

Municipality/Organization: University of New Hampshire

EPA NPDES Permit Number: NHR042001

MaDEP Transmittal Number: N/A

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: Jim Dombrosk

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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 Dombrosk

Title: Director of Energy & Utilities

Date:

APRIL 13, 2010

Part II. Self-Assessment

The University of New Hampshire has completed the required self-assessment and has determined to the best of our knowledge that our organization is in compliance with the various parts of our NPDES permit.

Part III. Summary of Minimum Control Measures

1) PUBLIC EDUCATION AND OUTREACH

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
1	Production and Distribution of Informational Publications	J. Dombrosk	Distribution to Faculty and Student Population; Evaluation of Public Comments	In progress - see bulleted item(s) below.	Continue creating and distributing informational resources.
	2010 • Showed the movie "Blue Gold: World Water Wars" on February 22 at the Memorial Union Building as part of the TAP IN water film and speaker series. • Showed the movie "Tapped" on March 22 at the Memorial Union Building as part of the TAP IN water film and speaker series. • Hosted public lecture by Maude Barlow, water rights activist & former UN advisor on March 31 at Munkland lecture hall as part of the TAP IN water film and speaker series. • The UNH Storm Water Management Plan brochure is distributed to new employees during the monthly UNH Human Resources – New Employee Orientation. • Updated the UNH Storm Water Management website to ensure all links are current and active. 2009 • Record, Jody. "Stormwater Permit Being Renewed." Campus Journal. UNH Media Relations. March 11, 2009. • The UNH Storm Water Management Plan brochure is distributed to new employees during the monthly UNH Human Resources – New Employee Orientation. • Updated the UNH Storm Water Management website to include information on the new draft MS4 permit for New Hampshire • "Storm Water Management Showcase." (19" x 31") displayed at the MUB in March 2009. 2008 • Leonard, Dolores. "At UNH, Even the Parking Lots are Green." Campus Journal. UNH Media Relations. August, 2007. The Campus Journal is distributed to more than 1,600 subscribers. • Leonard, Dolores. "New Pervious Concrete Surface Aims to Treat Polluted Stormwater." The Cooperative Institute for Coastal & Estuarine Environmental Technology. August, 2007. • Aldag, Kurt. "Water, Water Everywhere... But is it Safe to Drink?" College of Engineering and Physical Science. October, 2007. • Portier, Beth. "UNH Research Says, 'Hold the Salt'." Campus Journal. UNH Media Relations. February, 2008. • JohnnyBeat, Debra. "Paving the Way for Green Roads." Campus Journal. UNH Media Relations. February, 2008. • "Storm Water Management Showcase." (19" x 31") displayed at the UNH Earth Day Fair in April and at University Day Fair in September, 2007. • Printed and distributed copies of the "UNH Storm Water Brochure" to UNH faculty, staff, and students. (UNH Office of Environmental Health and Safety, 2007). 2007 • Mantz, E. "Keeping our Water Clean." Campus Journal. UNH Media Relations. March, 2007. The Campus Journal is distributed to more than 1,600 subscribers. • "Storm Water Management Showcase." (19" x 31") displayed at the UNH Memorial Union Building from March through April 2007. • Printed and distributed copies of the "UNH Storm Water Brochure" to UNH faculty, staff, and students. (UNH Office of Environmental Health and Safety, 2006). 2006 • Mantz, E. "No Dumping: Drains to Bay." Campus Journal. UNH Media Relations. April, 2006. The Campus Journal is distributed to more than 1,600 subscribers. • Updated the UNH Storm Water Management website to include a downloadable/printable map of the campus catch basin system. January, 2006. • "Storm Water Management Showcase." (19" x 31") displayed at the UNH Memorial Union Building through July, 2005. • The UNH Storm Water Management Plan brochure is distributed to new employees during the monthly UNH Human Resources – New Employee Orientation. A total of 350 new employees received the brochure. 2005 • Yates, S. "Storm Water Management Program Progresses." Campus Journal. Volume XLII, Number 13. UNH Media Relations. January 1, 2005. • Leonard, D. "New Center Tackles Storm Water Management." Campus Journal. Volume XLII, Number 10. UNH Media Relations. November 12, 2004. • A link to the UNH Storm Water Management Plan is included in the UNH Human Resources, New Employee Orientation Handbook, titled "Getting Started @ UNH." • "Storm Water Management Showcase." (19" x 31") displayed at the UNH Memorial Union Building from January 1, 2005 through May 31, 2005.				

