

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):

SCS Engineers-Consultant; Pace Labs-Laboratory

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

Name: C. Ed Hilton, Jr., P.E.

Phone: 813-621-0080

E-mail: ehilton@scsengineers.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Buncombe County New Landfill	85 Panther Branch Road Alexander, North Carolina 28701	11-07	.1600	Sept. 26 - Oct. 01, 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.

C. Ed Hilton, Jr., P.E.

Project Director

813-621-0080

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

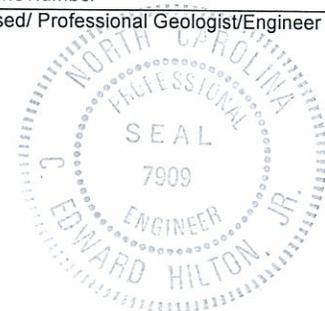
C. Ed Hilton Jr.

12/04/08

Signature

Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:



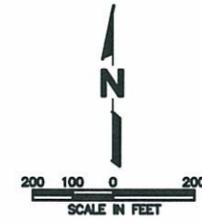
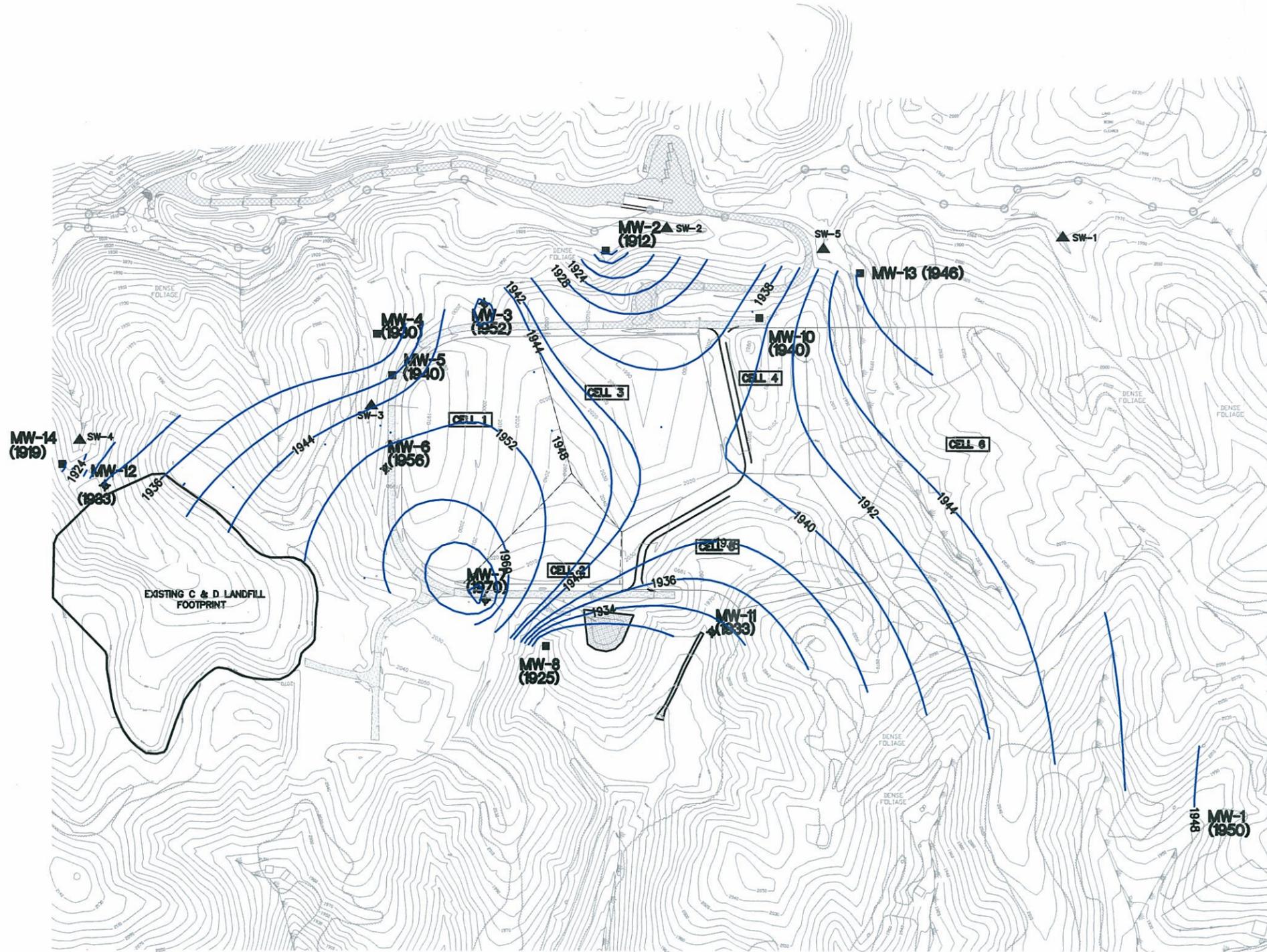
Exceedances by Date Range

