

DENR USE ONLY:

Paper Report

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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)(a)(i)).
- 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):

Environment One, Inc.

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

Name: Chad Allen

Phone: 252-216-6898

E-mail: Chada@darenc.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Dare County Landfill (East Lake)	Highway 64 East Lake	2802	.1600	August 16, 2010

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.

Chad Allen

Wastewater Superintendent

252-216-6898

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

1/25/2011

Affix NC Licensed/ Professional Geologist Seal

Signature

Date

Post Office Box 1000 Manteo, NC 27954

Facility Representative Address

NC PE Firm License Number (if applicable effective May 1, 2009)

**Table of Values Which Exceed Established Standards
And/Or Exceed Reporting Levels**

Facility Name: DARE CO. LANDFILL (EAST LAKE)

Permit #: 2802

Lab ID# 6016

Location	Collection Exceeds Date	Std	Parameter	CAS #	Result, ug/l	NC 2L STD **	NC GWP STD **	NC 2B SWS **
Downstream	08/16/2010	Y	Selenium	7782-49-2	10			5
Well #1 Deep	08/16/2010		Copper	7440-50-8	12.9	1000		
Well #1 Deep	08/16/2010	Y	Nickel	7440-02-0	194	100		
Well #1 Deep	08/16/2010		Zinc	7440-66-6	346	1000		
Well #1 Shallow	08/16/2010	Y	Sulfate	SW315	409.5	250		
Well #1 Shallow	08/16/2010	Y	Arsenic	7440-38-2	72	10		
Well #2 Deep	08/16/2010	Y	Total Chromium	7440-47-3	11	10		
Well #2 Deep	08/16/2010	Y	Nickel	7440-02-0	388	100		
Well #2 Deep	08/16/2010		Zinc	7440-66-6	730	1000		
Well #2 Shallow	08/16/2010		Barium	7440-39-3	100	700		
Well #2 Shallow	08/16/2010		Zinc	7440-66-6	27	1000		
Well #2 Shallow	08/16/2010		1,4-Dichlorobenzene	106-46-7	2.50	6		
Well #3 Deep	08/16/2010		Zinc	7440-66-6	62	1000		
Well #3 Shallow	08/16/2010		Barium	7440-39-3	173	700		
Well #3 Shallow	08/16/2010		Zinc	7440-66-6	170	1000		
Well #4 Shallow	08/16/2010		Zinc	7440-66-6	88	1000		
Well #5 Deep	08/16/2010	Y	Zinc	7440-66-6	1264	1000		
Well #5 Shallow	08/16/2010	Y	Arsenic	7440-38-2	11	10		
Well #5 Shallow	08/16/2010		Barium	7440-39-3	212.1	700		

** Note: NC 2L STD = NC 2L Ground Water Standard
 NC GWP STD = NC Solid Waste Groundwater Protection Standard
 NC 2B SWS = NC 2B Surface Water Standard