1) PUBLIC EDUCATION AND OUTREACH (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
2	Production and Distribution of Informational Video	J. Dombrosk	Completion of Video Post-Production; Scheduling of Public Viewing; and Notice of Availability to Requesting Organizations	In progress - see bulleted item(s) below.	Look for additional venues to distribute storm water videos and continue to broadcast movie at UNH.
	2010 - Relocated the "Storm Water Runoff - There is no Away!" video online at http://www.unh.edu/ccd/images/stormwater/Storm-Water-Runoff.mp4. (Seacoast Storm Water Coalition, 2003). - Relocated the "UNH Protecting Our Water" video online at http://www.unh.edu/ccd/images/stormwater/UNH-Protecting-Our-Water.mp4. (UNH and the Seacoast Storm Water Coalition, 2005). 2009 - Posted the "Storm Water Runoff - There is no Away!" video online at http://www.unh.edu/ehs/videos.htm. (Seacoast Storm Water Coalition, 2003). - Posted the "UNH Protecting Our Water" video online at http://www.unh.edu/ehs/videos.htm. (UNH and the Seacoast Storm Water Coalition, 2005). 2008 - Posted the "Storm Water Runoff - There is no Away!" video online at http://www.unh.edu/ehs/videos.htm. (Seacoast Storm Water Coalition, 2003). - Posted the "UNH Protecting Our Water" video online at http://www.unh.edu/ehs/videos.htm. (UNH and the Seacoast Storm Water Coalition, 2005). 2007 - Posted the "Storm Water Runoff - There is no Away!" video online at http://www.unh.edu/ehs/videos.htm. (Seacoast Storm Water Coalition, 2003). - Posted the "UNH Protecting Our Water" video online at http://www.unh.edu/ehs/videos.htm. (UNH and the Seacoast Storm Water Coalition, 2005). 2006 - Posted the "Storm Water Runoff - There is no Away!" video online at http://www.unh.edu/ehs/videos.htm. (Seacoast Storm Water Coalition, 2003). - Posted the "UNH Protecting Our Water" video online at http://www.unh.edu/ehs/videos.htm. (UNH and the Seacoast Storm Water Coalition, 2005). - A portion of the video, "Storm Water @ UNH." (DVD Video) can be viewed on the UNH Center for Storm Water Technology Evaluation and Verification (CSTEVE) website (http://www.unh.edu/crg/cstev/). Created by the Office of Environmental Health and Safety, University of New Hampshire Video Services, Volunteer Storm Water Committee, and the Seacoast Storm Water Coalition. 2004. This site has been viewed over 8,800 times since 2004. 2005 "Storm Water Runoff, There is No Away." (VHS Video) accepted for broadcast on NHPTV (Channel 4) – Summer 2004. "Storm Water @ UNH." (DVD Video) Created by the Office of Environmental Health and Safety, University of New Hampshire Video Services, Volunteer Storm Water Committee, and the Seacoast Storm Water Coalition. 2004. Distributed to UNH Catvvision and Channel 3. "Storm Water @ UNH." (DVD Video) Created by the Office of Environmental Health and Safety, University of New Hampshire Video Services, Volunteer Storm Water Committee, and the Seacoast Storm Water Coalition. 2004. Shown to Dr. Aaron Margolin's Microbiology 806 (Virology) class. Spring 2005.				

1) PUBLIC EDUCATION AND OUTREACH (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
3	Development of a Storm Water Program Link on the UNH Website	J. Dombrosk	Completion of Website Link	In progress - see bulleted item(s) below.	Continue updating the UNH Storm Water Management website with the latest storm water information available.
	2010 - Continued maintenance and development of UNH Energy & Campus Development stormwater web site (http://www.unh.edu/ccd/stormwater.html) 2009 - Added new link to EPA web site for draft new MS4 permit for New Hampshire - Continued to update the storm water management plan website with revised BMP program information. (http://www.unh.edu/ccd/stormwater.html) - Relocated UNH stormwater web site from Environmental Health & Safety to Energy & Campus Development in preparation for shift in departments managing permit activities. 2008 - New link titled "Sustainability Map" featuring UNH Stormwater Research Center and Office of Environmental Health & Safety (responsible for Stormwater Management Plan) posted on UNH website (http://www.unh.edu/map/sustainabilitymap.html) - Continued to update the storm water management plan website with revised BMP program information. (http://unh.edu/chs/storm-water.htm) 2007 - Updated the downloadable/printable maps on the UNH Storm Water Management website to reflect changes due to construction projects, etc. April 2007. - Continued to update the storm water management plan website with revised BMP program information. 2006 - Updated the UNH Storm Water Management website to include a downloadable/printable map of the campus catch basin system. January, 2006. - Continued to update the storm water management plan website with revised BMP program information. 2005 - Updated storm water website to link all UNH Storm Water programs and policies. - Included all BMPs on the UNH Storm Water Management website. - Linked to the New Hampshire Estuaries Project (NHEP) website. - Linked to the Center for Marine Biology/Department of Natural Resources (Professor Steve Jones) website. - Linked to the Center for Storm Water Technology Evaluation and Verification (CSTEV).				

2) PUBLIC PARTICIPATION / INVOLVEMENT

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
4	Public Notification Meeting	J. Dombrosk	Holding of Public Meeting	In progress - see bulleted item(s) below.	Continue posting public information bulletins on website and in UNH campus news publications.
	2010 - UNH continues to participate in the monthly public forums with the New Hampshire Seacoast Storm Water Coalition. The Coalition continues to explore options for developing training modules reviewing storm water management for presentation to municipal councils and boards. - Attended NH-DES information meeting on Southeast Watershed Alliance, Nottingham, NH Fall 2009 2009 - UNH continues to participate in the monthly public forums with the New Hampshire Seacoast Storm Water Coalition. The Coalition continues to explore options for developing training modules reviewing storm water management for presentation to municipal councils and boards. - Attended EPA informational meeting and public hearing on draft new MS4 permit for NH in Portsmouth, January 28, 2009. 2008 - UNH continues to participate in the monthly public forums with the New Hampshire Seacoast Storm Water Coalition. The Coalition continues to explore options for developing training modules reviewing storm water management for presentation to municipal councils and boards. 2007 - Continued to participate in the monthly public forums with the New Hampshire Seacoast Storm Water Coalition. 2006 - Continued to participate in the monthly public forums with the New Hampshire Seacoast Storm Water Coalition. 2005 - Held bi-monthly public forums with the Seacoast Storm Water Coalition. - Manning, B. "Storm Water Management - Catch Basin Stenciling Project." Presented at the Getting in Step Workshop on Conducting Effective Storm Water Outreach and Education. Manchester, NH. April 1, 2004.				

