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SOLID WASTE SECTION
ASHEVILLE REGIONAL OFFICE

April 7, 2010

Mr. Allen Gaither
North Carolina Department of Environmental and Natural Resources
Division of Waste Management
Solid Waste Section
2090 US Highway 70
Swannanoa, North Carolina 28778

Subject: Buncombe County Solid Waste Management Facility
Buncombe County, North Carolina
C&D Landfill
Phase 4 – Vertical Expansion

Dear Mr. Gaither:

During preparation of the Erosion and Sedimentation Control (ESC) Permit Application for land disturbance from the proposed Buncombe County Solid Waste Management Facility Phase 5 C&D landfill expansion, Camp Dresser & McKee (CDM) contacted North Carolina Department of Environment and Natural Resources, Land Quality Section, Erosion and Sedimentation Program (NCDENR LQS) to discuss the two (2) proposed sediment basins and modifications to two (2) existing sediment basins required for the expansion. As you are aware, LQS (Dam Safety Program) has requested that, prior to disturbance, Buncombe County (County) submit dam evaluation forms for all four (4) sediment basins, which will be used to determine if the sediment basins will be classified as regulated dams. CDM is currently preparing these forms and performing subsequent analyses and modeling for the County; however, the schedule for LQS response and approval could take a minimum of 6 months.

As you are also aware, the C&D landfill is reaching capacity and until the County receives directive from LQS on whether the basins are regulated dams, future disturbance requiring new and/or modified sediment basins, including the Phase 5 C&D landfill expansion cannot begin. Based on the above, CDM, on behalf of the County, requests that the NCDENR Division of Waste Management, Solid Waste Section (SWS) approve a vertical expansion within the Phase 4 limits of waste to elevation 2130 as shown on Sheet LO-1A. Expansion to 2130, assuming a maximum 3:1 (Horizontal:Vertical) slope will provide the County an additional 144,300 cubic yards (cy) of capacity.

CDM

The vertical expansion will not:

- increase the horizontal limits of waste;
- increase the overall height of the C&D landfill beyond the Phase 5 vertical extents; or
- increase the stormwater runoff to the existing basins.

The County will follow the Operations Plan provided within the Phase 5 Permit to Construct, when operating within and maintaining the vertical expansion area. It is anticipated that the information provided herein, along with the information provided within the Phase 5 Permit to Construct is sufficient for your review and consideration of this important issue. Should you have any questions, or need any additional information, please contact me at your earliest convenience.

Very truly yours,

W. Michael Brinchek, P.E.
Camp Dresser & McKee

Enclosures

xc: Ed Mussler, NCDENR SWS
J. Creighton/J. Mears/K. Smith, BCGSD
J. Wiseman/C. Gabel/M. Brinchek, CDM

REV. NO.	DATE	DRWN	CHKD	REMARKS

DESIGNED BY: M. BRINCHEK
DRAWN BY: J. KILLINGSWORTH
SHEET CHK'D BY: K. YANG
CROSS CHK'D BY: C. GABEL
APPROVED BY: K. YANG
DATE: APRIL 2009

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BUNCOMBE COUNTY
NORTH CAROLINA

BUNCOMBE COUNTY C&D LANDFILL
FACILITY PLAN

LANDFILL OPERATION
TRANSITION CONTOURS - PHASE 4 VERTICAL EXPANSION GRADES

PROJECT NO. 6447-65973
FILE NAME: LO-1A.DWG
SHEET NO.
LO-1A

NOT FOR CONSTRUCTION