

Environmental Consultants

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www.scsengineers.com**SCS ENGINEERS**February 16, 2007  
File No. 02199312.02-2Jackie Drummond  
NCDENR  
Division of Waste Management  
Solid Waste Section  
1646 Mail Service Center  
Raleigh, North Carolina 27699-1646Subject: Notification of Methane Exceedance at Landfill Gas Monitoring Probe M-19  
North Wake County Landfill - Raleigh, North Carolina

Dear Ms. Drummond:

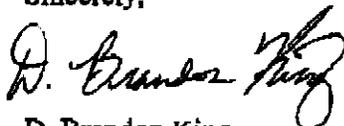
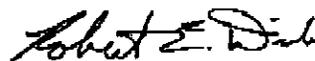
On behalf of Wake County (County), SCS Engineers, PC (SCS) is submitting this letter to notify you of a methane exceedance detected at the perimeter landfill gas (LFG) monitoring probe M-19 at the North Wake County Landfill (Landfill). Under 15A NCAC 13B Section .1626(4)(c)(ii), the County must place in the operating record the methane gas levels recorded within seven days of detection. The methane exceedance at probe M-19 was detected during routine quarterly monitoring on February 12, 2007.

During the First Quarter 2007 monitoring event involving the perimeter methane monitoring probes at the Landfill, probe M-19 exhibited a methane concentration of 52.5 percent by volume, which is greater than the regulatory compliance threshold, which is equivalent to the lower explosive limit (LEL) for methane. Verification monitoring conducted by DTE Biomass Energy personnel at M-19 on February 16 exhibited a methane concentration of 53.3 percent by volume. Probe M-19 is located on the southwest corner of the closed, unlined cell, adjacent to a condensate sump.

Also, as required by 15A NCAC 13B Section .1626(4)(c)(iii), the County plans to implement a remediation plan within 60 days of the initial exceedance. In accordance with the existing LFG Remediation Plan, the frequency for monitoring LFG probes exhibiting elevated methane concentrations will be monthly.

If you have questions or comments regarding the County's notification, please feel free to contact Johnny Beal of Wake County at (919) 856-5634 or Bob Dick at (804) 598-9480.

Sincerely,

D. Brandon King  
Associate Staff Scientist  
SCS ENGINEERS, PCRobert E. Dick, PE  
Project Director  
SCS ENGINEERS, PCcc: Dan LaMontagne - Wake County  
Johnny Beal - Wake County

**NC ONSITE WASTEWATER CONTRACTORS & INSPECTORS**  
**REFERENCE AFFIDAVIT**

I, McNeely D. Shingleton, do hereby give favorable reference for the  
(Printed Name of Person Providing Reference)  
 below listed applicant for NC Onsite Wastewater Contractor and/or Inspector Certification Program. My contact information is as follows: Street Address 115 Charles Rollins Rd.  
 City Henderson ST NC Zip 27536 Email mshingleton@gvdhd.org  
 Best Phone to reach me at (828) 492-5263 Best time to reach me 8:30-9:00 or 1:00-1:30  
 I hereby certify that I am qualified to give this reference based on the following (check all that apply) I am:

- an Environmental Health Specialist and I have personally inspected and passed systems installed by this applicant.
- a General Contractor and the applicant has satisfactorily installed onsite wastewater systems and/or inspected onsite wastewater systems.
- a past customer of the applicant and the onsite wastewater system was satisfactorily installed and/or inspected onsite wastewater systems.
- a Real Estate Agent and the applicant has satisfactorily inspected onsite wastewater systems.
- an Engineer and the applicant has satisfactorily installed onsite wastewater systems and/or inspected onsite wastewater systems.
- a Licensed Soil Scientist and the applicant has satisfactorily installed onsite wastewater systems and/or inspected onsite wastewater systems.

Name of Applicant: NORMAN D. CLIFFORD JR.  
First Middle Last

Present Employer/Company Name: NORMAN CLIFFORD

2-14-07 McNeely D. Shingleton  
Date Signature of Person Providing Reference

Vance County, North Carolina

I certify that the following person(s) personally appeared before me this day, each acknowledging to me that he or she signed the foregoing document: MC NEELY  
D. SHINGLETON NORMAN CLIFFORD

Date: 2-14-2007

(Official Seal)

Nancy O. Bell  
 Official Signature of Notary  
Nancy O. Bell Notary Public  
 Printed Name of Notary  
 My Commission Expires: August 20<sup>th</sup>, 2007