2) PUBLIC PARTICIPATION / INVOLVEMENT (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
5	Establishment of a Volunteer Committee	J. Dombrosk	Establishment of Committee; Semester Events	In progress - see bulleted item(s) below.	Continue scheduling community-related events through OEHS and the VSW Committee.
	2010 - There were no changes to report this year. 2009 - There were no changes to report this year. 2008 - There were no changes to report this year. 2007 - There were no changes to report this year. 2006 - There were no changes to report this year. 2005 - Sponsored an on-site visit of the Center for Storm Water Technology Evaluation and Verification (CSTEV) at UNH and invited Seacoast Storm Water Coalition members to attend. November 17, 2004.				

2) PUBLIC PARTICIPATION / INVOLVEMENT (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
6	Stenciling of Catch basins	J. Dombrosk	All CBs Stenciled	In progress - see bulleted item(s) below.	Continue to install permanent drain markers on catch basins identified in the UNH Storm Water Sewer System Map.
	2010				
	There were no changes to report this year.				
	2009				
	There were no changes to report this year.				
	2008				
	- Purchased and installed 207 permanent storm catch basin drain markers, indicating “No Dumping – Drains to Bay” from Almatek Industries. Summer 2007. - Conducted field verification of the UNH Storm Water Sewer System Map for catch basin locations. New or inaccurately marked catch basins were noted and reported to the Facilities Geographical Information Systems division for correction. Summer 2007.				
	2007				
	- Purchased and installed 250 permanent storm catch basin drain markers, indicating “No Dumping – Drains to Bay” from Almatek Industries in summer 2006. - Conducted field verification of the UNH Storm Water Sewer System Map for catch basin locations. New or inaccurately marked catch basins were noted and reported to the Facilities Geographical Information Systems division for correction. Summer 2006. - Interns in the Office of Environmental Health and Safety stenciled over 200 catch basins at UNH in summer 2006.				
	2006				
	- Installed 500 permanent storm catch basin drain markers, indicating “No Dumping – Drains to Bay” from Almatek Industries. Installation completed over Summer 2005. - Purchased 200 additional permanent storm catch basin drain markers, indicating “No Dumping – Drains to Bay” from Almatek Industries. Installation will begin in Summer 2005. - Installed 180 of the additional permanent storm catch basin drain markers, indicating “No Dumping – Drains to Bay” from Almatek Industries. Installation completed over Summer 2005. - Conducted field verification of the UNH Storm Water Sewer System Map for catch basin locations. New or inaccurately marked catch basins were noted and reported to the Facilities Geographical Information Systems division for correction. Summer 2005.				
	2005				
	Purchased 500 permanent storm catch basin drain markers, indicating “No Dumping – Drains to Bay” from Almatek Industries. Installation will begin in Spring 2005.				

3) ILLICIT DISCHARGE DETECTION AND ELIMINATION

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
7	Development of a Storm Sewer System Map	J. Dombrosk	Completion of Site Plan	In progress - see bulleted item(s) below.	Continue to validate system map catch basin and outfall locations through visual field observations.
	2010 - UNH GIS updates the storm water dataset whenever a significant change has occurred on campus (i.e. the completion of a major construction project). If there are several major construction projects going on at simultaneously, the system will be updated annually as soon as all projects have been completed. Most areas of campus remained unchanged. 2009 - UNH GIS updates the storm water dataset whenever a significant change has occurred on campus (i.e. the completion of a major construction project). If there are several major construction projects going on at simultaneously, the system will be updated annually as soon as all projects have been completed. - Most areas of campus remained unchanged. Areas that will need to be re-examined include James Hall and Main Street West. Once construction has been completed on these areas, the changes will be inventoried, mapped, and all GIS database systems will be updated appropriately. 2008 - UNH GIS updates the storm water dataset whenever a significant change has occurred on campus (i.e. the completion of a major construction project). If there are several major construction projects going on at simultaneously, the system will be updated annually as soon as all projects have been completed. - The most recent update to the Storm Water Sewer System map was completed in April 2007. - Most areas of campus remained unchanged. Areas that will need to be re-examined include: SERC Building C, Fairchild Hall, Dairy Bar, and DeMcritt Hall. Once construction has been completed on these areas, the changes will be inventoried, mapped, and all GIS database systems will be updated appropriately. 2007 - UNH GIS updated the Storm Water Sewer System map to include additional catch basin and outfall locations and the piping that connects these units as stated in BMP ID 6, June, 2006. 2006 - UNH GIS updated the Storm Water Sewer System map to include additional catch basin and outfall locations and the piping that connects these units as stated in BMP ID 6, June, 2005. 2005 - UNH GIS has updated the original Storm Water Sewer System map to include additional catch basin and outfall locations and the piping that connects these units. - UNH GIS is creating an electronic map of the UNH storm water sewer system to be published on the UNH Storm Water Management Program website.				

