



North Carolina Department of Environment and Natural Resources

Division of Waste Management

Dexter R. Matthews

Director

Beverly Eaves Perdue
Governor

Dee Freeman
Secretary

September 15, 2009

Mr. Stephen King
Haywood County Solid Waste Director
278 Recycle Road
Clyde, North Carolina 28721

Re: Authorization Approval for Blasting Plan, Phases 3 & 4 – Rock Delineation and Blasting Plan,
White Oak MSW Landfill, Haywood County, North Carolina, Permit No. 44-07, ID No. 8588

Dear Mr. King:

Mr. Jeffrey Bishop, P.E. on behalf of White Oak Landfill, submitted an initial Rock Delineation / Blasting Plan on August 27, 2009, pertaining to the subgrade and construction of Phase 3 and Phase 4. Supplemental documentation was submitted on September 1 & 2, 2009 and a Revised General Blasting Plan (Doc ID 8558) was submitted on September 3, 2009 by Mr. Bill Sperry, P.E. of McGill Associates.

The initial Rock Delineation / Blasting plan addressed removal of unrippable rock identified during construction. The rock is located in the northwest corner of proposed Phase 3, northeast corner of proposed Phase 4, and proposed sediment basin north of Phase 3. This area is about two (2) acres. Intent of removing the rock is to achieve the four (4) feet separation below the designed base liner system. Blasting operations shall comply with all applicable local, state, and federal ordinances, regulations, and laws.

The Revised General Blasting Plan will be included with the list of the approved documents in the permit to operate. Please include the report documenting the approved activity in the final CQA report as well as submitting the blasting report within 30 days of the activity. Please note that further modifications to the construction of these phases may require a permit modification fee. Also, future landfill expansion areas (Phases) to be constructed may require further lithologic investigative characterization (i.e. top of rock / rock borings) at the time of design study phase.

If you have any questions please contact me at (919) 508-8401 or at zinith.barbee@ncdenr.gov.

Sincerely,

Zinith Barbee
Hydrogeologist
Solid Waste Section

cc: Jeffrey R. Bishop, P.E. McGill Associates, P.A. Bill Sperry, P.E. McGill Associates, P.A.
Allen Gaither Solid Waste Section Andrea Keller Solid Waste Section