Buncombe County New Facility

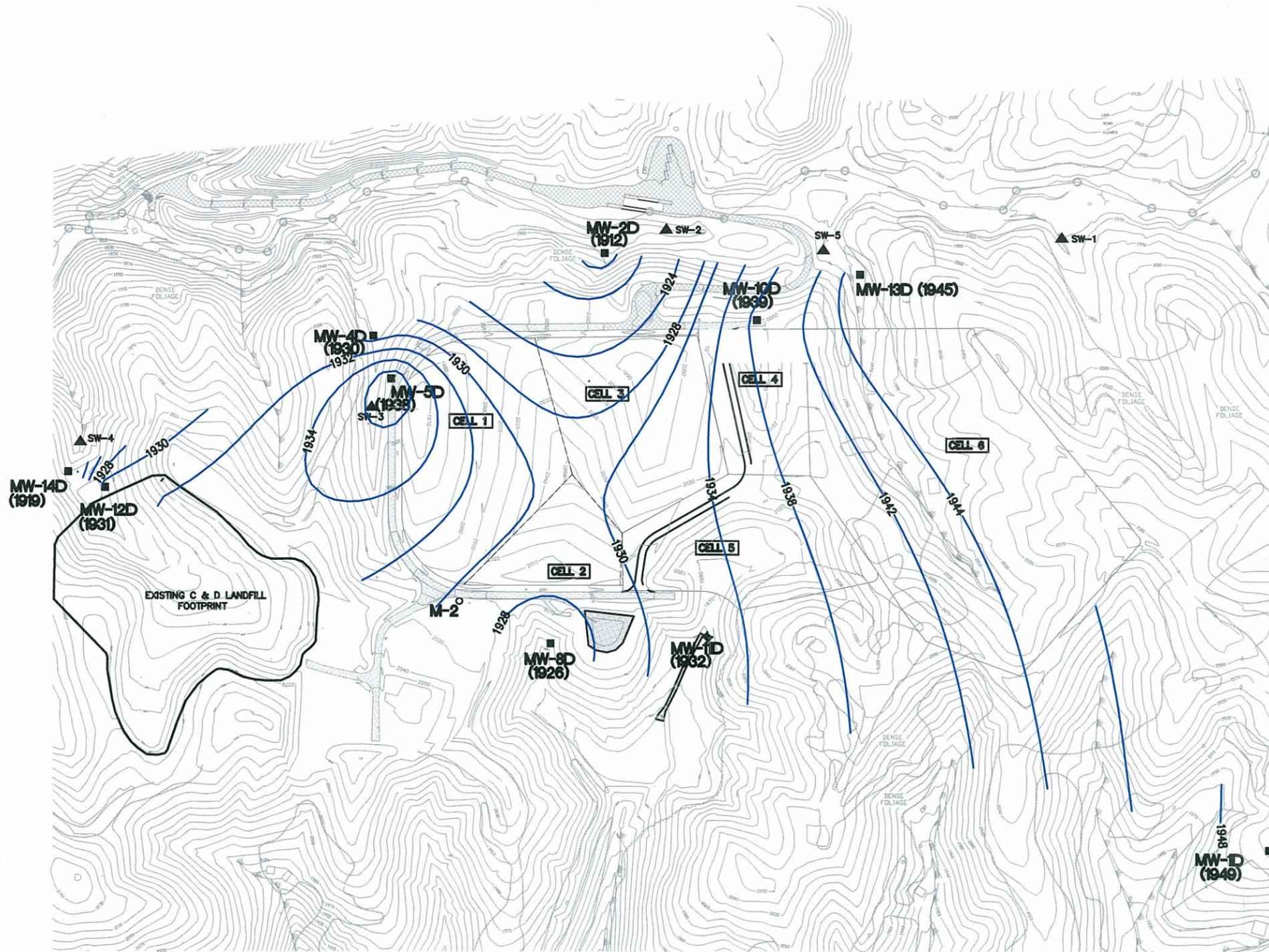
From: 9/19/2008

To: 9/30/2008

<i>Site ID</i>	<i>Analyte</i>	<i>Date</i>	<i>Result</i>
<i>LD-4</i>			
	Barium <i>DENR WQS:</i> 2000 <i>ug/l</i>	9/26/2008	4420 ug/L
	Cadmium <i>DENR WQS:</i> 1.75 <i>ug/l</i>	9/26/2008	107 ug/L
	Chromium <i>DENR WQS:</i> 50 <i>ug/l</i>	9/26/2008	699 ug/L
	Lead <i>DENR WQS:</i> 15 <i>ug/l</i>	9/26/2008	153 ug/L
	Nickel <i>DENR WQS:</i> 100 <i>ug/l</i>	9/26/2008	400 ug/L
	Zinc <i>DENR WQS:</i> 1050 <i>ug/l</i>	9/26/2008	1720 ug/L
<i>Leachate</i>			
	Benzene <i>DENR WQS:</i> 1 <i>ug/l</i>	9/26/2008	1.3 ug/L



DRAWING TITLE GROUNDWATER AND SURFACE WATER MONITORING WELL LOCATION MAP	REV	DATE	DESCRIPTION	BY
	▲▲▲▲			
PROJECT TITLE NEW BUNCOMBE COUNTY LANDFILL SHALLOW MONITORING WELLS	CERTIFICATE NO.			
CLIENT BUNCOMBE COUNTY NORTH CAROLINA	DRAWING NO.			