3) ILLICIT DISCHARGE DETECTION AND ELIMINATION (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
8	Development of Policy Prohibiting Illicit Discharges	J. Dombrosk	Completion and Implementation of Policy	In progress - see bulleted item(s) below.	Review and update the Storm Water Illicit Discharge Procedures as needed (include Town of Durham Storm Water Ordinance if approved).
	2010 - There were no changes to report this year. 2009 - There were no changes to report this year. 2008 - The Town of Durham's Storm Water Ordinance was reviewed and approved by the Planning Board in February, and has more recently been cleared by the Town Attorney. The final version will be brought before the Town Council in May, 2008. 2007 - The Town of Durham's draft ordinance was recently reviewed by Stone Environmental Consulting (using a NHDES grant) to identify its relative effectiveness and redundancies with existing Town regulations and ordinances. The Town of Durham will be evaluating this information and is expected to revise the draft ordinance accordingly. To satisfy the Phase II regulations, the Town of Durham is preparing to adopt an ordinance before May 2008. 2006 - Contacted the Town Engineer regarding the status of the "Town of Durham Storm Water Ordinance" on August 12, 2005. The Town Engineer responded that the Ordinance is still going through Town Attorney review. 2005 - Re-evaluated and updated the UNH Storm Water Illicit Discharge Procedures on March 1, 2005. This document includes IDDE preparation, drainage system, investigation and summary of findings. - Contacted the Town Engineer regarding the status of the "Town of Durham Storm Water Ordinance" on March 8, 2005. The Town Engineer responded that the Ordinance is going through Town Attorney review and should be before the Town Council in June 2005.				

3) ILLICIT DISCHARGE DETECTION AND ELIMINATION (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
9	Development and Implementation of an IDDE Plan	J. Dombrosk	Completion and Implementation of Plan	In progress - see bulleted item(s) below.	Storm water sewer system drainage will be further evaluated for illicit connections by dry weather, smoke or fluorescent dye testing as needed.
	2010 - Assessments for potential Illicit Discharges are ongoing; none were reported this year. 2009 - Assessments for potential Illicit Discharges are ongoing; none were reported this year. 2008 - Assessments for potential Illicit Discharges are ongoing; none were reported this year. 2007 - UNH "Illicit Discharge Detection and Elimination (IDDE) Program: Preliminary Summary of Findings – Peripheral Campus" written by the UNH Facilities Information Technology GIS Division. April 19, 2007. - Continued to update Storm Water Geo-databases to reflect changes in storm water network as the result of new construction and renovation projects. 2006 - UNH "Illicit Discharge Detection and Elimination (IDDE) Program: Preliminary Summary of Findings – Peripheral Campus" written by the UNH Facilities Information Technology GIS Division. April 13, 2006. - Continued to update Storm Water Geo-databases to reflect changes in storm water network as the result of new construction and renovation projects. 2005 "Illicit Discharge Detection and Elimination (IDDE) Program Implementation Report" written by the UNH Facilities Information Technology GIS Division. July 1, 2004. "Illicit Discharge Detection and Elimination (IDDE) Program – Summary of Findings" written by the UNH Facilities Information Technology GIS Division. April 15, 2005. - Letter of Enforcement issued to campus vendors who were illegally discharging into the storm water sewer system. September 2004.				

3) ILLICIT DISCHARGE DETECTION AND ELIMINATION (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
10	Provide Informational Materials to Employees and Public	J. Dombrosk	Inclusion in Informational Packet	See BMP-1 for progress.	Continue to provide informational material to campus community and general public.
	2010				
	• Showed the movie "Blue Gold: World Water Wars" on February 22 at the Memorial Union Building as part of the TAP IN water film and speaker series. • Showed the movie "Tapped" on March 22 at the Memorial Union Building as part of the TAP IN water film and speaker series. • Hosted public lecture by Maude Barlow, water rights activist & former UN advisor on March 31 at Murkland lecture hall as part of the TAP IN water film and speaker series. • The UNH Storm Water Management Plan brochure is distributed to new employees during the monthly UNH Human Resources – New Employee Orientation. • Updated the UNH Storm Water Management website to ensure all links are current and active.				
	2009				
	• Record, Jody. "Stormwater Permit Being Renewed." Campus Journal. UNH Media Relations. March 11, 2009. • The UNH Storm Water Management Plan brochure is distributed to new employees during the monthly UNH Human Resources – New Employee Orientation. • Updated the UNH Storm Water Management website to include information on the new draft MS4 permit for New Hampshire				
	2008				
	• Adopted and provided link on Environmental Health & Safety website for downloading the State of New Hampshire's "Guidelines and Standard Operating Procedures -- Illicit Discharge Detection and Elimination and Pollution Prevention/Good Housekeeping for Stormwater Phase II Communities in New Hampshire." Hard copies are also available at the Office of Environmental Health & Safety and at UNH Facilities Department. • The Office of Environmental Health & Safety hosted a "Pollution Prevention & Good Housekeeping Workshop" on June 6, 2007. This 2.5-hour training provided facilities and grounds/roads staff from UNH and surrounding communities, including the Town of Durham, with the resources to prevent and/or reduce pollutant runoff from daily operations. The workshop was one of seven such training events sponsored by the Seacoast Storm Water Coalition and partially funded by a grant from the NH Estuaries Project and the NH Dept of Environmental Services as authorized by the US EPA pursuant to Section 320 of the Clean Water Act. This training was based on the State of New Hampshire's "Guidelines and Standard Operating Procedures -- Illicit Discharge Detection and Elimination and Pollution Prevention/Good Housekeeping for Stormwater Phase II Communities in New Hampshire." • Printed and distributed copies of the "UNH Storm Water Brochure" to UNH faculty, staff, and students. (UNH Office of Environmental Health and Safety, 2007). • "Storm Water Management Showcase." (19" x 31") displayed at the UNH Earth Day Fair in April and at University Day Fair in September, 2007. • The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. More than 300 new employees received the brochure.				
	2007				
	• Mantz, E. "Keeping our Water Clean." Campus Journal. UNH Media Relations. March, 2007. The Campus Journal is distributed to more than 1,600 subscribers. • "Storm Water Management Showcase." (19" x 31") displayed at the UNH Memorial Union Building from March through April 2007. • Printed and distributed copies of the "UNH Storm Water Brochure" to UNH faculty, staff, and students. (UNH Office of Environmental Health and Safety, 2006). • The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. More than 400 new employees received the brochure.				
	2006				
	• Mantz, E. "No Dumping Drains to Bay." Campus Journal. UNH Media Relations. April, 2006. The Campus Journal is distributed to more than 1,600 subscribers. • Updated the UNH Storm Water Management website to include a downloadable/printable map of the campus catch basin system. January, 2006. • The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. A total of 350 new employees received the brochure.				

