

JPM
12/11/06

THE COLINAS GROUP, INC.
HYDROGEOLOGISTS & ENGINEERS

December 11, 2006

Mr. John Morris, P.G.
Florida Department of Environmental Protection
Southwest District
13051 N. Telecom Parkway
Temple Terrace, FL 33637

Dept. of Environmental
Protection
DEC 13 2006
Southwest District

**Sub: Sumter County Closed Landfill
Resample MW-4 for Gross Alpha
TCG Project No. P-331**


Dear Mr. Morris:

The Colinas Group, Inc. (TCG) prepared and submitted the Quarter III 2006 Groundwater Monitoring Report on behalf of Sumter County on October 9, 2006. The reported noted an exceedance for Gross Alpha in monitoring well MW-4 at 17.0 ± 1.7 pCi/L. Well MW-4 was resampled by TCG on October 17, 2006 and the collected sample submitted to Environmental Conservation Laboratories, Inc. (ENCO) for analysis for Gross Alpha.

The laboratory reported Gross Alpha in the MW-4 resampling at 6.2 ± 1.5 pCi/L, below the Chapter 62-550, F.A.C. regulatory level of 15 pCi/L. The laboratory report, provided by ENCO's radiological subcontract laboratory, Florida Radiochemistry Services, Inc., is attached together with TCG's field log for the resample event.

Please let me know if you have any questions concerning this matter.

Very truly yours,
THE COLINAS GROUP, INC.

12/11/06

Richard L. Potts, Jr., P.G.
Principal Consultant
FL P.G. Reg. No. 1113

cc: Carly Kozel (Kessler Consulting, Inc.) w/o attachments

MW-4 RESAMP
colinac for
GROSS ALPHA

Environmental Conservation Laboratories, Inc.

10775 Central Port Drive

Orlando FL, 32824

Phone: 407.826.5314 FAX: 407.850.6945



www.encolabs.com

Friday, November 10, 2006

The Colinas Group (CO016)

Attn: Rick Potts

509 N. Virginia Ave.

Winter Park, FL 32789

**RE: Project Number: [none], Project Name/Desc: Sumter County Landfill
ENCO Workorder: A605143**

Dear Rick Potts,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, October 18, 2006.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink that reads 'David M. Camacho'.

David Camacho For Ronald Wambles

Project Manager

Enclosure(s)



Florida Radiochemistry Services, Inc.

Contact: Michael J. Naumann

5456 Hoffner Ave., Suite 201 Orlando, FL 32812

Phone: (407) 382-7733 Fax: (407)382-7744

Certification I. D. # E83033

Work Order #: 0610188

Report Date: 11/02/06

Report to:

Enco

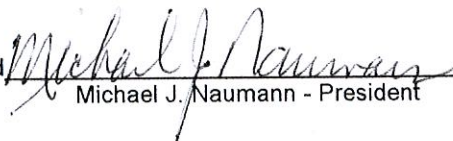
10775 Central Port Dr.

Orlando, FL 32824

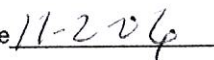
Attention: Ronnie Wambles

I do hereby affirm that this record contains no willful misrepresentations and that this information given by me is true to the best of my knowledge and belief. I further certify that the methods and quality control measures used to produce these laboratory results were implemented in accordance with the requirements of this laboratory's certification and NELAC Standards.

Signed


Michael J. Naumann - President

Date





Florida Radiochemistry Services, Inc.

Sample Login

Client:	Enco - Orlando	Date / Time Received	Work order #
		10/19/06 09:05	0610188
Client Contact:	Ronnie Wambles		
Client P.O.			
Project I.D.	A605143		
Lab Sample I.D.	Client Sample I.D.	Sample Date/Time	Analysis Requested
0610188-01	MW-4	10/17/06 11:41	Gross Alpha

Analysis Results

Gross Alpha	6.2
Error +/-	1.5
MDL	1.2
EPA Method	900.0
Prep Date	10/30/06
Analysis Date	10/31/06
Analyst Initials	MJN

Units **pCi/l**



Florida Radiochemistry Services, Inc.

QA Page

Analyte	Sample #	Date Analyzed	Sample Result	Amount Spiked	Spike Result	Spike /Dup Result	Spike % Rec.	Spike Dup % Rpd
Gross Alpha	0610189-03	10/31/06	<1.9	10.2	10.4	10.4	102	0.0

	Quality	Control	Limits
	% RPD		% Rec.
Gross Alpha	22.1		61-117

SUBCONTRACT ORDER

ENCO Orlando

A605143

SENDING LABORATORY:

ENCO Orlando
10775 Central Port Drive
Orlando, FL 32824
Phone: 407.826.5314
Fax: 407.850.6945
Project Manager: Ronald Wambles

RECEIVING LABORATORY:

FL Rad-Chem
5456 Hoffner Ave, Suite 201
Orlando, FL 32812
Phone :(407) 382-7733
Fax: 999
Project State of Origin: FL

Analysis	Due	Expires	Laboratory ID	Comments
MW-4	Ground Water	17-Oct-06 11:41		
Gross Alpha	25-Oct-06 15:00	17-Oct-06 11:41		
Containers Supplied: ILP (A)				

