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Waste Industry Experts

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August 22, 2007

Mr. Ethan Brown
Division of Waste Management/Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646

**RE: Notification of NC-2L Groundwater Standard Exceedances
Granville County – Closed Butner Landfill
Permit No. 39-02
JEI Project No. 660.06, Task 03**



Dear Mr. Brown:

On behalf of Granville County, Joyce Engineering, Inc. is submitting this notification of exceedances of 15A-NCAC-2L (NC-2L) groundwater standards at the Granville County – Butner Landfill (Permit No. 39-02) in accordance with Title 15A, Chapter 13, Subchapter 13B, Section .1634 (g) of the North Carolina Solid Waste Management Regulations. The first semiannual sampling event of 2007 at the Butner Landfill took place on July 11-12, 2007. Samples were sent to Environmental Conservation Laboratories (ENCO) of Cary, North Carolina. The initial results indicate exceedances of NC-2L standards for 1,4-dichlorobenzene in monitoring wells MW-2R and MW-3R, and for benzene in MW-2R.

Other organic compounds detected in one or more monitoring wells during the July 2007 event include chlorobenzene, 1,2-dichlorobenzene, 1,1-dichloroethane, and xylenes; however, none of these were above their respective NC-2L standards. Inorganic constituents detected during the July 2007 event include barium, cobalt, copper, nickel, silver, tin, vanadium, and zinc. None of these inorganic constituents were detected at concentrations above NC 2L Standards.

These results are consistent with previous results for this facility; however, a complete data quality review has not been completed, so these results are considered preliminary. A summary table is attached. A complete groundwater monitoring and statistical analysis report will follow. If you have any questions or need additional information, please feel free to contact me or Michelle Brown at (336) 323-0092.

Sincerely,
JOYCE ENGINEERING, INC.


Van Burbach, PG
Senior Project Consultant

Attachment

Copy: Brian Alligood, Granville County
Jason Falls, Granville County
JEI File