3) ILLICIT DISCHARGE DETECTION AND ELIMINATION (continued)					
BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
11	Assessment of Non-Storm Water Discharges	J. Dombrosk	Identification and Elimination of Contributing Allowable NSWDS	In progress	Continue to assess and identify allowable NSWDS to the MS4 and assess for potential contaminant contribution.
	2010 - The presence of allowable (as listed by US EPA) NSWDS to the UNH storm water sewer system continued to be assessed for potential contaminant contribution and none were documented. A list of allowable non-storm water discharges is included in the UNH Storm Water Illicit Discharge Procedures. 2009 - The presence of allowable (as listed by US EPA) NSWDS to the UNH storm water sewer system continued to be assessed for potential contaminant contribution and none were documented. A list of allowable non-storm water discharges is included in the UNH Storm Water Illicit Discharge Procedures. 2008 - The presence of allowable (as listed by US EPA) NSWDS to the UNH storm water sewer system continued to be assessed for potential contaminant contribution and none were documented. A list of allowable non-storm water discharges is included in the UNH Storm Water Illicit Discharge Procedures. 2007 - The presence of allowable (as listed by US EPA) NSWDS to the UNH storm water sewer system continued to be assessed for potential contaminant contribution and none were documented. A list of allowable non-storm water discharges is included in the UNH Storm Water Illicit Discharge Procedures. 2006 - The presence of allowable (as listed by US EPA) NSWDS to the UNH storm water sewer system continued to be assessed for potential contaminant contribution and none were documented. 2005 - A list of allowable non-storm water discharges is included in the UNH Storm Water Illicit Discharge Procedures. March. 2005.				

4) CONSTRUCTION SITE RUNOFF CONTROL

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
12	Development of a Construction Site Erosion and Sediment Runoff Control Policy	L. Van Dessel	Completion and Implementation of Policy	In progress - see bulleted item(s) below.	Review and update policy as needed.
	2010 - There were no changes to report this year. 2009 - Management of the stormwater permit program is being transferred from the Environmental Health & Safety department to Energy & Campus Development (ECD). ECD contains the group that manages all construction activity on campus, so there will be closer alignment with construction activities and stormwater management measures. 2008 - Received copies of the SWPPP for the new UNH Biogas Pipeline construction project that was regulated under the EPA requirement for storm water construction permit. - The Demeritt Circle/Forest Park II, Southeast Residential Community (SERC) construction project extended their SWPPP and NOI for the construction of Bldg C that was regulated under the EPA requirement for storm water construction permit. 2007 - Received copies of the SWPPP and NOI for the new Demeritt Circle/Forest Park II, Southeast Residential Community construction project that was regulated under the EPA requirement for storm water construction permit. 2006 - Received copies of the SWPPP for the new Kingsbury Hall construction project that was regulated under the EPA requirement for storm water construction permit. - Received copies of the SWPPP and NOI for the new Gables Residence Halls construction project that was regulated under the EPA requirement for storm water construction permit. 2005 - Construction Site Erosion and Sediment Runoff Control Policy reviewed and updated by Facilities Design and Construction in April 2005. - Received copies of the SWPPP for two construction projects and NOI for one project over one acre in size that falls under the EPA requirement for storm water construction permit.				

4) CONSTRUCTION SITE RUNOFF CONTROL (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
13	Public Notification and Comment	L. Van Dessel	Documentation and Follow-up	In progress - see bulleted item(s) below.	Review and update procedures as needed.
	2009 - Nothing new to report this year. 2008 - Public notification and comment procedures in place and addressed for each applicable construction project. 2007 - Public notification and comment procedures in place and addressed for each applicable construction project. 2006 - Public notification and comment procedures in place and addressed for each applicable construction project. 2005 - Public notification and comment procedures reviewed and updated by Facilities Design and Construction in April 2005. - Public notification and comment process implemented for co-generation project currently being built by EMCOR.				

4) CONSTRUCTION SITE RUNOFF CONTROL (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
14	On-Site Inspection and Enforcement	L. Van Dessel	100% Compliance	No action required at this time.	Continue to implement on-site inspection and enforcement procedures for applicable construction projects.
	2010	Representatives from outside contractors with construction SWPPPs in place for applicable construction projects at the UNH Campus conduct regular inspections of construction site to ensure compliance with the individual SWPPP.			
	2009	Representatives from outside contractors with construction SWPPPs in place for applicable construction projects at the UNH Campus conduct regular inspections of construction site to ensure compliance with the individual SWPPP.			
	2008	Representatives from outside contractors with construction SWPPPs in place for applicable construction projects at the UNH Campus conduct regular inspections of construction site to ensure compliance with the individual SWPPP.			
	2007	Representatives from outside contractors with construction SWPPPs in place for applicable construction projects at the UNH Campus conduct regular inspections of construction site to ensure compliance with the individual SWPPP.			
	2006	Representatives from outside contractors with construction SWPPPs in place for applicable construction projects at the UNH Campus conduct regular inspections of construction site to ensure compliance with the individual SWPPP.			
	2005	Representatives from two outside contractors with construction SWPPPs conduct regular inspections of construction site to ensure compliance with the individual SWPPP.			