SCS ENGINEERS STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS 1111 W. LENOX AVENUE, SUITE 100 TAMPA, FL 33610 PHONE: (813) 834-6667 FAX: (813) 834-6757 FLORIDA CERTIFICATE OF AUTHORIZATION NO. 0000482	DRAWN BY: JTK CHECKED BY: CEH DATE: 09/20/07 SCALE: AS SHOWN	DATE: September 2008 CADD FILE: 047201SITE1	PROJECT NO.: 047201 SHEET NO.: 1 OF 1	DATE: 09/20/07 DRAWN BY: JTK CHECKED BY: CEH DATE: 09/20/07 SCALE: AS SHOWN



DRAWING TITLE GROUNDWATER AND SURFACE WATER MONITORING WELL LOCATION MAP	REV	DATE	DESCRIPTION	BY	CERTIFICATE NO.
	▲▲▲▲▲				
PROJECT TITLE NEW BUNCOMBE COUNTY LANDFILL DEEP MONITORING WELLS					
CLIENT BUNCOMBE COUNTY NORTH CAROLINA					
SCS ENGINEERS STEARNS, CONRAD AND SCHMIDT CONSULTING ENGINEERS 3015 U.S. HWY. 301 NORTH, SUITE 200, TAMPA, FL 33619 TEL (813) 976-0000 FAX (813) 976-4975 FL CONSUMER CERTIFICATE OF AUTHORIZATION NO. 00004809 10/20/07/20-01 DATE: 07/14/08 DRAWN BY: JTK CHECKED BY: CSH APPR. BY: CSH PROJECT NO.: 047201					
CADD FILE: 047201SITE1					
DATE: September 2008					
SCALE: AS SHOWN					
DRAWING NO. 1 of 1					