



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

Beverly Eaves Perdue
Governor

Dexter R. Matthews
Director

Dee Freeman
Secretary

Solid Waste Section

July 10, 2012

Heather Wilburn
Joyce Engineering, Inc.
2211 W. Meadowview Road, Suite 101
Greensboro, NC 27407

RE: Dan Johnson Landfill (#97-02), Germantown Landfill (#97-01)
Gas Monitoring Plans
Wilkes County, NC
Request for Additional Information
Document ID No. 16882

Dear Ms. Wilburn:

The North Carolina Solid Waste Section (SWS) is presently conducting a technical review of two (2) landfill gas monitoring plans you submitted on June 29, 2012, on behalf with the closed landfills mentioned above.

Revise the Germantown Landfill Gas Monitoring Plan, Page 2, table for "Proposed Monitoring Well Summary" by adding GW-4 and well construction criteria to the list.

Revise both landfill gas monitoring plans by adding the following conditions:

1. Within ninety (90) days of approval of the landfill gas monitoring plan by the Solid Waste Section (SWS), the new gas monitoring wells shall be installed at the proposed locations as depicted on the site drawings.
2. A Professional Engineer (P.E.) or a N.C. Professional Geologist (L.G.) must certify/ supervise the installation of all landfill gas monitoring wells.
3. Each constructed landfill gas monitoring well must be surveyed for location and elevation by a North Caroling Registered Land Surveyor.
4. Within thirty (30) days of completion of the landfill monitoring gas wells, a well construction record and/or boring log and a diagram for each well, including but not limited to total depth, screened interval and distance above seasonal table must be

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submitted to the SWS. The submittal must also include a scaled topographic map showing the surveyed location and identification of new, existing and abandoned landfill gas monitoring wells.

Both revised landfill gas monitoring plans must be signed, sealed, and dated by a N. C. Professional Engineer (P.E.) or a N.C. Professional Geologist (L.G.) and submitted the SWS section for approval within thirty (30) days of the date of this letter. Once approved by the SWS, construction of gas monitoring wells/reporting criteria and subsequent sampling of gas monitoring wells may commence according to the gas monitoring plans.

If you have any questions or wish to schedule a meeting to discuss the items referenced in this letter, please call me at 919-707-8258.

Sincerely,



Brian Wootton
Hydrogeologist
Solid Waste Section

cc: Kent Brandon
Ed Mussler
C.T. Gerstell
Ervin Lane

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