5) POST-CONSTRUCTION RUNOFF CONTROL

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
15	Development of a Post-Construction Runoff Control Policy	L. Van Dessel J. Dombrosk	Completion and Implementation of Policy; Annual Inspection and Review Schedule	In progress – see bulleted item(s) below.	Review and update procedures as needed.
	2010 - Storm water treatment structures installed at UNH Campus during continuing construction projects have been and continue to be inventoried as they become operational. 2009 - Storm water treatment structures installed at UNH Campus during continuing construction projects have been and continue to be inventoried as they become operational. 2008 - Storm water treatment structures installed at UNH Campus during continuing construction projects have been and continue to be inventoried as they become operational. 2007 - Storm water treatment structures installed at UNH Campus during continuing construction projects have been and continue to be inventoried as they become operational. 2006 - Storm water treatment structures installed at UNH Campus during continuing construction projects have been and continue to be inventoried as they become operational. 2005 - Post Construction Runoff Control Policy reviewed and updated by Facilities Design and Construction in April 2005. - Storm water treatment structures installed at various construction site locations have been inventoried and are operational.				

6) POLLUTION PREVENTION / GOOD HOUSEKEEPING

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
16	Development of a Comprehensive Operations and Maintenance Plan	J. Dombrosk	Completion and Implementation of Plan	No action required at this time.	Continue development and implementation of COMP.
	2010 - The UNH Facilities Department has adopted the State of New Hampshire's "Guidelines and Standard Operating Procedures -- Illicit Discharge Detection and Elimination and Pollution Prevention/Good Housekeeping for Stormwater Phase II Communities in New Hampshire." April, 2007. - In the summer of 2009, UNH hired New England Catch Basin Cleaners, LLC to clean 317 catch basin. Approximately 35 yards of debris was removed from these structures. - The UNH Grounds and Roads Department applied approximately 750 tons of salt and 50 tons of salt/sand mix to campus parking lots, roadways, sidewalks, etc. from November 2009 to March 2010. - UNH hired Ruel Street Sweeping, LLC to conduct street sweeping of all parking lots, streets, pedestrian boulevards, etc. for sand, trash, cigarette filters, and other non-point sources of pollution in Summer 2009. 2009 - The UNH Facilities Department has adopted the State of New Hampshire's "Guidelines and Standard Operating Procedures -- Illicit Discharge Detection and Elimination and Pollution Prevention/Good Housekeeping for Stormwater Phase II Communities in New Hampshire." April, 2007. - In the summer of 2008, UNH hired New England Catch Basin Cleaners, LLC to clean 326 catch basin. Approximately 30 yards of debris was removed from these structures. - The UNH Grounds and Roads Department applied approximately 1500 tons of salt and 50 tons of sand to campus parking lots, roadways, sidewalks, etc. from November 2008 to March 2009. - UNH hired Ruel Street Sweeping, LLC to conduct street sweeping of all parking lots, streets, pedestrian boulevards, etc. for sand, trash, cigarette filters, and other non-point sources of pollution in May 2008. 2008 - The UNH Facilities Department has adopted the State of New Hampshire's "Guidelines and Standard Operating Procedures -- Illicit Discharge Detection and Elimination and Pollution Prevention/Good Housekeeping for Stormwater Phase II Communities in New Hampshire." April, 2007. - UNH hired New England Catch Basin Cleaners, LLC to clean 300 catch basins were cleaned. Approximately 30 yards of debris was removed from these structures. - The UNH Grounds and Roads Department applied approximately 1300 tons of salt and 70 tons of a sand/salt mixture to campus parking lots, roadways, sidewalks, etc. from November 2007 to March 2008. - UNH has hired Ruel Street Sweeping, LLC to conduct street sweeping of all parking lots, streets, pedestrian boulevards, etc. for sand, trash, cigarette filters, and other non-point sources of pollution for May 2008. 2007 - The UNH Facilities Department is adopting the State of New Hampshire's "Guidelines and Standard Operating Procedures -- Illicit Discharge Detection and Elimination and Pollution Prevention/Good Housekeeping for Stormwater Phase II Communities in New Hampshire." April, 2007. - The UNH Grounds and Roads Department applied approximately 700 tons of salt and tons of a sand/salt mixture to campus parking lots, roadways, sidewalks, etc. from November 2006 to March 2007. - The UNH Housing Department applied approximately 2000 lbs of ice melt and 1000 lbs salt/sand mixture at Forest Park; approximately 3550 lbs of ice melt (Blue Shark) and 200 lbs salt/sand mixture at the Gables dormitories; and approximately 1000 lbs of ice melt (Blue Shark) and 100 lbs salt/sand mixture at Woodside Apartments. - UNH hired New England Catch Basin Cleaners, LLC to clean 300 catch basins were cleaned. Approximately 50 tons of sand was removed from these structures. - UNH has hired Ruel Street Sweeping, LLC to conduct street sweeping of all parking lots, streets, pedestrian boulevards, etc. for sand, trash, cigarette filters, and other non-point sources of pollution for May 2007. 2006 - UNH is participating in the development of the New Hampshire Seacoast Storm Water Coalition's Guidelines and Standard Operating Procedures Manual for possible adoption by Facilities Support Services. Fall 2005/Spring 2006. - UNH hired New England Catch Basin Cleaners, LLC to perform a comprehensive clean-out of all catch basins identified on the UNH Storm Water Sewer System Map. More than 500 catch basins were cleaned. In addition, the company provided a list of catch basins for which they recommended annual cleaning and a separate list of basins that need to be repaired. September 2005. - UNH hired Ruel Street Sweeping, LLC to conduct street sweeping of all parking lots, streets, pedestrian boulevards, etc. for sand, trash, cigarette filters, and other non-point sources of pollution. May 2005. - UNH Facilities Support Services reduced the quantity of sand that was applied to campus parking lots, streets, and walkways to approximately 50 tons (from approximately 200 tons the previous year).				

