



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor
William G. Ross Jr., Secretary

June 7, 2007

Mr. Ethan J. Caldwell, P.G.
Municipal Engineering Services Company, P.A.
PO Box 97
Garner, NC 27529

RE: Application for Permit to Construct, Expansion,
Iredell County Subtitle D Landfill, Phase 4
Iredell County
Additional Information Request
Permit No. 49-03

The above referenced Design Hydrogeologic Study and associated application for Permit to Construct for the expansion (Phase 4, - 12 acres) of Iredell County Subtitle D MSW landfill, submitted by MESCO, P.A., on behalf of Iredell County, is being reviewed by the Solid Waste Section (SWS) for hydrogeologic concerns. The original Design Hydrogeologic Study application was submitted on October 27, 2006 and subsequent documentation submitted on March 15, 2007, April 12, 2007, May 8, 2007, and May 10, 2007, respectively. The Permit to Construct application for Phase 4 was submitted on February 16, 2007. There are several items mentioned in the Ground and Surface Water Sampling and Analysis Plan (Appendix E of the Design Hydrogeologic Study) that require revision before the hydrogeologic review can be completed. Please respond to the following questions and comments:

*Design Hydrogeologic Study –
Appendix E – Ground and Surface Water Sampling and Analysis Plan – 10/27/06;
3/27/07, Section 1.3 - Equipment*

Section 1.3, page 2 states in-part: "Groundwater samples will be obtained in the field using a laboratory-cleaned, stainless steel bailer sanitized in accordance with the following procedure".

Modify this sentence by allowing a provision in the plan that also allows the use of Teflon bailer(s).

Section 1.3, page 2 also states in part: *"In case of emergency, supplies to clean bailers as described above may also be brought to the site."*

Delete this sentence, since field cleaning of bailers and sampling equipment is not allowed.

=====

Please note the comments and questions raised above and provide additional information and revisions as needed. If you have any questions, or wish to schedule a meeting to discuss the items referenced in this letter, please call me at 919-508-8524.

Sincerely,



Brian Wootton
Hydrogeologist
Solid Waste Section

cc: Ed Mussler
Jim Coffey
Larry Frost
Central File

Solid Waste Section
Solid Waste Section
Solid Waste Section