

Municipality/Organization: [University of New Hampshire](#)

EPA NPDES Permit Number: [NHR042001](#)

MaDEP Transmittal Number: [N/A](#)

**Annual Report Number
& Reporting Period:** [No. 14: March 2016 – March 2017](#)

NPDES PII Small MS4 General Permit Annual Report

Part I. General Information

Contact Person: Matt O'Keefe

Title: Director of Energy & Utilities

Telephone #: 603-862-1276

Email: matt.okeefe@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:



Printed Name: Matt O'Keefe

Title: Director of Energy & Utilities

Date: April 27, 2017

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	M. O’Keefe	Distribution to Faculty and Student Population; Evaluation of Public Comments	In progress - see bulleted item(s) below.	Continue creating and distributing informational resources.
	2016 - 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. 2015 - 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. 2014 - 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. 2013 - 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. 2012 - 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. 2011 - 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. 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 “Storm Water Management Showcase.” (19” x 31”) displayed at the MUB in March 2009.				

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	M. O’Keefe	Completion of Video Post-Production; Scheduling of Public Viewing; and Notice of Availability to Requesting Organizations	In progress - see bulleted item(s) below.	Continue to provide electronic links to video movies.
	2016 - No changes to content. New web address: https://vimeo.com/103819372 ;linked from https://www.unh.edu/facilities/storm-water-management 2015 - No changes to content. 2014 - No changes to content. Web site address migrated from Energy & Campus Development (ECD) to Facilities. 2013 - No changes to report. 2012 - No changes to report. 2011 - Posted the “Storm Water Runoff - There is no Away!” video online at http://www.unh.edu/ecd/images/stormwater/Storm-Water-Runoff.mp4. (Seacoast Storm Water Coalition, 2003). - Posted the “UNH Protecting Our Water” video online at http://www.unh.edu/ecd/images/stormwater/UNH-Protecting-Our-Water.mp4. (UNH and the Seacoast Storm Water Coalition, 2005). 2010 - Relocated the “Storm Water Runoff - There is no Away!” video online at http://www.unh.edu/ecd/images/stormwater/Storm-Water-Runoff.mp4. (Seacoast Storm Water Coalition, 2003). - Relocated the “UNH Protecting Our Water” video online at http://www.unh.edu/ecd/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).				

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	M. O'Keefe	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.
	2016 - Continued maintenance and development of UNH Facilities stormwater web site https://www.unh.edu/facilities/storm-water-management 2015 - Continued maintenance and development of UNH Facilities stormwater web site {http://www.unh.edu/facilities/stormwater.html}. 2014 - Continued maintenance and development of UNH Facilities stormwater web site {http://www.unh.edu/facilities/stormwater.html}. Website migrated from Energy & Campus Development to Facilities. 2013 - Continued maintenance and development of UNH Energy & Campus Development stormwater web site {http://www.unh.edu/ecd/stormwater.html} 2012 - Continued maintenance and development of UNH Energy & Campus Development stormwater web site {http://www.unh.edu/ecd/stormwater.html} 2011 - Continued maintenance and development of UNH Energy & Campus Development stormwater web site {http://www.unh.edu/ecd/stormwater.html} 2010 - Continued maintenance and development of UNH Energy & Campus Development stormwater web site {http://www.unh.edu/ecd/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/ecd/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/ehs/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.				

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	M. O’Keefe	Holding of Public Meeting	In progress - see bulleted item(s) below.	Continue attending Seacoast Stormwater Coalition meetings and other public stormwater events.
	2016 - UNH continues to participate in the monthly meetings with the New Hampshire Seacoast Storm Water Coalition. UNH participated in public forums and hearings related to the new draft MS4 permit for New Hampshire. 2015 - UNH continues to participate in the quarterly meetings with the New Hampshire Seacoast Storm Water Coalition. UNH participated in public forums and hearings related to the new draft MS4 permit for New Hampshire. 2014 - UNH continues to participate in the quarterly meetings with the New Hampshire Seacoast Storm Water Coalition. UNH participated in public forums and hearings related to the new draft MS4 permit for New Hampshire. 2013 - UNH continues to participate in the monthly meetings with the New Hampshire Seacoast Storm Water Coalition. UNH participated in public forums and hearings related to the new draft MS4 permit for New Hampshire. 2012 - 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. 2011 - 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. 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.				

