



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

November 13, 2009

Brad Green, General Manager  
BFI Waste Systems of North America Inc.  
5105 Morehead Road  
Concord, NC 28027

Re: Charlotte Motor Speedway Landfill V  
Cell 2H, Permit to Operate  
BFI Waste Systems of North America, Inc  
Permit No. 13-04  
Cabarrus County, DIN 8889

Dear Mr. Green:

The Solid Waste Section is reviewing your Final Certification Report, Cell 2H Construction submitted by ACC of North Carolina for Charlotte Motor Speedway Landfill V, dated August 31 and October 22, 2009 (Doc. ID No. 8887). Please address the following comments.

1. Determine if the leachate liner system will meet the requirements set forth in Solid Waste Management Rules 15 NCAC 13B .1624.b.2 that the protective cover used in Cell 2H will provide the necessary transmissivity to maintain less than one (1) foot of head on top of the landfill bottom liner system's HDPE geomembrane.
2. The leachate collection piping and accessories need to be located by an as-built survey.
3. I could not find the "Constant or Falling Head Permeability", "Sieve Analysis" or the "Carbonate Content" test for the course aggregate used in the leachate collection system. Also, I could not find any information on the leachate piping or pump used in this cell.
4. Page 1-2 Section 1.3 CQA Project Personnel references Cell 2G not 2H.

If you have any questions or comments, please contact me at (704) 235-2163, or by email at [john.murray@ncmail.net](mailto:john.murray@ncmail.net).

Sincerely,

John Murray, P.E.  
Regional Engineer  
Solid Waste Section

cc. Ed Mussler, P. E. Permitting Branch Head, DWM  
Deb Aja, Central District Supervisor, DWM  
Teresa Bradford, Waste Management Specialist, DWM  
Mike Gurley, Republic Services Inc,

