adopted

Regulatory Mechanism Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination				
▪ Erosion & Sediment Control				
▪ Post-Development Stormwater Management				
Accompanying Regulation Status (indicate with "X")				
▪ Illicit Discharge Detection & Elimination				
▪ Erosion & Sediment Control				
▪ Post-Development Stormwater Management				

Mapping and Illicit Discharges

Outfall mapping complete			(%)	
Estimated or actual number of outfalls			(#)	
System-Wide mapping complete			(%)	
Mapping method(s)				
▪ Paper/Mylar			(%)	
▪ CADD			(%)	
▪ GIS			(%)	
Outfalls inspected/screened			(# or %)	
Illicit discharges identified			(#)	
Illicit connections removed			(#)	
			(est. gpd)	
% of population on sewer			(%)	
% of population on septic systems			(%)	

Construction

Number of construction starts (>1-acre)	(#)	4 SubDiv. 2 Other Cnstr.
Estimated percentage of construction starts adequately regulated for erosion and sediment control	(%)	
Site inspections completed	(# or %)	
Tickets/Stop work orders issued	(# or %)	
Fines collected	(# and \$)	
Complaints/concerns received from public	(#)	

Post-Development Stormwater Management

Estimated percentage of development/redevelopment projects adequately regulated for post-construction stormwater control	(%)	
Site inspections completed	(# or %)	
Estimated volume of stormwater recharged	(gpy)	

Operations and Maintenance

Average frequency of catch basin cleaning (non-commercial/non-arterial streets)	(times/yr)	
Average frequency of catch basin cleaning (commercial/arterial or other critical streets)	(times/yr)	
Total number of structures cleaned	(#)	
Storm drain cleaned	(LF or mi.)	
Qty. of screenings/debris removed from storm sewer infrastructure	(lbs. or tons)	
Disposal or use of screenings (landfill, POTW, compost, recycle for sand, beneficial use, etc.)		
Cost of screenings disposal	(\$)	

Average frequency of street sweeping (non-commercial/non-arterial streets)	(times/yr)
Average frequency of street sweeping (commercial/arterial or other critical streets)	(times/yr)
Qty. of sand/debris collected by sweeping	(cubic yards)
Disposal of sweepings (landfill, POTW, compost, beneficial use, etc.)	(location)
Cost of sweepings disposal	(\$)
Vacuum street sweepers purchased/leased	(#)
Vacuum street sweepers specified in contracts	(y/n)

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 % K _{ac} % KCl % Sand
Pre-wetting techniques utilized	(y/n)
Manual control spreaders used	(y/n)
Automatic or Zero-velocity spreaders used	(y/n)
Estimated net reduction in typical year salt application	(lbs. or %)
Salt pile(s) covered in storage shed(s)	(y/n)
Storage shed(s) in design or under construction	(y/n)