



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

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

June 25, 2009

Mr. Bob Holden  
Solid Waste Director  
Chatham County Solid Waste Department  
P.O. Box 1550  
Pittsboro, North Carolina 27312

Re: Methane Monitoring Plan Approval  
Chatham County Landfill  
Chatham County, North Carolina  
Permit No. 19-01  
Doc ID No. 7854

Dear Mr. Holden:

The Solid Waste Section (Section) has completed a review of the *Methane Monitoring Plan* for the Chatham County Landfill submitted on June 19, 2009 on behalf of the Chatham County Landfill by Engineering & Environmental Science Company. The monitoring plan meets the criteria required in 15A NCAC 13B .1626(4). There are seventeen (17) proposed methane monitoring wells to be installed and labeled MP-1 through MP-17, consecutively. The Section recommends a Professional Geologist be on site during the installation of these methane monitoring wells. The design and construction of the methane monitoring wells shall be in accordance with the applicable North Carolina Well Construction Standards listed in 15A NCAC 2C. In addition, the facility shall follow the methane monitoring guidance documents found on the Section website - [http://wastenot.enr.state.nc.us/swhome/technical\\_assistance.asp](http://wastenot.enr.state.nc.us/swhome/technical_assistance.asp). Upon completion of the methane monitoring well installations, the facility shall submit boring logs and well construction records to the Section.

If you have any questions, please do not hesitate to contact me via email  
[Elizabeth.werner@ncdenr.gov](mailto:Elizabeth.werner@ncdenr.gov) or phone (919) 508-8496.

Sincerely,

Elizabeth S. Werner  
Hydrogeologist  
Solid Waste Section

cc: T. Patrick Shillington, P.E., E2S Company  
Brad Bailey, SWS  
Jason Watkins, SWS  
Geof Little, SWS  
Ed Mussler, SWS  
Central File