

January 17, 2006

MEMORANDUM

To: John Murray

From: Brian Wootton

Subject: Application for Permit to Construct
Iredell County – C&D Landfill
Proposed Phase 2 Extension – 100 feet X 800 feet
Final Comments
Permit No. 49-03

I have reviewed the written request by Municipal Engineering Services, P.A. (December 16, 2005) on behalf of Iredell County to construct an additional 80,000 square feet to Phase 2. The hydrogeologic study was completed for Phase 2 and 3 on January 28, 2004. Vertical separation requirements between the seasonal high water table, rock, and bottom of waste are ample based on groundwater level data and statistical data from 2001 to 2005. **The Study and supporting information meets the criteria required in the Rules [(i.e. 15A NCAC 13B .0505(7)(a), and Solid Waste Section policy]; therefore, I have no objection to issuance of this portion to Permit to Construct based on this rule.**

Construction Conditions: (Include these conditions in the Permit to Construct)

The owner's geologist shall examine the cell excavation and note any pertinent geologic features exposed during the construction process and shall notify the Solid Waste Section Hydrogeologist of these findings prior to placement of any liner materials.

Surface water and ground-water monitoring requirements shall remain the same.

Please contact me with any questions or comments. I can be reached at (919) 508-8524 or by e-mail.

Sincerely,



Brian Wootton