

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

Doc/Event #:

**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)(e)(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, MCDENR-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):

Grey Engineering, Inc,for 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: Davie County MSW Landfill	Facility Address: 380 Dalton Road, Mocksville, NC 27028	Facility Permit # 99-89- R0047	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
				October-24-25, 2006 4/17/07

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

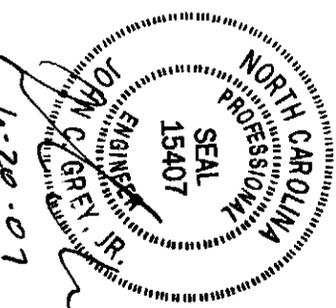
To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis 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 6/20/07 Affix NC Licensed Professional Geologist/Engineer Seal here:



June 20, 2007

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 April of 07.

The data indicates no exceedance of surface water standards. However, you will note from the Exceedance Summary Table that monitoring wells 1 (Trichloroethene, Tetrachloroethane and Vinyl Chloride), 4 (Vinyl Chloride), 5 (Trichloroethene, Tetrachloroethane, 1,4 Dichlorobenzene, Methylene Chloride, and Vinyl Chloride), 15 (Trichloroethene, Tetrachloroethane, and Vinyl Chloride), 16D (Tetrachloroethane) and 17 (Trichloroethene and Tetrachloroethane) show exceedance of 2L levels for the April 07 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

LETTER OF TRANSMITTAL

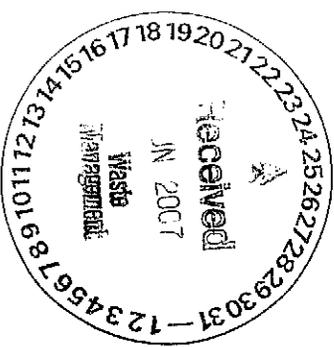
Date: 6/20/2007

GREY ENGINEERING, INC

To: Jackie Drummond
 Environmental Compliance
 NCDENR-DWM, Solid Waste Services
 1646 Mail Service Center
 Raleigh, NC 27699-1646

254 West Water Street
 P. O. Box 9
 Mocksville, NC 27028
 Telephone 336-751-2110
 Fax: 336-751-6348
 Job # 202.019

Re: Davie County MSW Landfill



WE ARE SENDING YOU: Attached Under separate cover via
 the following items: Copy of letter Submittal
 Prints Plans Samples
 Change order Other

Quantity	Description
1	Data Disk with Lab Results, Field Report, Data Reports and Maps
1	Narrative Letter
1	Signed and Sealed Solid Waste Form

As requested Approved as submitted
 For your use Approved as noted
 For approval Returned f. corrections
 For review and comment Return corrected prints
 Resubmit copies for approval Submit copies for distribution

Remarks:

COPY TO: Davie County Management

SIGNED

If enclosures are not as noted, kindly notify us at once