



North Carolina Department of Environment and Natural Resources

Dexter Matthews, Director

Division of Waste Management

Beverly Eaves Perdue, Governor
Dee Freeman, Secretary

June 22, 2009

Mr. Judson Whitehurst
C&D Landfill, Inc.
802 Recycling Lane
Greenville, NC 27834

Re: *Groundwater Assessment Work Plan - Revised*
C&D Landfill, Inc., Pitt County, Permit #74-07

Dear Mr. Whitehurst:

The Solid Waste Section has completed a review of the *Groundwater Assessment Work Plan - Revised* submitted on June 22, 2009 on behalf of C&D Landfill, Inc. by David Garrett & Associates for the C&D Landfill, Inc. located in Pitt County. Volatile organic compounds (VOCs) exceeding the North Carolina 2L Groundwater Standards are being detected at the landfill, and as a result, pursuant to 15A NCAC 13B .0545, assessment monitoring is required.

The *Groundwater Assessment Work Plan - Revised* consists of (1) the installation of one Phase 1 downgradient groundwater monitoring well (MW-3A) pursuant to 15A NCAC 13B .0545(a)(1); (2) the installation of three groundwater monitoring wells in the Phase 2 groundwater monitoring network (MW-10, MW-11, and MW-12); (3) obtaining ground surface and TOC elevations from all new groundwater monitoring wells for determining groundwater elevations and groundwater flow direction; (4) sampling MW-10, MW-11, MW-12, MW-3s, MW-8, and MW-3A for the first time for the full Appendix II of 40 CFR Part 258 list by mid-July 2009; (5) conducting slug tests to determine hydraulic conductivity pursuant to 15A NCAC 13B .0545(b)(1)(B); and (6) submitting a summary report of the initial findings to the Solid Waste Section by mid-August 2009.

Also, in accordance with 15A NCAC 13B .0545(b), the nature and extent of the groundwater contamination shall be determined and for any constituent detected in the downgradient wells as the result of analyzing of additional parameters, a minimum of four independent samples from each well (background and downgradient) must be collected and analyzed to establish background for the new constituents. Based upon the Appendix II sampling results, additional assessment and/or corrective action may be required. As a result, the *Groundwater Assessment Work Plan - Revised* is approved as described. If you have any questions or concerns regarding this letter, please contact me at 919-508-8500.

Sincerely,

Jaclynne Drummond
Hydrogeologist
Environmental Compliance
Solid Waste Section

cc: David Garrett, David Garrett & Associates
Wayne Bell, C&D Landfill, Inc.
Donna Wilson, Permitting Engineer
Elizabeth Werner, Permitting Hydrogeologist
Mark Poindexter, Field Operations Supervisor
Dennis Shackelford, Eastern District Supervisor
Ben Barnes, Environmental Senior Specialist
Solid Waste Section Central Files