CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST FORM

Duke Energy

For Detailed Instructions, see:
http://dewww/essenv/coc/

Duke Energy Analytical Lab. Services
Mail Code MGO3A2 (Building 7405)
13339 Hagers Ferry Rd
Huntersville, N. C. 28078
(704) 875-5245
Fax: (704) 875-5038

Analytical Laboratory Use Only

LIMS # 09-APR-0058 | Sample Class GWATER | Samples Originating From NC √ SC ___

Logged By EBC | Date & Time 4/1/09 14:52

VENDOR PACE (EDD Format) | All < 2.1°C Cooler Temp (C)

PO # ISWQ1341

MR #

SAMPLE PROGRAM: Ground Water √ NPDES ___ Drinking Water ___ UST ___ RCRA Waste ___

[19]Page 1 of 2

DISTRIBUTION
ORIGINAL to LAB, COPY to CLIENT

Customer must Complete

1)Project Name: BELEWS CRK LANDFILL - PINE HALL
2)Phone No: 875-5257
3)Client: C Campbell / T Hunsucker / Ed Sullivan
4)Fax No: 875-4349
5)Business Unit: 20003
6)Process: ENVWS
7)Resp. To: BC00
8)Project ID:
9)Activity ID:
10)Mail Code: MGO3A3

Customer to complete all appropriate NON-SHADED areas.

[15]Preserv.: 1=HCL 2=H_2SO_4 3=HNO_3 4=Ice 5=None

[16]Analyses Required

LAB USE ONLY [11]Lab ID	[12]Chem Desktop No.	[13]Sample Description or ID	[14]Collection Information Date	Time	Signature	[17]Comp.	[18]Grab	NO3, Cl, F, SO4, Alk, LAB pH (4)	MET - (Ag, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Na, Ni Pb, Se, Sb, Tl, V, Zn) (3)	TOC (2, 4)	TDS (4)	BOD (4)	TOX (2, 4)	COD (2, 4)	Hg (3)	8260 (see attachment for compounds) (1, 4)	Chlorine (ppm)	[20]Total # of Containers
001 29008810		TRIP BLANK	4/20/09	0705	LD Cell		X										n/a	3
002 29008811		MW-1	4/22/09	1000	Ron Mn		X	1	1	1	1	1	1	1	1	3	Ø	11
003 29008812		MW-1D	4/22/09	0745	Ron Mn		X	1	1	1	1	1	1	1	1	3	Ø	11
004 29008813		MW-2	4/21/09	0930	Ron Mn		X	1	1	1	1	1	1	1	1	3	Ø	11
005 29008814		MW-3	4/21/09	0815	Ron Mn		X	1	1	1	1	1	1	1	1	3	Ø	11
006 29008815		MW-4	4/22/09	0750	LD Cell		X	1	1	1	1	1	1	1	1	3	Ø	11
007 29008816		MW-5	4/21/09	1330	Ron Mn		X	1	1	1	1	1	1	1	1	3	Ø	11
008 29008817		MW-6	4/22/09	0930	Ron Mn		X	1	1	1	1	1	1	1	1	3	Ø	11
009 29008818		MW-7	4/21/09	1300	LD Cell		X	1	1	1	1	1	1	1	1	3	Ø	11
010 29008819		MW2-7	4/21/09	1040	LD Cell		X	1	1	1	1	1	1	1	1	3	Ø	11
011 29008820		MW2-9	4/21/09	1330	LD Cell		X	1	1	1	1	1	1	1	1	3	Ø	11

Customer to complete appropriate columns to right

Customer to sign & date below

	Date/Time		Date/Time
21)Relinquished By: LD Cell	4/22/09 0335	Accepted By: EB Calder	4-22-09 7:30
Relinquished By: LD Cell	4/22/09 1305	Accepted By: EB Calder	4-22-09 13:05
Relinquished By: EB Calder	4-22-09 14:10	Accepted By: Pace dH	4-22-09 14:10
23)Sealed/Locked By: EB Calder	4.22.09 1330	Sealed/Lock Opened By: PACE	4/22/09 1430

24)Comments: SEE ATTACHMENT FOR LIST OF REQUIRED 8260 COMPOUNDS NEEDED

Customer, important please indicate desired turnaround

[22]Requested Turnaround
14 Days √
*7 Days ___
*48 Hr ___
*Other ___ * Add. Cost Will Apply

Relinq: Pace dH 4-22-09 12:30

[redacted]

Please put the results into the correct EDD format as 'dictated' by the State of North Carolina. DHEC

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Huntersville, N. C. 28078
(704) 87

Analytical Laboratory Use Only
LIMS # 09-APR-0058 | Sample Class GWATER | Samples Originating From NC √ SC ___
Logged By EBC | Date & Time 04/03/09 14:21 | SAMPLE PROGRAM Ground Water √ NPDES ___ Drinking Water ___ UST ___ RCRA Waste ___
VENDOR PACE (EDD Format) | All ≤ 2.1°C Cooler Temp (C)
PO # ISWO1.341 | [15]Preserv.: 1=HCL 2=H_2SO_4 3=HNO_3 4=Ice 5=None
MR #

[19]Page 2 of 2
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8)Project ID: | 9)Activity ID: | 10)Mail Code: MGO3A3

Customer to complete all appropriate NON-SHADED areas.

