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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

December 6, 2005

MEMORANDUM

To: John Murray, Environmental Engineer

From: Bobby Lutfy, Hydrogeologist

BL

RE: Site Suitability Update, CMS Landfill V, Phases 2-5, and
Design Hydrogeologic Study, CMS Landfill V, Phase 2 (Cells F-H)
BFI - CMS Municipal Solid Waste Landfill V
Cabarrus County, Permit No. 13-04

RECEIVED

DEC 08 2005

NC DEPT. OF ENVIRONMENT
AND NATURAL RESOURCES
MOORESVILLE REGIONAL OFFICE

The hydrogeologic review is now complete for the above referenced Site Suitability Expansion, including the "Furr Tract", and the Design Hydrogeologic Study for Phase 2, which includes Cells F-H. The Application was originally submitted in December of 2003, but has undergone several revisions. A Revised Application was resubmitted in November of 2005. With a few additional revisions submitted through this past week, the Revised Application now meets the hydrogeologic requirements of the Solid Waste Management Rules.

It should be noted that the base grades were revised this past month to raise the grades in the vicinity of Piezometer P-40, in order to meet the four foot minimum vertical separation requirement from the seasonal high ground water table. P-40 is now located slightly upgradient of the 604 base grade line.

All open boreholes within the facility and all piezometers within the construction limits of Phase 2 need to be properly abandoned according to the "Procedures for permanent abandonment of wells", 15A NCAC 2C .0113 (a)(2). Copies of the Well Abandonment Forms should be submitted to the Solid Waste Section.

I am providing you with three copies of the Revised Application for the above referenced submittal. This includes three large three-ring binders and three sets of plan sheets. All revisions have been incorporated into all three copies of these documents.

cc: Ed Mussler