

The University of North Carolina at Chapel Hill Department of Environment, Health & Safety 1120 Estes Drive Ext., CB# 1650 Chapel Hill, North Carolina 27599-1650

June 27, 2011

Karen Higgins
North Carolina Department of Environment and Natural Resources
Division of Water Quality
Wetlands, Buffers, Stormwater, Compliance and Permitting
1650 Mail Service Center
Raleigh, North Carolina 27699-1650

Reference:

Response to June 3, 2011 Request for More Information

DWO Project # 11-0260

The University of North Carolina at Chapel Hill

Orange County North Carolina

Dear Ms. Higgins,

The following responses are provided to address the comments contained in your June 3, 2011 Request for More Information pertaining to the Individual Permit (IP) Application for the Carolina North Project. Each North Carolina Department of Environment and Natural Resources, Division of Water Quality (DWQ) comment is provided in italics and The University of North Carolina at Chapel Hill's (UNC-CH or University) response follows:.

1. This project is subject to <u>Stormwater Management Plan (SMP) Requirements for Applicants Other Than the North Carolina Department of Transportation</u> (see http://portal.ncdenr.org/web/wq/swp/ws/401/certsandpermits/swmanagement). For each proposed BMP, please provide a completed BMP Supplement Form with all required items (see http://portal.ncdenr.org/web/wq/ws/su/bmp-manual).

The 50-year Carolina North development shown in the IP Application for Carolina North will occur in phases that correspond to projects funded for design and construction. For each project, SMP approval will be sought from DWQ or the Town of Chapel Hill, which is a certified local government.

Prior to construction of the first funded project at Carolina North, the University will provide completed BMP Supplement Forms for each BMP with all required items for SMP review by DWQ.

The University formally requests a 90-day extension from DWQ in order to provide the SMP for the first funded project at Carolina North.

2. Is this project being reviewed by the North Carolina State Clearinghouse under SEPA? If so, has a FONSI or FOSI been generated? Please provide this documentation or a timeline as to when it may be submitted if applicable.

The project is being reviewed by the North Carolina State Environmental Review Clearinghouse (Clearinghouse) under the State Environmental Policy Act (SEPA). An Environmental Assessment (EA) was submitted to the Clearinghouse for review on May 11, 2011. The Clearinghouse review period will be completed on July 2, 2011. Once a Finding of No Significant Impact (FONSI) or Finding of Significant Impact (FOSI) is generated, the documentation will be provided to DWQ.

The University formally requests a 90-day extension from DWQ in order to provide the FONSI or FOSI for Carolina North.

3. Per the requirements of the Jordan Lake Riparian Buffer Rule, all stormwater drainage from this site must be discharged through a correctly designed level spreader or treated by a stormwater BMP that removes a minimum of 30 percent of total nitrogen and total phosphorus prior to discharge through the riparian buffer. Level spreader design requirements are set forth in Chapter 8 of the North Carolina Stormwater BMP Manual, available at: http://portal.ncdenr.org/web/wq/ws/su/bmp-manual.

As shown in the Stormwater Concept Plan for Carolina North (see Appendix F of the I P Application for Carolina North), all drainage from Carolina North will be treated by stormwater BMPs that remove a minimum of 30 percent of total nitrogen and total phosphorus prior to discharge through the riparian buffer.

UNC-CH understands that no impacts to wetlands, waters or protected buffers are authorized at this time. If you have any questions regarding this submittal or need additional information, please contact me at (919) 962-9752 or Jill Coleman at (919) 843-3246.

Sincerely,

Sharon A. Myers, L.G.

Environmental Compliance Officer

Cc: Ms. Jill Coleman

Dr. Daniel Elliott

Ms. Mary Beth Koza

Mr. Kevin Nunnery

Mr. Bruce Runberg

Mr. Andy Williams

Ms. Anna Wu