From: Drummond, Jaclynne
To: "bill.sperry@mcgillengineers.com";
cc: "Jim Huff"; Keller, Andrea;
Subject: RE: Madison County Closed MSW Landfill - 58-02
Date: Tuesday, May 24, 2011 1:39:00 PM

Per our phone conversation today, the Solid Waste Section has received and reviewed the May 2011 *APPARENT LANDFILL GAS COMPLIANCE LIMIT EXCEEDENCE & REMEDIATION PLAN* and Figure 1 – Proposed Landfill Gas Interception Trench (Doc ID 13996) submitted via email on May 23, 2011. Based upon the plan, figure, and our phone conversation, the landfill gas trench will be approximately 8 feet deep (due to bedrock and/or a confining clay layer), 2 feet wide, and 600-800 feet long. Please proceed with the implementation of the May 2011 *APPARENT LANDFILL GAS COMPLIANCE LIMIT EXCEEDENCE & REMEDIATION PLAN* and Figure 1 – Proposed Landfill Gas Interception Trench (Doc ID 13996). If you have any questions or concerns, please feel free to contact me. Thank you for your continued cooperation with this matter.

Sincerely,
Jackie Drummond

Jaclynne Drummond
Compliance Hydrogeologist
NC Department of Environment and Natural Resources
Division of Waste Management – Solid Waste Section
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From: Bill Sperry [mailto:bill.sperry@mcgillengineers.com]
Sent: Monday, May 23, 2011 2:03 PM
To: Keller, Andrea
Cc: Drummond, Jaclynne; 'Jim Huff'; jeff.bishop@mcgillengineers.com
Subject: Madison County Closed MSW Landfill - 58-02

Andrea,

On behalf of Madison County, McGill Associates is submitting the County's proposed remediation plan to address the recently reported landfill gas compliance limit exceedence in two (2) of the Facility's perimeter landfill gas monitoring probes. The affected landfill gas monitoring probes, GP-5 and GP-6, are located in the northwest corner of the property in close proximity to the property boundary. In this area of the facility, the approximate waste limits are also in close proximity to the facility property boundary. Given this scenario, it could be assumed that landfill gas may have already or be inherently close to migrating across the facility's property line. Therefore, in accordance with Madison County's approved Landfill Gas Monitoring Plan and the applicable rules and regulations, the County proceeded with the development and implementation of the attached remediation plan to address the apparent landfill gas exceedence issue. The remediation plan involves the installation of a Landfill Gas Interception Trench between the edge of waste limits and the facility property line in the area around and between GP-5 and GP-6. The trench will be field located and will be installed in general conformance with the detail on the attached Figure 1, Proposed Landfill Gas Interception Trench, Madison County Closed MSW Landfill, Permit No. 58-02, Madison County, North Carolina. A brief description of the apparent landfill gas compliance limit exceedence and the proposed remediation plan is also attached for your review.

I have also copied Ms. Jaclynne Drummond, Compliance Hydrogeologist, with this e-mail per your request in the Facility Compliance Audit Report prepared as follow-up to the facility audit conducted on May 3, 2011. Should you require hard copies of the attached documents, please let me know and I will forward these on to you. Also, should you have any questions or if I can be of further assistance, please give me a call at (828) 252-0575 (Office) or (828) 713-2251 (Cell).

Thanks and have a great day, Bill Sperry

McGill ASSOCIATES
Engineering • Planning • Finance

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