

## Barbee, Zinith

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**From:** Bill Sperry [bill.sperry@mcgillengineers.com]  
**Sent:** Wednesday, January 05, 2011 8:44 AM  
**To:** Barbee, Zinith  
**Cc:** 'James C Smith'  
**Subject:** Clay County Landfill Gas Monitoring Plan

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Zinith Barbee	1/5/11	12637

Zinith,

I appreciate you taking the time to talk with me on Tuesday (12/21/10) relative to the Landfill Gas Monitoring Plan for the Clay County Closed MSW Landfill, Permit #22-01. As we discussed, this landfill has been officially closed for a little over fifteen (15) years and there have been no apparent problems with landfill gas migration issues. The existing closed cells, based on the best available data, encompass only approximately 6.62 acres total acres. The cells are unlined and were closed with a soil cap meeting the applicable permit requirements at the time of closure.

Per our discussion, we are amenable to removing the groundwater monitoring wells from the landfill gas monitoring network and will add an additional landfill gas monitoring point between groundwater monitoring points MW#5 and MW#6 to cover the western boundary of the property. However, we are still of the opinion that the proposed six-foot (6') deep landfill gas monitoring wells/probes, as detailed in the Landfill Gas Monitoring Plan, will be adequate for monitoring this particular facility. The cost of installing "wells" in accordance with the applicable standards specified in Regulation 15A NCAC 2C is not necessary for this facility and is beyond the present capability of the County. The requested well depth for landfill gas monitoring wells is a Solid Waste Section recommendation or desire and not an actual regulatory requirement.

We will review the other various revisions to the wording for applicability and will adjust as necessary.

Once these revisions have been completed, we will submit a revised Landfill Gas Monitoring Plan to the Solid Waste Section for review and approval.

Should you have any questions or if I can be of further assistance, please give me a call.

Thanks, Bill Sperry



### **Bill Sperry, PE**

McGill Associates  
55 Broad Street  
Asheville, North Carolina 28801  
Phone: 828-252-0575  
Fax: 828-252-2518



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