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June 26, 2007

File No. 02199312.02-2

Jackie Drummond
NCDENR
Division of Waste Management
Solid Waste Section
1646 Mail Service Center
Raleigh, North Carolina 27699-1646Subject: Notification of Methane Exceedances at Landfill Gas Monitoring Probes
North Wake County Landfill – Raleigh, North Carolina

Dear Ms. Drummond:

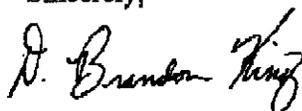
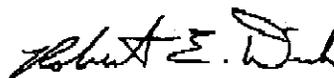
On behalf of Wake County (County), SCS Engineers, PC (SCS) is submitting this letter to notify you of methane exceedances detected at perimeter landfill gas (LFG) monitoring probes M-6R, M-25, and M-26 at the North Wake County Landfill (Landfill). Under 15A NCAC 13B Section .1626(4)(c)(ii), the County must place in the operating record the methane gas levels recorded within seven days of detection. The methane exceedances at probes M-6R, M-25, and M-26 were detected during routine quarterly monitoring on June 20, 2007.

During the Second Quarter 2007 monitoring event involving the perimeter methane monitoring probes at the Landfill, probes M-6R, M-25, and M-26 exhibited methane concentrations of 36, 8.2, and 31.7 percent by volume respectively, which is greater than the regulatory compliance threshold, which is equivalent to the lower explosive limit (LEL) for methane. Probes M-6R, M-25, and M-26 are located on the southeast corner of the closed, unlined cell, adjacent to the Mallinckrodt property.

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 this 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