Customer to complete appropriate columns to right

LAB USE ONLY [11]Lab ID	[12]Chem Desktop No.	[13]Sample Description or ID	[14]Collection Information Date	Time	Signature	[17]Comp.	[18]Grab	NO3, Cl, F, SO4, ALK, LAB pH (4)	MET - (Ag, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Na, Ni Pb, Se, Sb, Tl, V, Zn (3)	TOC (2, 4)	TDS (4)	BOD (4)	TOX (2, 4)	COD (2, 4)	Hg (3)	8260 (see attachment for compounds) (1, 4)	Chlorine (ppm)	[20]Total # of Containers
012 29009088		OB-4	4/21/09	0915	LD Cole		X	1	1	1	1	1	1	1	1	3	Ø	11
013 29009089		OB-5	4/21/09	0850	LD Cole		X	1	1	1	1	1	1	1	1	3	Ø	11
014 29009090		OB-9	4/21/09	0830	LD Cole		X	1	1	1	1	1	1	1	1	3	Ø	11
29009091		SW-1A — NO SAMPLE					X	1	1	1	1	1	1	1	1	3		11
29009092		SW-2 — NO SAMPLE					X	1	1	1	1	1	1	1	1	3		11
015 29009093		FIELD BLANK	4/22/09	1010	LD Cole		X	1	1	1			1	1	1	3	n/a	9

Customer to sign & date below

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21)Relinquished By: LD Cole	4/22/09 0335	Accepted By: EB Calder	4.22.09 7:30
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Relinquished By: EB Calder	4.22.09 14:10	Accepted By: [signature] Pace ch	4.22.09 14:10
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14 Days √
*7 Days ___
*48 Hr ___
*Other ___ * Add. Cost Will Apply

Relinq: [signature] pace ch 4.22.09 14:30

[redacted]

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BELEWS CREEK PINE HALL LANDFILL
COMPOUNDS REQUIRED FOR 8260 ANALYSES

Acetone
Acrylonitrile
Benzene
Bromochloromethane
Bromodichloromethane
Bromoform
Tribromomethane
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
Chloroethane
Ethyl chloride
Chloroform
Trichloromethane
Dibromochloromethane
Chlorodibromomethane
1,2-Dibromo-3-chloropropane; DBCP
1,2-Dibromoethane
Ethylene dibromide; EDB
o-Dichlorobenzene
1,2-Dichlorobenzene
p-Dichlorobenzene
1,4-Dichlorobenzene
trans-1, 4-Dichloro-2-butene
1,1-Dichlorethane
Ethylidene chloride
1,2-Dichlorethane
Ethylene dichloride
1,1-Dichloroethylene
1,1-Dichloroethene
Vinylidene chloride
cis-1,2-Dichloroethylene
cis-1,2-Dichloroethene
trans-1, 2-Dichloroethylene
trans-1,2-Dichloroethene
1,2-Dichloropropane
Propylene dichloride
cis-1,3-Dichloropropene
trans-1,3-Dichloropropene
Ethylbenzene
2-Hexanone
Methyl butyl ketone
Methyl bromide
Methyl chloride
Methylene bromide
Methylene chloride
Bromomethane
Chloromethane
Dibromomethane
Dichloromethane
Methyl ethyl ketone; MEK
2-Butanone
Methyl iodide
Idomethane
4-Methyl-2-pentanone
Methyl isobutyl ketone
Styrene
1,1,1,2-Tetrachloroethane
1,1,2,2-Tetrachloroethane
Tetrachloroethylene
Tetrachloroethene
Perchloroethylene
Toluene
1,1,1-Trichloroethane
Methylchloroform
1,1,2-Trichloroethane
Trichloroethylene
Trichloroethene
Trichlorofluoromethane;
1,2,3-Trichloropropane
Vinyl acetate
Vinyl chloride
Xylenes

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Logged By EBC | Date & Time 4/1/09 14:52 | SAMPLE PROGRAM: Ground Water √, NPDES ___, Drinking Water ___, UST ___, RCRA Waste ___

VENDOR PACE (EDD Format) | Cooler Temp (C) All < 2.1°c

PO # ISWO1.341

MR #

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29009091		SW-1A — NO SAMPLE		UC			X	1	1	1	1	1	1	1	1	3		11
29009092		SW-2 — NO SAMPLE		UC			X	1	1	1	1	1	1	1	1	3		11
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