6) POLLUTION PREVENTION / GOOD HOUSEKEEPING (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
17	Development of a Materials Management and Recycling Policy	J. Dombrosk	Completion and Implementation of Policy	No action required at this time.	Continue development and implementation of MMRP. Coordinate with the UNH Solid Waste Management Plan initiative.
	2010 - UNH has implemented a recycling program with Waste Management. For Fiscal Year 2009, UNH recycled 166 tons of co-mingled beverage containers and 343 tons of mixed paper. 2009 - UNH has implemented a recycling program with Waste Management. For Fiscal Year 2008, UNH recycled 123 tons of co-mingled plastics and 301 tons of paper. 2008 - UNH has implemented a recycling program with Waste Management. From April 2007 through March 2008, UNH recycled 98.58 tons of co-mingled plastics and 219.88 tons of paper. - Revised and updated UNH Hazardous Waste Management Plan to communicate the methods UNH uses to properly manage hazardous waste. - Revised and updated UNH Integrated Contingency/Spill Prevention Control and Countermeasure Plan to reflect recent changes in EPA regulations. 2007 - This program is under development. 2006 - This program is under development. 2005 - Revised and updated UNH Hazardous Waste Management Plan to communicate the methods UNH uses to properly manage hazardous waste. - Revised and updated UNH Integrated Contingency/Spill Prevention Control and Countermeasure Plan to reflect recent changes in EPA regulations. - Updated the UNH Chemical Environmental Management System to include an electronic radioactive materials inventory module. - Completed an analysis of solid waste streams at UNH by ranking each stream based on ten key criteria as stipulated in the UNH Solid Waste Environmental Management Plan. - Began the analysis of the UNH recycling program to collect data to be used in the development of a Comprehensive Materials Management Policy.				

6) POLLUTION PREVENTION / GOOD HOUSEKEEPING (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
18	Facilities Employee Training Program	J. Dombrosk	Completion and Implementation of Program	No action required at this time.	Continue to develop outline for training program and identify employees who require training.
	2010 - The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. 2009 - The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. 2008 - Select UNH decision makers attended an “Illicit Discharge Detection & Elimination Workshop” on May 24, 2007. This 6-hour workshop covered methodologies for developing and implanting an IDDE Program. The workshop was one of two such training events sponsored by the Seacoast Storm Water Coalition and partially funded by a grant from the NH Estuaries Project and the NH Dept of Environmental Services as authorized by the US EPA pursuant to Section 320 of the Clean Water Act. This training was based on the State of New Hampshire’s “Guidelines and Standard Operating Procedures -- Illicit Discharge Detection and Elimination and Pollution Prevention/Good Housekeeping for Stormwater Phase II Communities in New Hampshire.” - The Office of Environmental Health & Safety hosted a “Pollution Prevention & Good Housekeeping Workshop” on June 6, 2007. This 2.5-hour training provided facilities and grounds/roads staff from UNH and surrounding communities, including the Town of Durham, with the resources to prevent and/or reduce pollutant runoff from daily operations. The workshop was one of seven such training events sponsored by the Seacoast Storm Water Coalition and partially funded by a grant from the NH Estuaries Project and the NH Dept of Environmental Services as authorized by the US EPA pursuant to Section 320 of the Clean Water Act. This training was based on the State of New Hampshire’s “Guidelines and Standard Operating Procedures -- Illicit Discharge Detection and Elimination and Pollution Prevention/Good Housekeeping for Stormwater Phase II Communities in New Hampshire.” - The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. More than 300 new employees received the brochure. 2007 - Several UNH employees will be participating in a local “Illicit Discharge Detection & Elimination Workshop” on May 1, 2007 or May 24, 2007. Attendees will emerge with a formal, cost effective, workable IDDE program for their community in compliance with Federal Storm Water Phase II Regulations. These workshops are sponsored by the Seacoast Storm Water Coalition and are partially funded by a grant from the NH Estuaries Project and the NH Dept of Environmental Services as authorized by the US EPA pursuant to Section 320 of the Clean Water Act. - An “official” Facilities Employee Training Program is still under development. 2006 - This program is under development. 2005 - Spill Prevention Control and Countermeasure (SPCC) training given to UNH Facilities, Housing and Farm employees.				

