



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

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

November 15, 2010

Mr. Robert Allen  
Cherokee County Solid Waste Director  
75 Peachtree Street  
Murphy, NC 28906

Re: Groundwater Contamination Assessment  
Cherokee County Subtitle D Lined MSW Landfill, Permit #20-02

Dear Mr. Allen:

The Solid Waste Section (Section) has reviewed the *Groundwater Contamination Summary* report prepared by Municipal Engineering Services, Compay, P.A, (MESCO).

Cherokee County was required to conduct a groundwater assessment due to volatile organic compound (VOC) exceedances in monitor wells, MW-6S, MW-6D, and MW-7. Four additional monitor wells (P-18D, P-20S, P-20D, and P-21) were installed downgradient of MW-6S, MW-6D, and MW-7 along the compliance boundary to fully characterize the vertical and horizontal extent of contamination. The assessment indicated that no VOCs were detected above the 15A NCAC 02L .0202 groundwater standards (2L Standards) in the newly constructed monitor wells. The newly constructed monitor wells should continue to be monitored on a semi-annual basis and analyzed for Appendix I constituents. The facility should conduct additional assessment monitoring and implement corrective action in accordance with 15A NCAC 13B .1634, .1635, and .1636 if 2L Standards are exceeded at the compliance boundary in the newly constructed monitor wells during future monitoring events.

Please contact me at (919) 508-8516 or by e-mail at [ervin.lane@ncdenr.gov](mailto:ervin.lane@ncdenr.gov) if you have any questions or concerns regarding this letter. Thank you in advance for your anticipated cooperation in this manner.

Sincerely,

Ervin Lane  
Hydrogeologist  
Environmental Compliance  
Solid Waste Section

cc: Mark Brown, P.G., Municipal Engineering Services Company, P.A.  
Mark Poindexter, Field Operations Branch Head  
Deb Aja, Western District Supervisor  
Troy Harrison, Environmental Senior Specialist  
Solid Waste Central Files