



North Carolina Department of Environment and Natural Resources  
Division of Waste Management

Beverly Eaves Perdue  
Governor

Dexter R. Matthews  
Director

Dee Freeman  
Secretary

February 6, 2012

Mr. Glen Currin  
Currin Brothers, Inc.  
PO Box 547  
Fuquay-Varina, NC 27526

Re: Additional Information Request –  
Application for 5-Year Amendment  
Currin Brothers LCID Landfill  
Wake County, North Carolina  
Permit No. 92-N-LCID  
Doc ID No. 16049

Dear Mr. Currin:

The revised Operation Manual Mr. John A.K. Tucker, P.E. submitted December 28, 2012 on your behalf was received by the Solid Waste Section (SWS) on January 2, 2012. Per the site visit with you, Mr. Tucker, and staff of the SWS on January 17, 2012, and further discussion among SWS staff after the site visit meeting, the SWS requests the Operation Manual be revised to include the following stated below.

1. Revise the Cover Page of the Operational Manual to state: “NC DENR Permit # 92N-LCID” instead of “92D-LCID”. Also, add a revised date when this Operation Plan is completed.
2. Page 6, under Waste Grinding and Crushing category, second paragraph, third sentence: change the word “*pakd*” to read; “pad”.
3. Page 9, 10, under Landfill Gas Control, the paragraph states: “*Due to the nature of the waste disposed in this landfill, landfill gas control is not anticipated to be of concern. No methane monitoring is prescribed for this facility*”. After much discussion among Solid Waste staff, the Section concludes that landfill gas monitoring is warranted since there are a few residences in close proximity to the northwest portion of the landfill (“Phase 2- North”). Revise the language in this section to state the following: “Due to the close proximity of residences near the north side of the landfill and potential gas migration, the installation of two (2) landfill gas monitoring wells and quarterly sampling of the monitoring wells is required”.

Also, include either in this section or add an appendix to the Operation Manual, a landfill gas monitoring plan that includes: proposed gas monitoring well construction details (including a construction well profile drawing), quarterly gas sampling and reporting protocol QA/QC, site drawing depicting location

of the proposed gas wells. The solid Waste Section requires installation and sampling of wells to commence within sixty (60) days of permit issuance. Completed gas monitoring well construction records for each well (GW-1 forms) and a scaled map of the correct location of the gas monitoring wells shall be submitted to the SWS within thirty (30) days of well completion.

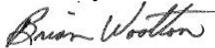
The Landfill Gas Monitoring Plan shall also include a copy of the Solid Waste Section's "**Landfill Gas Monitoring Guidance Document**" (revised November 2010). The landfill gas monitoring plan for this facility can be written according to the landfill gas monitoring guidance document. These guidelines are located at the Solid Section's web site: <http://portal.ncdenr.org/web/wm/sw/envmonitoring> Once a Landfill Gas Monitoring Plan for this facility is finalized it is to be signed and sealed by a professional engineer or licensed geologist.

4. Page 11, under Section 4.2.3- Major Fires, the last sentence states: "*All fires should be reported to the Solid Waste Inspector or Area Specialist*". Revise this sentence to include "Notification of the Section of any fire at the facility must occur within 24 hours, either talking to someone directly and/or leaving a voice mail if on the weekend is acceptable".
5. Verify the airspace volumes at the facility that Mr. Tucker submitted on December 15, 2010 to Mr. Zinith Barbee of the SWS. Also, include estimates (in tonnage and cubic yards) of the amount of wood treatment and processing (T&P) and any concrete grinding that has occurred at the facility since first permitted.

Please submit the revised Operation plan by March 6, 2012. Also provide a hard copy of the document with full size drawing(s) and a pdf version on disc.

Thank you for your attention to and cooperation in this matter. If you have questions about this letter please contact either me at 919-707-8258. Also, my e-mail address is [Brian.Wootton@ncdenr.gov](mailto:Brian.Wootton@ncdenr.gov)

Sincerely,



Brian Wootton  
Hydrogeologist

cc: John A.K. Tucker, P.E.  
Ed Mussler, DWM  
Shawn McKee, DWM  
Jason Watkins, DWM  
Dennis Shackelford, DWM