6) POLLUTION PREVENTION / GOOD HOUSEKEEPING (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
19	Community Outreach Program	J. Dombrosk	Completion and Implementation of Program	See BMP-1: Storm Water Management Pamphlet.	Continue education efforts as outlined BMP-1.
	2010 • Showed the movie "Blue Gold: World Water Wars" on February 22 at the Memorial Union Building as part of the TAP IN water film and speaker series. • Showed the movie "Tapped" on March 22 at the Memorial Union Building as part of the TAP IN water film and speaker series. • Hosted public lecture by Maude Barlow, water rights activist & former UN advisor on March 31 at Munkland lecture hall as part of the TAP IN water film and speaker series. • Updated the UNH Storm Water Management website to ensure all links are current and active. 2009 • Gillum, D. "Solid Waste Management and Minimization at UNH." Presented to four Natural Resources classes with more than 800 students in attendance in the 2008 fall semester. • Record, Jody. "Stormwater Permit Being Renewed." Campus Journal. UNH Media Relations. March 11, 2009. 2008 • Gillum, D. "Solid Waste Management and Minimization at UNH." Presented to four Natural Resources classes with more than 800 students in attendance in the 2007 fall semester. • Leonard, Dolores. "At UNH, Even the Parking Lots are Green." Campus Journal. UNH Media Relations. August, 2007. The Campus Journal is distributed to more than 1,600 subscribers. • Leonard, Dolores. "New Pervious Concrete Surface Aims to 'Treat Polluted Stormwater.'" The Cooperative Institute for Coastal & Estuarine Environmental Technology. August, 2007. • Aldag, Kurt. "Water, Water Everywhere...But is it Safe to Drink?" College of Engineering and Physical Science. October, 2007. • Portier, Beth. "UNH Research Says, 'Hold the Salt.'" Campus Journal. UNH Media Relations. February, 2008. • JohnnyBear, Debra. "Paving the Way for Green Roads." Campus Journal. UNH Media Relations. February, 2008. • "Storm Water Management Showcase." (19" x 31") displayed at the UNH Earth Day Fair in April and at University Day Fair in September, 2007. 2007 • Roscen, R. Ballesterio, T. Houle, J. Avelleneda, P. Wildey, R. Briggs, J. "Storm Water Low-Impact Development, Conventional Structural, and Manufactured Treatment Strategies for Parking Lot Runoff Performance Evaluations Under Varied Mass Loading Conditions." Transportation Research Record: Journal of the Transportation Research Board, No. 1984, Transportation Research Board of the National Academics, Washington, D.C., 2006, pp. 135-147. 2006. • Gillum, D. "Solid Waste Management and Minimization at UNH." Presented to four Natural Resources classes with more than 600 students in attendance in the 2006 fall semester and 2007 spring semester. • Mantz, E. "Keeping our Water Clean." Campus Journal. UNH Media Relations. March, 2007. The Campus Journal is distributed to more than 1,600 subscribers. • "Storm Water Management Showcase." (19" x 31") displayed at the UNH Memorial Union Building from March through April 2007. 2006 • Jones, S. and Houle, J. "Low Impact Storm Water Management Projects at the University of New Hampshire – Progress Report." April 24, 2006. See Appendix A for more information. The Center for Storm Water Testing and Evaluation (CSTEV) had nearly 9,000 hits from April 1, 2005 through March 31, 2006. • Gillum, D. "Solid Waste Management and Minimization at UNH." Presented to an introductory Natural Resources class with more than 450 students in attendance in the 2006 spring semester. • Mantz, E. "No Dumping Drains to Bay." Campus Journal. UNH Media Relations. April, 2006. The Campus Journal is distributed to more than 1,600 subscribers.				

6) POLLUTION PREVENTION / GOOD HOUSEKEEPING (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 7 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
20	Community Participation Program	J. Dombrosk	Completion and Implementation of Program	See BMP-4 for current progress.	Continue participation efforts for surface water monitoring activities.
	2010 • UNH continues to participate in the monthly public forums with the New Hampshire Seacoast Storm Water Coalition. The Coalition continues to explore options for developing training modules reviewing storm water management for presentation to municipal councils and boards. • Attended NH-DES information meeting on Southeast Watershed Alliance, Nottingham, NH Fall 2009 2009 • UNH continues to participate in the monthly public forums with the New Hampshire Seacoast Storm Water Coalition. The Coalition continues to explore options for developing training modules reviewing storm water management for presentation to municipal councils and boards. • Attended EPA informational meeting and public hearing on draft new MS4 permit for NH in Portsmouth, January 28, 2009. 2008 • UNH continues to participate in the monthly New Hampshire Seacoast Storm Water Coalition Meetings. The Coalition continues to explore options for developing training modules reviewing storm water management for presentation to municipal councils and boards. • Representatives from UNH attended the EPA Region 1 “Monitoring Meeting for Small MS4 Permit Phase II Communities” in Boston, M.A., on January 8, 2008. 2007 • UNH continues to participate in the monthly New Hampshire Seacoast Storm Water Coalition Meetings. • Representatives from UNH attended the First Annual New Hampshire Statewide “Regional Storm Water Meeting” in Manchester, NH. May 9, 2006. 2006 • UNH is participating in the development of the New Hampshire Seacoast Storm Water Coalition’s Guidelines and Standard Operating Procedures Manual for possible adoption by Facilities Support Services. Fall 2005/Spring 2006. 2005 • Sponsored an on-site visit of the Center for Storm Water Technology Evaluation and Verification (CSTEV) at UNH and invited Seacoast Storm Water Coalition members to attend. November 11, 2004. • A link to the “College Brook Ecological Restoration Project” has been added to the UNH Storm Water Management Program website.				