Municipality/Organization:	**University of New Hampshire**
EPA NPDES Permit Number:	**NHR042001**
MaDEP Transmittal Number:	**N/A**
Annual Report Number & Reporting Period:	**No. 3: March 05-March 06**

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Bradford Manning **Title:** Director - Office of Environmental Health & Safety

Telephone #: 603-862-4041 **Email:** bmanning@cisunix.unh.edu

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: Bradford Manning

Printed Name: Bradford Manning

Title: Director, Environmental Health and Safety

Date: April 27, 2006

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 3 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
1	**Production and Distribution of Informational Publications**	B. Manning	Distribution to Faculty and Student Population; Evaluation of Public Comments	In progress - see bulleted item(s) below.	Continue creating and distributing informational resources.

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.

2004

- UNH Storm Water Management Pamphlet December 2003.
- Letter dated January 15, 2004, from John Aber, Vice President for Research and Public Service and Brad Manning, Director of Environmental Health and Safety, distributed to the UNH Community.
- Reed, J. "EHS Targets Pollutants in University Storm Water System." Campus Journal. Volume XLI, Number 22. UNH Media Relations. January 30, 2004.
- Public Forum Held on Storm Water Management." Campus Journal. Volume XLI, Number 27. UNH Media Relations. March 5, 2004.
- Public Forum Held on Storm Water Management." Campus Journal. Volume XLI, Number 28. UNH Media Relations. March 12, 2004.
- "Storm Water Management Showcase." (19" x 31") displayed at the UNH Memorial Union Building from February 23, 2004 through March 31, 2004.

1) PUBLIC EDUCATION AND OUTREACH (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (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**	B. Manning	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.

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).

2004

- http://www.unh.edu/ehs/stormwater/
- Provides comprehensive information on UNH Storm Water Management program, EPA/UNH publications, related campus research projects on storm water and other resources.

2) PUBLIC PARTICIPATION / INVOLVEMENT (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
6	**Stenciling of Catch basins**	B. Manning	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.

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.

2004

- "Storm Water Management Catch Basin Stenciling Project." PowerPoint Presentation. March, 2004.
- "Storm Drain Stenciling to Build Storm Water Awareness in NH's Estuarine Communities." Final Report to the New Hampshire Estuaries Project. Submitted by Julia Peterson (NH Sea Grant) on June 30, 2003.
- Julia Peterson and 4H Teen Conference Volunteers stenciled 103 catch basins (19% of all catch basins) at UNH in late June of 2003.

3) ILLICIT DISCHARGE DETECTION AND ELIMINATION (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
9	**Development and Implementation of an IDDE Plan**	M. Hayes	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.

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.

2004

- Surface storm water drainage network components will be field validated using Global Positioning Systems (GPS). All outfalls will be field identified (marked) and assigned to water quality technicians for dry-weather qualitative/quantitative sampling. Field reference data materials and water quality sampling documentation for qualitative/quantitative assessments will be prepared for and provided to all water quality technicians prior to the IDDE testing.

3) ILLICIT DISCHARGE DETECTION AND ELIMINATION (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
11	**Assessment of Non-Storm Water Discharges**	M. Hayes	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.
	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 (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (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.
	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.				

6) POLLUTION PREVENTION / GOOD HOUSEKEEPING

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
16	**Development of a Comprehensive Operations and Maintenance Plan**	M. Hayes	Completion and Implementation of Plan	No action required at this time.	Continue development and implementation of COMP.
	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 650 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). **2005** • Completed the draft UNH Storm Water Management Operations and Maintenance Plan in March 2005.				

6) POLLUTION PREVENTION / GOOD HOUSEKEEPING (continued)

BMP ID	BMP	Responsible Person(s)	Measurable Goal(s)	Progress on Goal(s) – Permit Year 3 (Reliance on non-municipal partners indicated, if any)	Changes/Goals for Next Reporting Year
18	**Facilities Employee Training Program**	M. Hayes	Completion and Implementation of Program	No action required at this time.	Continue to develop outline for training program and identify employees who require training.
	2006 • This program is under development. **2005** • Spill Prevention Control and Countermeasure (SPCC) training given to UNH Facilities, Housing and Farm employees.				
19	**Community Outreach Program**	M. Hayes	Completion and Implementation of Program	See **BMP-1:** Storm Water Management Pamphlet.	Continue education efforts as outlined **BMP-1**.
	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. **2005** • Gillum, D. "Solid Waste Management and Minimization at UNH." Presented to an introductory Natural Resources class with more than 300 students in attendance in the 2005 spring semester. • Knowlton, S. "Managing Waste at the Source." Presented to an introductory Natural Resources class with more than 300 students in attendance in the 2005 spring semester. • Yates, S. "Storm Water Management Program Progresses." Campus Journal. Volume XLII, Number 13. UNH Media Relations. January 1, 2005. • Yates, S. "New Center Tackles Storm Water Management." Campus Journal. Volume XLII, Number 10. UNH Media Relations. November 12, 2004. • Pamphlet and link to UNH Storm Water Management Plan has been included in the UNH Human Resources, "New Employee Orientation Program and Handbook" • "Storm Water Management Showcase." (19" x 31") displayed at the UNH Memorial Union Building from January 1, 2005 through May 31, 2005.				

