

Paper Report
 Electronic Data - Email CD (data loaded: Yes/No)

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):

The County of Davie

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

Name: John C. Grey, Jr., PE

Phone: 336-751-2110

E-mail: jgrey@greyengineering.com

| Facility name: | Facility Address: | Facility Permit # | NC Landfill Rule: (.0500 or .1600) | Actual sampling dates (e.g., October 20-24, 2006) |
|---------------------------|-------------------------------|-------------------|---------------------------------------|--|
| Davie County MSW Landfill | 360 Dalton Rd, Mocksville, NC | 30-02 30-01 | | October 31-November 1, 2007 |

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
 Surface water monitoring data
 Other(specify) _____

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.

John C. Grey, Jr., PE

President

336-751-2110

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

Signature

Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:



2-5-08

GREY

ENGINEERING, INC.

ENVIRONMENTAL AND CIVIL DESIGN



February 5, 2008

Mr. Ethan Brown
Environmental Compliance
NCDENR-DWM, Solid Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

Re: MSW Landfill Monitoring
Davie County MSW Landfill
360 Dalton Rd, Mocksville
Project #202.019

Dear Mr. Brown,

With respect to the Davie County Landfill, permit # 30-03, the following information is included on the enclosed CD: field collection reports, laboratory analysis report; exceedance summary table with history; detection summary table with history; environmental monitoring reporting form; vicinity map and monitoring well location map. The sampling was conducted in late October of 2007.

The data indicates no exceedance of surface water standards. However, you will note from the Exceedance Summary Table that monitoring wells 1 (Trichloroethene, Benzene, cis-1,2 Dichloroethane and Vinyl Chloride), 4 (Benzene and 1,4 Dichlorobenzene), 5 (Benzene, Trichloroethene, Tetrachloroethane, 1,2 Dichloropropane, and Vinyl Chloride), 12 (Lead) 14 (Chromium, Lead) 15 (Tetrachloroethane, Methylene Chloride, and Vinyl Chloride) and 16D (Tetrachloroethane) show exceedance of 2L levels for the October 31st event.

These exceedances result from historic landfill use. The landfill is now capped and closed. However, since exceedance history at these wells is sporadic, it is suggested that no remediation action be undertaken until trends become significant and well defined.

If you should have any questions, do not hesitate to give me a call.

Sincerely,
Grey Engineering, Inc

John C. Grey, PE
Cc: Ms. Beth Dirks, Assistant Davie County Manager