



Coastal Management  
ENVIRONMENTAL QUALITY

PAT MCCRORY

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June 30, 2016

Mason Herndon  
Division 3 Environmental Program Supervisor  
N.C. Department of Transportation  
5501 Barbados Boulevard  
Castle Hayne, North Carolina 28429

RE: Refinement of CAMA Major Permit No. 22-07 (TIP No. B-682)  
Bridge No. 198 over the AIWW, Sunset Beach Bridge Replacement, Brunswick County.

Dear Mr. Herndon:

This letter is in response to the request from the N.C. Department of Transportation (NCDOT), dated March 16, 2016, including the attached workplan drawings (7): 1 dated 5/11/16, 3 dated 2/5/16, 1 dated 3/15/16, and 2 dated as received on 6/29/16. The request states that the existing stormwater infiltration basin located at the southwest quadrant of the bridge is not infiltrating as expected. NCDOT proposes to resolve the infiltration issue by installing an underdrain system with a bubbler box as well as the removal of fine sediments within the basin and replacement with clean sand. In the request NCDOT also indicates that in the immediate vicinity of the infiltration basin, there is a washout of the pavement structure. NCDOT proposes to fill in the washed areas, repave the patched areas with asphalt, and install up to 200 linear feet of 6" asphalt curb.

The March 16, 2016 request, including the attached workplan drawings, demonstrates that all authorized work shall occur outside of wetlands, and above the Spring High Tide Line (SHTL). The Department of Environmental Quality (DEQ) Division of Energy, Mineral and Land Resources (DEMLR) approved the proposed revisions to the Stormwater Permit SW8 060460 in a letter dated June 24, 2016. The DEQ Division of Water Resources (DWR) stated in an e-mail dated March 21, 2016 that written approval of the proposed revisions under the 401 Water Quality Certification program is not required.

The active permit includes a condition that in order to protect spawning adult and juvenile anadromous fisheries resources, no in-water work shall be conducted from April 1<sup>st</sup> through August 30<sup>th</sup> of any year without prior approval of DCM, in consultation with the N.C. Division of Marine Fisheries (DMF) and the N.C. Wildlife Resources Commission (WRC).

Please be advised that through this **Letter of Refinement** the N.C. Division of Coastal Management (DCM) conveys its determination that the proposed revisions are consistent with the existing State rules and regulations, and are keeping with the original purpose and intent of CAMA Major Permit No. 22-07.

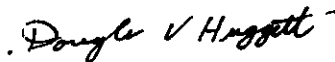


This Letter of Refinement supercedes the Letter of Refinement issued by DCM on August 18, 2014 for a different alternative drainage system design for the stormwater infiltration basin. That design was never implemented by NCDOT due to additional subsequent coordination that occurred with the State of North Carolina Stormwater Permitting staff.

This letter shall be attached to the original of CAMA Permit No. 22-07, which was issued on February 27, 2007, as well as the amended permit that was issued on March 5, 2007, and all subsequent modifications and letters of refinement, and copies of all documents shall be readily available on site when a DCM representative inspects the project for compliance. All conditions and stipulations of the active permit remain in force unless altered herein. This approval does not eliminate the need to obtain any additional permits, approvals, or authorizations that may be required.

Please contact Stephen Lane at (252) 808-2808 or via e-mail at [Stephen.Lane@ncdenr.gov](mailto:Stephen.Lane@ncdenr.gov) or Cathy Brittingham at (919) 707-9149 or via e-mail at [cathy.brittingham@ncdenr.gov](mailto:cathy.brittingham@ncdenr.gov) if you have any questions or concerns.

Sincerely,



Doug Huggett  
Major Permits Coordinator

cc: Brad Shaver, USACE  
Joanne Steenhuis, NCDWR  
Chris Rivenbark, NCDOT  
Linda Lewis, DEMLR