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	M. O'Keefe	Establishment of Committee; Semester Events	In progress - see bulleted item(s) below.	Continue campus community involvement through UNH EcoTaskForce
	2016 - UNH EcoTaskForce, a volunteer group of students, faculty and staff, continue to meet regularly and address ecological sustainability issues, one of which is stormwater management and water quality. 2015 - UNH EcoTaskForce, a volunteer group of students, faculty and staff, continue to meet regularly and address ecological sustainability issues, one of which is stormwater management and water quality. 2014 - UNH EcoTaskForce, a volunteer group of students, faculty and staff, continue to meet regularly and address ecological sustainability issues, one of which is stormwater management and water quality. 2013 - UNH established EcoTaskForce a volunteer group of students, faculty and staff looking into ecological sustainability issues, one of which is stormwater management. 2012 - There were no changes to report this year. 2011 - There were no changes to report this year. 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.				

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	M. O’Keefe	All CBs Stenciled	In progress - see bulleted item(s) below.	Review cost effectiveness of catch basin markers.
	2016 - Looking to other communities BMP’s to determine future practice of labeling. Continues to be a discussion topic at Seacoast Stormwater Coalition meetings. 2015 - Looking to other communities BMP’s to determine future practice of labeling. Continues to be a discussion topic at Seacoast Stormwater Coalition meetings. 2014 - Conducted survey of catch basin markers to determine how many are missing due to snow plowing, vandalism, etc. Only 90 of 850 catch basins still have medallions. The marking program is being reviewed for cost effectiveness. 2013 - There were no changes to report this year. 2012 - There were no changes to report this year. 2011 - There were no changes to report this year. 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				

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	M. O'Keefe	Completion of Site Plan	In progress - see bulleted item(s) below.	Complete catchment ranking.
	2016 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 simultaneously, the system will be updated annually as soon as all projects have been completed. Most areas of campus remained unchanged. Catchments identification is complete and current. 2015 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 simultaneously, the system will be updated annually as soon as all projects have been completed. Most areas of campus remained unchanged. Catchments identification is complete and current. 2014 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 simultaneously, the system will be updated annually as soon as all projects have been completed. Most areas of campus remained unchanged. Catchments ranking is now well underway. UNH purchased a remote camera system and locating sonde to enhance stormwater pipe condition assessments and mapping. 2013 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. Catchments are now being mapped and ranked as a new initiative. 2012 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. 2011 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. 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.				

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	M. O'Keefe	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).
	2016 - There were no changes to report this year. 2015 - There were no changes to report this year. 2014 - There were no changes to report this year. 2013 - There were no changes to report this year. 2012 - There were no changes to report this year. 2011 - There were no changes to report this year. 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	M. O'Keefe	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.
	2016 - Assessments for potential Illicit Discharges are ongoing; none were reported this year. 2015 - Assessments for potential Illicit Discharges are ongoing; none were reported this year. 2014 - Assessments for potential Illicit Discharges are ongoing; none were reported this year. 2013 - Assessments for potential Illicit Discharges are ongoing; none were reported this year. 2012 - Assessments for potential Illicit Discharges are ongoing; none were reported this year. 2011 - Assessments for potential Illicit Discharges are ongoing; none were reported this year. 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	M. O’Keefe	Inclusion in Informational Packet	See BMP-1 for progress.	Continue to provide informational material to campus community and general public.
	2016 - 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. 2015 - 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. 2014 - 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. 2013 - 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. 2012 - 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. 2011 - 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. 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				

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	M. O'Keefe	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.
	2016 - 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. 2015 - 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. 2014 - 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. 2013 - 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. 2012 - 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. 2011 - 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. 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.				

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	B. Whitmore	Completion and Implementation of Policy	In progress - see bulleted item(s) below.	Review and update policy as needed.
	2016 - There were no changes to report this year. 2015 - There were no changes to report this year. 2014 - There were no changes to report this year. 2013 - There were no changes to report this year. 2012 - There were no changes to report this year. 2011 - Revised UNH Construction & Renovation Standards including section on stormwater management measures. The UNH Stormwater Center assisted with that effort. 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.				

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	B. Whitmore	Documentation and Follow-up	In progress - see bulleted item(s) below.	Review and update procedures as needed.
	2016 • Nothing new to report this year. 2015 • Nothing new to report this year. 2014 • Nothing new to report this year. 2013 • Nothing new to report this year. 2012 • Nothing new to report this year. 2011 • Nothing new to report this year. 2010 • Nothing new to report this year. 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	B. Whitmore	100% Compliance	No action required at this time.	Continue to implement on-site inspection and enforcement procedures for applicable construction projects.
	2016 - 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. 2015 - 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. 2014 - 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. 2013 - 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. 2012 - 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. 2011 - 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. 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.				

