



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

July 3, 2007

Mr. G, Van Ness Burbach, P.G.
Joyce Engineering, Inc.
2301 West Meadowview Road,
Greensboro, NC 27407

RE: Volume 1, Section 1 – Site Suitability Report
Volume 1, Section 2 – Hydrogeologic Report for Coble's Sandrock, Inc.,
Construction and Debris Landfill – Phase 3A (6.3 acres), 3B (5.8 acres) Design
Study & and additional acreage for Site Suitability (114.4 acres)
Alamance County
Second Additional information request
Permit No. 01-05

Dear Mr. Burbach

The above referenced Hydrogeologic Report (Volume 1, Section 2) and Site Suitability Report (Volume I, Section 1) for the proposed additional 114.4 acres (including proposed phases 3A, 3B) Construction and Debris Landfill, submitted by Joyce Engineering, Inc., on behalf of Coble's Sandrock, Inc. is being reviewed by the Solid Waste Section (SWS). I requested additional information on June 15, 2006, pertaining mostly to the original Hydrogeologic Report (dated March 2006). I received a revised (June 2007) Hydrogeologic Report (Volume 1, Section 2) on June 6, 2007 and a revised Site Suitability Report on June 4, 2007. There are several items in the Hydrogeologic Report and Site Suitability Report that require clarification and/or revision before the hydrogeologic review can be completed. The review of the Construction Plan Application (Volume II) will proceed once items in the Hydrogeologic Report and Site Suitability Report are addressed. Please respond to the following questions and comments:

*Volume 1, Section 1 – Site Suitability Report
Drawing No. 03 – Proposed Facility Boundary & Waste Footprint*

This map depicts a private dwelling with a water supply well adjacent to the eastern property boundary. There is a 500 feet buffer radius drawn from the residence. A portion of this 500 feet buffer meets the proposed waste boundary, which is near the facility scale house. The water supply well associated with this private residence actually measures 465 feet from the southeastern portion of the proposed waste boundary. Please clarify the distance between this water supply well and the southeastern proposed waste boundary, and if necessary, modify the waste boundary to meet the 500 feet buffer requirement between water supply well(s) and waste boundary.

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Phone 919-508-8400 \ FAX 919-733-4810 \ Internet <http://wastenotnc.org>

An Equal Opportunity / Affirmative Action Employer – Printed on Dual Purpose Recycled Paper

This map also depicts several structures and a decommissioned well within the proposed 200 feet buffer at the southwest portion of the property. What is the present status of these structures (abandoned, demolished, active) and the current use of the structures if active (i.e. part of the facility, residence, etc.)? Please modify waste boundary if necessary.

Also, modify this drawing to show locations of borings/piezometers/monitor wells that have been installed recently to coincide with the drawings included in the Hydrogeologic Report (Volume 1, Section 2).

*Volume 1, Section 1 – Site Suitability Report
Map 4 – Survey Plat of Property Boundaries and Facility Boundary*

The North arrow on this map is reversed compared to other maps and drawings in the Report. Please modify.

*Volume 1, Section 1 – Site Suitability Report
Drawing No. 03 – Proposed Facility Boundary & Waste Footprint
Volume 1, Section 2 – Hydrogeologic Report
Drawings DH-2 through DH-6*

Drawings DH-2, through DH-6 in the Hydrogeologic Report depict a larger facility boundary and more total acreage (182.2 acres) when compared to the facility boundary shown on Drawing No. 3 (154.0 total acres) in the Site Suitability Report. Modify the drawings in the Hydrogeologic Report to have the same facility boundary and acreage as depicted on Drawing No. 3

*Volume 1, Section 2 – Hydrogeologic Report
Section 4.0 Groundwater Monitoring Plan*

Section 4.1 of Page 18 states in-part: *“The plan complies with Section .0600 of the North Carolina Solid Waste Management Rules, which specifies the requirements for groundwater and surface water monitoring at C and D landfills”.*

Please revise portions of the Groundwater Monitoring Plan to reflect and adhere to the new C&D rules (.0544).

Mr. G. Van Ness Burbach, P.G.
Coble's Sandrock C&D landfill expansion, Site Suitability, Hydro Report
Additional Information Request - 2
Page 3 of 3

Please note the comments and questions stated above and provide additional information and revisions as needed. If you and your staff 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
Evan Andrews, P.E.
Central File

Solid Waste Section
Joyce Engineering, Inc.