



March 27, 2008

Ms. Jaclynne Drummond
Division of Waste Management - Solid Waste Section
401 Oberlin Road, Suite 150
Raleigh, NC 27605

Re: Methane Monitoring Status
Lee County Landfill - Sanford, NC
NCDWM-Solid Waste Section Permit # 53-01
TerraQuest Project No. 02296

Dear Ms. Drummond:

On behalf of the Lee County Public Works Department, TerraQuest Environmental Consultants, P.C. is hereby reporting the status of methane monitoring for the Lee County Landfill located south of Sanford, NC.

As previously reported, TerraQuest personnel registered vapors at 100% of the LEL in monitoring points M2, M8, M9, and M13 on both February 12 and 19, 2008. Those wells were checked again on March 26, 2008. While M2 had an LEL reading of 36%, M8, M9, and M13 continued to have a reading of 100%. The results are summarized on the attached Table 1 and NCDWM-SW Environmental Monitoring Reporting Form.

On March 26 - 27, 2008, TerraQuest personnel also supervised the installation of additional monitoring points as previously directed by the NCDWM-SW. Future correspondence on the installation of those points will be provided shortly.

Sincerely,

TERRAQUEST ENVIRONMENTAL CONSULTANTS, P.C.

A handwritten signature in black ink, appearing to read "R. Kerins".

Ryan D. Kerins
Project Manager

Attachments: Table 1 – Methane Monitoring
NCDWM-SW Environmental Monitoring Reporting Form

cc: Joe Cherry – Lee County Public Works Department

| Table 1 | | METHANE MONITORING 3/26/08 | | | | | |
|---------------|---------|------------------------------------|--------|---------------------------|--------|-------|-----------|
| Date: 3/27/08 | | Facility Name: Lee County Landfill | | | | | |
| FACILITY | WELL ID | CAS Number | SWS ID | PARAMETER | RESULT | UNITS | COLLECT |
| 53-01 | M2 | SW329 | 329 | methane gas - OVM reading | 36 | %LEL | 3/26/2008 |
| 53-01 | M2 | SW318 | 318 | Depth To Water | 7.93 | feet | 3/26/2008 |
| 53-01 | M2 | SW325 | 325 | Temperature | 57 | °F | 3/26/2008 |
| 53-01 | M2 | | | Barometric Pressure | 30.28 | "Hg | 3/26/2008 |
| 53-01 | M8 | SW329 | 329 | methane gas - OVM reading | 100 | %LEL | 3/26/2008 |
| 53-01 | M8 | SW318 | 318 | Depth To Water | 4.76 | feet | 3/26/2008 |
| 53-01 | M8 | SW325 | 325 | Temperature | 57 | °F | 3/26/2008 |
| 53-01 | M8 | | | Barometric Pressure | 30.28 | "Hg | 3/26/2008 |
| 53-01 | M9 | SW329 | 329 | methane gas - OVM reading | 100 | %LEL | 3/26/2008 |
| 53-01 | M9 | SW318 | 318 | Depth To Water | 4.76 | feet | 3/26/2008 |
| 53-01 | M9 | SW325 | 325 | Temperature | 57 | °F | 3/26/2008 |
| 53-01 | M9 | | | Barometric Pressure | 30.28 | "Hg | 3/26/2008 |
| 53-01 | M13 | SW329 | 329 | methane gas - OVM reading | 100 | %LEL | 3/26/2008 |
| 53-01 | M13 | SW318 | 318 | Depth To Water | 9.04 | feet | 3/26/2008 |
| 53-01 | M13 | SW325 | 325 | Temperature | 57 | °F | 3/26/2008 |
| 53-01 | M13 | | | Barometric Pressure | 30.28 | "Hg | 3/26/2008 |

NC DENR
Division of Waste Management - Solid Waste

**Environmental Monitoring
Reporting Form**

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- Prepare one form for each individually monitored unit.
- Please type or print legibly.
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i)).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

TerraQuest Environmental Consultants, P.C.

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Ryan Kerins

Phone: (919) 563-9091

E-mail: rdkerins@terraquestpc.com

| Facility name: | Facility Address: | Facility Permit # | NC Landfill Rule: (.0500 or .1600) | Actual sampling dates (e.g., October 20-24, 2006) |
|---------------------|------------------------------------|-------------------|---------------------------------------|------------------------------------------------------|
| Lee County Landfill | 331 Landfill Rd, Sanford, NC 27332 | 53-01 | .1600 | March 26, 2008 |

Environmental Status: (Check all that apply)

- Initial/Background Monitoring Detection Monitoring Assessment Monitoring Corrective Action

Type of data submitted: (Check all that apply)

- Groundwater monitoring data from monitoring wells Methane gas monitoring data
 Groundwater monitoring data from private water supply wells Corrective action data (specify) _____
 Leachate monitoring data Other(specify) _____
 Surface water monitoring data

Notification attached?

- No. No groundwater or surface water standards were exceeded.
 Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
 Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Ryan Kerins

Project Manager

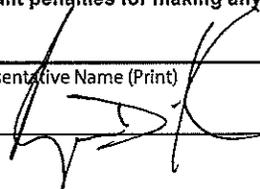
(919) 563-9091

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

Signature



3/27/08
Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