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	B.Whitmore M. O'Keefe	Completion and Implementation of Policy; Annual Inspection and Review Schedule	In progress - see bulleted item(s) below.	Review and update procedures as needed.
	2016 - Storm water treatment structures installed at UNH Campus during continuing construction projects have been and continue to be inventoried as they become operational. 2015 - Storm water treatment structures installed at UNH Campus during continuing construction projects have been and continue to be inventoried as they become operational. 2014 - Storm water treatment structures installed at UNH Campus during continuing construction projects have been and continue to be inventoried as they become operational. 2013 - Storm water treatment structures installed at UNH Campus during continuing construction projects have been and continue to be inventoried as they become operational. 2012 - Storm water treatment structures installed at UNH Campus during continuing construction projects have been and continue to be inventoried as they become operational. 2011 - Storm water treatment structures installed at UNH Campus during continuing construction projects have been and continue to be inventoried as they become operational. 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.				

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	M. O'Keefe	Completion and Implementation of Plan	No action required at this time.	Continue development and implementation of COMP.
	2016 - In the summer of 2016, UNH hired Hardigan Basin Cleaners to clean 207 catch basins. UNH in-house staff also cleaned 50 basins in remote hard-to-reach areas with a portable tow-behind vacuum machine for a total of 257 basins and approximately 38 yards of debris was removed from these structures. - The UNH Grounds and Roads Department applied approximately 673 tons of salt and 74 tons of salt/sand mix to campus parking lots, roadways, sidewalks, etc. from October 2016 to April 2017. - UNH hired Immaculate Power Sweeping to conduct street sweeping of the campus a total of four times, April, May, August, and December. Areas targeted included: parking lots, streets, pedestrian boulevards, etc. for sand, trash, cigarette filters, and other non-point sources of pollution and approximately 51 yards of material were picked up during these sweepings. 2015 - In the summer of 2015, UNH hired Hardigan Basin Cleaners to clean 244 catch basins. UNH in-house staff also cleaned 15 basins in remote hard-to-reach areas with a portable tow-behind vacuum machine for a total of 259 basins and approximately 50 yards of debris was removed from these structures. - The UNH Grounds and Roads Department applied approximately 719 tons of salt and 110 tons of salt/sand mix to campus parking lots, roadways, sidewalks, etc. from October 2015 to April 2016. - UNH hired Immaculate Power Sweeping to conduct street sweeping of the campus a total of four times, April, May, August, and December. Areas targeted included: parking lots, streets, pedestrian boulevards, etc. for sand, trash, cigarette filters, and other non-point sources of pollution and approximately 93 yards of material were picked up during these sweepings. 2014 - In the summer of 2014, UNH hired Hardigan Basin Cleaners to clean 232 catch basins. UNH in-house staff also cleaned 50 basins in remote hard-to-reach areas with a portable tow-behind vacuum machine for a total of 282 basins and approximately 45 yards of debris was removed from these structures. - The UNH Grounds and Roads Department applied approximately 795 tons of salt and 173 tons of salt/sand mix to campus parking lots, roadways, sidewalks, etc. from October 2014 to April 2015. - UNH hired Immaculate Power Sweeping to conduct street sweeping of the campus a total of four times, April, May, August, and December. Areas targeted included: parking lots, streets, pedestrian boulevards, etc. for sand, trash, cigarette filters, and other non-point sources of pollution and approximately 76 yards of material were picked up during these sweepings. - The UNH Grounds & Roads Salt Reduction Plan for College and Reservoir Brooks dated 9/28/2013 was completed and a grant was obtained to purchase new salt spreading equipment. 2013 - In the summer of 2013, UNH hired Hardigan Basin Cleaners to clean catch basins and approximately 30 yards of debris was removed from these structures. UNH in-house staff also cleaned 39 basins in remote hard-to-reach areas with a portable tow-behind vacuum machine. - The UNH Grounds and Roads Department applied approximately 956 tons of salt and 46 tons of salt/sand mix to campus parking lots, roadways, sidewalks, etc. from November 2013 to March 2014. - UNH hired Immaculate Power Sweeping to conduct street sweeping of all parking lots, streets, pedestrian boulevards, etc. for sand, trash, cigarette filters, and other non-point sources of pollution and approximately 22 yards of material were picked up during 2 sweepings in Summer 2013. - The UNH Grounds & Roads Salt Reduction Plan for College and Reservoir Brooks dated 9/28/2013 was completed and a grant was obtained to purchase new salt spreading equipment. 2012 - In the summer of 2012, UNH hired Hardigan Basin Cleaners to clean catch basins and approximately 30 yards of debris was removed from these structures. - The UNH Grounds and Roads Department applied approximately 855 tons of salt and 29 tons of salt/sand mix to campus parking lots, roadways, sidewalks, etc. from November 2012 to March 2013. - UNH hired Immaculate Power Sweeping to conduct street sweeping of all parking lots, streets, pedestrian boulevards, etc. for sand, trash, cigarette filters, and other non-point sources of pollution and approximately 50 yards of material were picked up during 2 sweepings in Summer 2012. 2011 - In the summer of 2011, UNH hired New England Catch Basin Cleaners, LLC to clean 210 catch basins. Approximately 25 yards of debris was removed from these structures. - The UNH Grounds and Roads Department applied approximately 500 tons of salt and 32 tons of salt/sand mix to campus parking lots, roadways, sidewalks, etc. from November 2011 to March 2012. - 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 and approximately 16 yards of material were picked up in Summer 2011.				

