

Received 6/8/10

P

Municipality/Organization: City of Dover

EPA NPDES Permit Number: NHR041037

MaDEP Transmittal Number: _____

**Annual Report Number
& Reporting Period:** No. 7 March 09 – March 10

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Dean Peschel **Title:** Environmental Project Manager

Telephone #: (603) 516-6094 **Email:** dean.peschel@ci.dover.nh.us

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: J. Michael Joyal

Title: City Manager

Date: May 2, 2008

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
A1 Revised	Establish Pollution Hotline	Dean Peschel Community Services	Trained secretaries who receive calls	Received no phone complaints	Continue to advertise existence of hotline in Community Notes and on City webpage
A2 Revised	Community Cleanup	Doug Steele Community Services	Hold 7 th & 8 th annual clean-up	Dover Main Street clean up, Kiwanis May 5, 2008	Hold 8 th Dover Pride clean-up day, April 25, 2009
A3 Revised	Educational Video	Seacoast NH Stormwater Coalition	Show on local access Converted to DVD	Video shown on numerous occasions during May 2008	Show video on local access TV.
A4 Revised	Publish Stormwater information	Community Services	Published articles	Made several public presentations regarding stormwater, and subsequent press coverage.	Hold meetings to educate public on stormwater utility issue
A5 Revised	Pet Waste and Storm Water	Dean Peschel NHDES	Lower bacteria levels in unnamed brook	Added new pet waste stations and planning a dog park	Continue to educate the public about pet waste storm water impacts and proper behavior
A6 Revised	Assist School in SW education	Community Services and volunteers	Make presentations in classroom	No school presentations in 2009	Make additional presentations to Dover Schools

1a. Additions

A7	Berry Brook Watershed Plan	Community Services	Improve water quality in Berry Brook	No action	Accept grant awards and begin implementing the plan
----	----------------------------	--------------------	--------------------------------------	-----------	---

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
B1 Revised	Storm Stencil	Community Services	Number completed 3 events	No stenciling in 2009	
B2 Revised	Sample outfall and other structures	Community Services	Sampled Great Bay Watch sampled and analyzed storm water outfalls and structures with DPW assistance	Approached Great Bay Watch Stewards re sampling. Awaiting invitation to the strategic plan meeting. No samples in 2009	
B3 Revised	Update Ordinances	Planning Steve Bird	Ordinance facilitate compliance of NPDES regulations	Done	
B4 Revised	Establish Citizen Hotline	Community Services	Number of calls 2	Same as A1	
B5 Revised	Pet Waste Pilot Project	Dean Peschel NHDES	Lower bacteria in surface water	Same as A5	Continue to implement City wide pet waste program. Install new pet waste stations at parks with high dog activity
B6 Revised	Berry Brook Watershed Assessment and Management Plan	City of Dover UNH NHDES	Improved habitat and water quality	Applied for NOAA grant funding for habitat restoration but did not receive funding	Implement a LID program for the neighborhood using rain barrels, rain gardens and dry wells via NHDES grant

2a. Additions

B7	Willand Pond	Planning	Water quality improvement	Draft Management Plan completed	Finalize plan, design and permit solutions, find funds to implement recommendations
B8	Add LID to zoning regulations	Planning	Better storm water management at development sites	Adopted LID language in ordinances and standards	Begin implementing

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
C1 Revised	Storm water System Mapping	Community Services	Have completed map of system and keep maintained	Continue collection of infrastructure condition for storm drain system. Update system map as system grows and is repaired.	Continue collection of infrastructure condition for storm drain system. Update system map as system grows and is repaired.
C2 Revised	Establish Illicit Discharge Program	Community Services	Establish Program and Implement	Removed 2 illicit sewer connections and tied to sanitary sewer	Continue to look for illicit connections and remediate.
C3 Revised	Catch Basin Stenciling	Community Services	Same as B1	Same as B1	Same as B1
C4 Revised	Update City Ordinance	Community Services and Planning	Same as B3	Completed	Same as B3
C5 Revised	Secure Funding	Community Services	Find funding for programs	None	Apply for available funding opportunities that become available Conduct Stormwater Feasibility Study.
Revised					

