DENR USE ONLY: ☐ 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)(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):

Environment One Inc.

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

Name: Chad Allen Phone: 252-473-6415

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 (East Lake Landfill)	Highway 64 East Lake	2802	.1600	February 25, 2009

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 — Facility Representative Name (Print)

Wastewater Superintendent — Title

252-216-6898 — (Area Code) Telephone Number

Signature

5/13/09 — Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

Revised 01/2007

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 Date	Exceeds Std	Parameter	CAS #	Result, ug/l	NC 2L STD **	NC GWP STD **	NC 2B SWS **
Downstream	02/25/2009		Sulfate	SW315	302.5	???		
Downstream	02/25/2009		Zinc	7440-66-6	13			
Well #1 Deep	02/25/2009		Nickel	7440-02-0	54	100		
Well #1 Deep	02/25/2009		Zinc	7440-66-6	19	1050		
Well #1 Shallow	02/25/2009		Total Suspended Residue	SW343	13			
Well #1 Shallow	02/25/2009		Arsenic	7440-38-2	30	50		
Well #2 Deep	02/25/2009		Zinc	7440-66-6	16	1050		
Well #2 Shallow	02/25/2009		Total Suspended Residue	SW343	36			
Well #2 Shallow	02/25/2009		Barium	7440-39-3	145	2000		
Well #2 Shallow	02/25/2009	Y	Benzene	71-43-2	1.70	1		
Well #2 Shallow	02/25/2009		Chlorobenzene	108-90-7	17.80	50		
Well #2 Shallow	02/25/2009	Y	1,4-Dichlorobenzene	106-46-7	3.90	1.4		
Well #3 Deep	02/25/2009		Zinc	7440-66-6	13	1050		
Well #3 Shallow	02/25/2009		Total Suspended Residue	SW343	35			
Well #3 Shallow	02/25/2009		Barium	7440-39-3	137	2000		
Well #3 Shallow	02/25/2009		Zinc	7440-66-6	35	1050		
Well #4 Shallow	02/25/2009		Total Suspended Residue	SW343	94			
Well #4 Shallow	02/25/2009		Zinc	7440-66-6	14	1050		
Well #5 Shallow	02/25/2009		Total Suspended Residue	SW343	23			
Well #5 Shallow	02/25/2009		Barium	7440-39-3	186	2000		

** 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