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	M. O'Keefe	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.
	2016 • UNH has implemented a recycling program with Waste Management. For Calendar Year 2016, UNH recycled 323 tons of single-stream materials. 2015 • UNH has implemented a recycling program with Waste Management. For Calendar Year 2016, UNH recycled 433 tons of single-stream materials. 2014 • UNH has implemented a recycling program with Waste Management. For Calendar Year 2014, UNH recycled 414 tons of single-stream materials. 2013 • UNH has implemented a recycling program with Waste Management. For Calendar Year 2013, UNH 544 tons of single-stream materials. Those numbers reflect the completion of a transition to a single stream recycling program. 2012 • UNH has implemented a recycling program with Waste Management. For Calendar Year 2012, UNH recycled 34 tons of co-mingled beverage containers, 47 tons of mixed paper and 540 tons of single-stream materials. Those numbers reflect the transition to a single stream recycling program. 2011 • UNH has implemented a recycling program with Waste Management. For Calendar Year 2011, UNH recycled 79 tons of co-mingled beverage containers, 176 tons of mixed paper and 132 tons of single-stream materials. 2010 • UNH has implemented a recycling program with Waste Management. For Fiscal Year 2010, UNH recycled 108 tons of co-mingled beverage containers and 219 tons of mixed paper. 2009 • 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. 2008 • 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. 2007 • 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.				

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	M. O'Keefe	Completion and Implementation of Program	No action required at this time.	Continue to develop outline for training program and identify employees who require training.
	2016 - The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. 2015 - The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. 2014 - The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. 2013 - The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. 2012 - The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. 2011 - The UNH Storm Water Management Plan brochure is distributed to new employees during the UNH Human Resources – New Employee Orientation. 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.				

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	M. O’Keefe	Completion and Implementation of Program	See BMP-1: Storm Water Management Pamphlet.	Continue education efforts as outlined BMP-1.
	2016 - Updated the UNH Storm Water Management website to ensure all links are current and active. 2015 - Updated the UNH Storm Water Management website to ensure all links are current and active. 2014 - Updated the UNH Storm Water Management website to ensure all links are current and active. 2013 - Updated the UNH Storm Water Management website to ensure all links are current and active. 2012 - Updated the UNH Storm Water Management website to ensure all links are current and active. 2011 - Updated the UNH Storm Water Management website to ensure all links are current and active. 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. - 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.				

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	M. O’Keefe	Completion and Implementation of Program	See BMP-4 for current progress.	Continue participation efforts for surface water monitoring activities.
	2016 - UNH continues to participate in the monthly meetings with the New Hampshire Seacoast Storm Water Coalition. UNH participated in public forums and hearings related to the new draft MS4 permit for New Hampshire. 2015 - UNH continues to participate in the quarterly meetings with the New Hampshire Seacoast Storm Water Coalition. UNH participated in public forums and hearings related to the new draft MS4 permit for New Hampshire. 2014 - UNH continues to participate in the quarterly meetings with the New Hampshire Seacoast Storm Water Coalition. UNH participated in public forums and hearings related to the new draft MS4 permit for New Hampshire. 2013 - UNH continues to participate in the monthly meetings with the New Hampshire Seacoast Storm Water Coalition. UNH participated in public forums and hearings related to the new draft MS4 permit for New Hampshire. 2012 - 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. 2011 - 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. 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.				