North Carolina Department of Environment and Natural Resources
Division of Waste Management

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

Solid Waste Section

June 18, 2015

Mr. Edward Mann
Public Works Director
Dare County
P.O. Box 1000
Manteo, NC 27954

RE: Technical review and approval of Design Hydrogeologic Report, Water Quality Monitoring Plan, and Landfill Gas Monitoring Plan
Dare County C&D Landfill – Phase V
Permit No. 2803-CDLF-1995
Document ID No. 24554

Dear Mr. Mann:

The NC SWS has completed a technical review of the Design Hydrogeologic Report (DHR), Water Quality Monitoring Plan (WQMP) and Landfill Gas Monitoring Plan (LFGMP) submitted as part of the Substantial Amendment and Permit to Construct Application for Phase V of the Dare County C&D Landfill. The Design Hydrogeologic Report and Monitoring Plans were submitted on March 13, 2015, and a technical review letter was sent electronically by the NC Solid Waste Section on May 20, 2015 requesting revisions. The revisions were received on May 21, 2015 and the final electronic copies of the DHR, WQMP, and LFGMP were submitted to the NC SWS on June 8, 2015.

The permitted groundwater monitoring well network at the Dare County C&D Landfill – Phase V consists of the existing groundwater monitoring network including background well (MW-1) and compliance wells MW-2, MW-3, MW-8, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, and MW-17. There are currently three surface water sampling locations at the site, SW-1, SW-2, and SW-3. No additional groundwater monitoring wells or surface water sampling locations are proposed at this time. The permitted landfill gas monitoring well network includes landfill gas monitoring wells M-1 through M-12 and no additional landfill gas monitoring wells are proposed at this time.

The Water Quality Monitoring Plan and Landfill Gas Monitoring Plan satisfy the requirements of 15A NCAC 13B .0544 *Monitoring Plans and Requirements for C&DLF Facilities*.
If you have any questions, please contact me at (919) 707-8254 or Christine.ritter@ncdenr.gov.

Sincerely,

Christine Ritter

Christine Ritter
Hydrogeologist
NC Solid Waste Section
Division of Waste Management

Cc: Ed Mussler, P.E., Permitting Branch Supervisor, NC SWS
Ming Chao, P.E., Environmental Engineer, NC SWS
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