3a. Additions

C6	Participation in Seacoast Storm Water Coalition – development of NH IDDE Manual	Community Services	Distribution of published manual	Continued participation in Seacoast Stormwater Coalition	Continue participation in Seacoast Stormwater Coalition
C7	Include Berry Brook watershed as priority area in IDDE plan	Community Services	Remove bacterial sources	Done	Continue to identify sources and remove Target pet owners in watershed

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
D1 Revised	Review and Update Ordinances	Community Services and Planning	Have legal authority to enforce Phase II	Planning Board Subcommittee investigating benefits and limitations of porous pavement	Planning Board Subcommittee report findings to Planning Board re: porous pavement
D2 Revised	Develop Inspection Program	Community Services and Planning	Site inspections to ensure compliance of Phase II	Engineering inspector inspects all sites for erosion control daily, weekly	Continue inspection program.
D3 Revised	Direct Contractors to Educations Materials	Community Services	Better compliance of BMP's	Engineering provides to developers and site contractors at pre-construction conference.	Continue to educate community.
D4 Revised	Provide City Staff Training	Community Services Seacoast Coalition	Have educated workforce	Held training on Good Housekeeping at Dover DPW utilizing new manual in 2008	Continue sending staff to educational opportunities regarding storm water.
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
E1 Revised	Review and Update Ordinances	Community Services and Planning	Have City Ordinances that comply with Phase II requirements	Done	
E2 Revised	Develop and Implement O & M Plans for Private Sites	Community Services and Planning	Design and implement program which tracks maintenance	All approved site plans required to submit O & M plans to City and report annually to the City. Incorporate tracking system. Developed electronic tracking system to manage compliance for private site O&M plan in 2009	Continue to require O & M plans at new sites and track compliance.
E3 Revised	Implement Inspection Program	Community Services	Insure BMP are constructed to plan	The Engineering Technician inspects all sites for proper installation of BMP prior to issuance of Certificate of Occupancy	Continue to inspect sites.
E4 Revised	Review and Update BMP List	Community Services	Maintain BMP list	Challenge design engineers to prepare effective stormwater system designs using appropriate BMP's	Continue.
Revised					
Revised					

5a. Additions

E5	Encourage LID	Planning	Improve site development	Made 1 presentations which highlighted LID as a desired outcome in future development projects	Educate and develop LID ordinances for adoption

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
F1 Revised	Create Storm Drain Inspection	Community Services	Have a record of system conditions	Continue to develop system and begin field data collection and input to software	
F2 Revised	Implement Inspection Program	Community Services	Collect data useful for prioritization of maintenance	Continued inspections while cleaning catch basins. 1373 basins cleaned and inspected in 2009	Continue inspections while cleaning catch basins 1450 basins
F3 Revised	Create Street Sweeping Plan	Community Services	Cleaner storm system	Continued street sweeping program.	Continue street sweeping program.
F4 Revised	Implement Catch Basin Cleaning Program	Community Services	Clean every catch basin once every 4 years	Contracted catch basin cleaning. Completed cleaning of 1373 basins.	Will contract out catch basin cleaning if successful in receiving funds in FY 2011 budget. 1450 basins projected for cleaning
F5 Revised	Establishment of Stormwater Utility	Community Services Seacoast storm water Coalition	Reliable funding source for stormwater system	Issued RFO for Stormwater Feasibility Study, Reviewed 12 proposals, interviewed 4 firms and selected GHD to conduct study. City Council established ad Hoc committee of stakeholders to participate in study	Conduct feasibility study to consider possible development of a Storm Water Utility.
Revised					

6a. Additions

F6	Explore use of salt brine	Community Services	Reduce amount of salt and sand used	Have established conditions in which salt brine is effective	Continue use of salt brine
F7	Provide DPW staff training for Pollution Prevention/good house keeping	Seacoast Storm Water Coalition	Improve staff understanding and performance of pollution prevention	Provided DPW staff training using NH manual developed by Seacoast Storm Water Coalition	

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 2 (Reliance on non-municipal partners indicated, if any)	Planned Activities – Permit Year 3
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					
Revised					

7a. Additions

7b. WLA Assessment