Part IV. Summary of Information Collected and Analyzed

2006

- Over 680 permanent storm catch basin drain markers, indicating "No Dumping – Drains to Bay" from Almatek Industries.
- Four hourly employees were hired to apply the placards to the catch basins.
- A few storm water-related financial figures:
    - $2,500 allocated for storm water placarding supplies
    - $8,400 allocated for street sweeping
    - $27,973 allocated for basin cleanings
    - $7,525 allocated for hourly pay
    - $3,282 allocated for spill kit supplies
    - $2,480 allocated for Facilities GIS support
- The UNH Office of Environmental Health and Safety had nearly 200,000 "hits" (people viewing the website) from April 1, 2005 through March 31, 2006.

2005

- In addition to our stated BMPs in our SWMP, a grant has been given to UNH Natural Resources Professor Steve Jones to analyze "Low Impact Storm Water Management Programs at UNH." This grant was partially funded by the UNH Storm Water Management Program.
- $75,000 allocated for the implementation of Storm Water Management Program BMPs. Individual projects include:
    - $42,896.63 allocated for IDDE project.
    - $7,215.48 allocated for the Storm Drain Marker Project.
    - $3,541 allocated for the "Low Impact Storm Water Management Project."
    - $2,864 allocated for spill absorbent kits.
- Approximately 3,800 UNH students have seen "Storm Water Runoff, There is no Away," which was broadcasted for public viewing on UNH Catvision (Channel 3).
- Approximately 3,000 faculty and staff were provided the UNH Campus Journal publication that contained two articles providing updates to the campus community on the UNH Storm Water Management Program.

2004

- 3,124 Storm Water Management pamphlets were sent to the UNH community in January 2004.
    - 100 pamphlets printed in February 2004 for on-hand supply.
    - 500 pamphlets printed in March 2004 for upon-requests.
- 103 UNH catch basins (19% of all catch basins) were stenciled in late June of 2003.
- >800 undergraduate students were presented information about the UNH Storm Water Management Program on December 2, 2003 and April 22, 2004.
- Approximately 3,800 UNH students have seen "Storm Water Runoff, There is no Away," which was broadcasted for public viewing on UNH Catvision (Channel 3 and Channel 27).
- Approximately 5,500 UNH students have read an article about the UNH Storm Water Management Plan (in the dorm newspapers).

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NHRCH 3001
UNH-Durham, NH

April 28, 2006

New Hampshire Department of Environmental Services
Water Division
Wastewater Engineering Bureau
P.O. Box 95
Concord, NH 03302-0095

MAY - 1

United State Environmental Protection Agency
Water Technical Unit
P.O. Box 8127
Boston, MA 02114

Subject: Seabrook, NH
NPDES Phase II Stormwater Management Plan
Annual Evaluation – Year 3

To Permit Reviewers:

On behalf of the Town of Seabrook, we are submitting the following NPDES Phase II Stormwater Management Plan Annual Evaluation as required by the United States Environmental Protection Agency (US EPA) and the New Hampshire Department of Environmental Services (NH DES) for coverage under the US EPA NPDES Stormwater General Permit.

If there are any questions or comments with respect to any of the information contained in the Annual Evaluation or the accompanying detailed plan, please do not hesitate to contact the undersigned.

Very truly yours,

Earth Tech, Inc.

Abigail Charest
Environmental Engineer

cc: Town of Seabrook w/ attachments

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UNIVERSITY *of* NEW HAMPSHIRE

April 27, 2006

United States Environmental Protection Agency
Water Technical Unit
P.O. Box 8127
Boston, MA 02114

RE: NPDES Phase II Small MS4 General Permit Annual Report NHR042001

To Whom It May Concern,

Enclosed please find the NPDES Phase II Small MS4 General Permit Annual Report for the University of New Hampshire. Please do not hesitate to contact me if you need any additional information.

Sincerely,

Bradford Manning
Director

ENVIRONMENTAL HEALTH AND SAFETY

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