



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management
October 10, 2007

Michael F. Easley, Governor
William G. Ross Jr., Secretary

Mr. Kent Nilsson, P.E.
RMT North Carolina, Inc.
30 Patewood Drive, Suite 100
Greenville, SC 29615-3535

RE: Landfill Expansion/ Permit Modification
Louisiana-Pacific Corporation
Roaring River, NC
Industrial Landfill expansion
Wilkes County, NC
Additional Information Request
Permit No. 97-03

Dear Mr. Nilsson,

The above referenced Landfill Expansion /Permit Modification (from an existing 5 acre footprint to a landfill that covers approximately 7 acres) is being reviewed by the Solid Waste Section (SWS) for hydrogeologic concerns. There are several items in the application that require clarification and/or revision before the hydrogeologic review can be completed. Please respond to the following questions and comments.

RMT Report

Section 1.3 Site Location

Section 1.4 Expanded Landfill Footprint

Sheet 1 of 5 Overall Site Plan

Sheet 2 of 5 Grading Plan

Sheet 5 of 5 Phase Progression Plan

Section 1.3 states in-part: *"The proposed landfill expansion is to be constructed entirely on property owned by LP"*.

Has the proposed two (2) acre expansion area been previously approved for Site Suitability by the Solid Waste Section (SWS) according to .0503(1)?

Page 2, Section 1.4 (Expanded Landfill Footprint) states in-part: *"The expanded footprint will still be within the area covered by the existing groundwater monitoring system"*.

Please provide modified updated maps that depict clearly the five (5) acre existing landfill and the expansion of the two (2) additional acres. The maps also need to show location of all ground-water monitoring wells, springs, buffers, location of present and historical boring, piezometers, (from previous hydrogeological studies). **Reference: .0504(2)(a)(b).**

Also, the maps (Sheets) submitted in the application do not show the location of the property boundaries. Modify the maps by depicting the property boundaries. If the property boundaries are located beyond the edges of the drawings, then state how far the boundaries are located from the proposed foot print.

Additional Requirements:

Provide a copy of the most recent permit (reissued 2002) and a copy of the current water quality monitoring plan.

Provide recent and historical groundwater monitoring data – in graph (trend) format tables. Please highlight any exceedances of groundwater 2L standards. Also include surface water sampling if previously required.

Provide information pertaining to seasonal high groundwater in the existing footprint area and the expansion area according to **.0503(2)(d)(i)**. This information must be confirmed by several years of historical on-site groundwater levels (via piezometers and wells in order to obtain an accurate seasonal high groundwater elevation and base grades. Also modify Sheet 3 of 5 (Cross Sections) by depicting the seasonal high groundwater elevation and proposed base grades on the cross sections.

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Kent Nillsson, P.E.
Louisiana-Pacific Corp.
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Please note the comments and questions mentioned above and provide additional information and revisions as needed. If you 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 Solid Waste Section
Larry Frost Solid Waste Section
Ellen Lorscheider Solid Waste Section
Central Files