Released By J. Louis Date 10/18/06 Received By K. Woods Date 10/19/06 9:05

Released By _____ Date _____ Received By _____ Date _____

GROUNDWATER SAMPLING LOG

SITE NAME: Sumter County Landfill	SITE LOCATION: Sumterville, FL
WELL NO: MW-4	SAMPLE ID: MW-4 DATE: 10/17/06

PURGING DATA

WELL 2" PVC	TUBING 3/8"	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH 27.64' TO WATER (feet)	PURGE PUMP TYPE OR BAILER: ESP							
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable)											
<i>Well Vol = (36.35' feet - 27.64' feet) X .16 gallons/foot = 1.3936 gallons</i>											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable)											
<i>1 Equip Vol = .02 gallons + (.006 gallons/foot X 30' feet) + .125 gallons = .378 gallons</i>											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): ~29'		FINAL PUMP OR TUBING DEPTH IN WELL (feet):		TOTAL VOLUME PURGED (gallons):							
TIME	VOLUME PURGED (gallons)	CUMUL VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND (mS/cm)	DISSOLVED OXYGEN (mg/L)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1130	1.5	1.5	.125	28.04	7.00	27.46	.696	.50	7.37	Clear	None
1132	0.25	1.75	.125	28.03	6.99	27.45	.690	.41	6.40	Clear	None
1134	.25	2	.125	28.03	7.00	27.47	.672	.36	5.55	Clear	None
<i>No Screen</i>											
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.015											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: H. L. Claytor, Envirotech, LLC			SAMPLER(S) SIGNATURES: <i>[Signature]</i>			SAMPLING INITIATED AT: 1138		SAMPLING ENDED AT: 1141			
PUMP OR TUBING DEPTH IN WELL (feet): ~29'			SAMPLE PUMP FLOW RATE (mL per minute): < 250 mL			TUBING		MATERIAL CODE: PE			
FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N			FIELD-FILTERED: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N FILTER SIZE: _____ um			DUPLICATE: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION				INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
MW-4	2	PE	1 Ltr	HN03	None	---	Gross Alpha, RA226RA228		ESP		
"	1	PE	250 mL	H2S04	None	---	Ammonia		ESP		
"	1	PE	250 mL	HN03	None	---	Al, Fe, Mn, Hg, Na		ESP		
"	1	PE	500 mL	None	None	---	Chloride, Fluoride, Nitrate, TDS		ESP		

REMARKS:
 1118: Inserted SS ESP and new 3/8" PE tubing to ~29' btoe and began purging @ .125 gpm.
 1123: WL 28.04' @ .125 gpm, GW is turbid @ 63 NTUs. Will purge until clear.
 1126: WL 28.04' @ .125 gpm, drawdown is stable. Turbidity is dropping, is 25 NTUs.

Notes: 1) Used a graduated 5 gallon bucket and lined to measure purge volumes
 2) Packed samples on ice immediately upon collection

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; PE = Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING/PURGING APP = After Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump
 EQUIPMENT CODES: RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); VT = Vacuum Trap; O = Other (Specify)

Notes: 1. The above do not constitute all the information required by Chapter 62-160, F.A.C.
 2. STABILIZATION CRITERIA FOR RANGE VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3): pH: ± 0.2 units; Temperature: ± 0.2 degrees C; Specific Conductance: ± 5%; Dissolved Oxygen: all readings ≤ 20% saturation (see Table FS 2200-2), optionally, ± .02 mg/L or ± 10% (whichever is greater); Turbidity: all readings ≤ 20 NTU, optionally ± 5 NTU or ± 10% (whichever is greater)



ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD
 875 Central Exp. Dr.
 Orlando, FL 32824
 (407) 826-5314 Fax (407) 851-8345
 1015 Passaic Way
 Cary, NC 27513
 (919) 677-1680 Fax (919) 677-9446

Client Name: Colture Group
Address: 500 N. Michigan Ave.
 City/State: Water Park, FL 32789
Phone: (407) 623-3136
Sample(s) Name, Abbreviation (if any): Nick Miller
Sample ID (Field ID in brackets): [407-623-3136]
Project Number: 19041246-3007
Project Name/Desc: Summer Camp, 2011
PO or Billing info:
Reporting Contact:
Billing Contact:
Facility # (if required):

Item #	Sample ID (Field ID in brackets)	Collection Date	Collection Time	Comp. Code	Maint. (See Codes)	Method (See Codes)	Total # of Containers	Requested Analysis	Requested Turnaround Times
1	1107-01	10/16/06	11:41	G	SW	SW	1	Preservation (See Codes) (Combine as necessary)	Standard
← Total # of Containers									

Requested Turnaround Times:
 Note: Each request subject to compliance w/ the facility
 Standard
 Expedited
 Due: / /
 Lab Worker:

Received By: [Signature] Date/Time: 10/16/06 0900
Received By: [Signature] Date/Time:
Received By: [Signature] Date/Time: 10/16/06 0900
 Collection & Transport Receipt

Accepted: [Signature] Unacceptable: [Signature]

Remarks: SW Surface Water, NW Wetland, A/E/O Other (Add in comments)
 Preservation: SW, NW, A/E/O, S-HSC, MO-MADP, O-Other (Add in comments)
 Note: All samples submitted in ENCO labs are in accordance with the terms and conditions on the reverse of this form, unless otherwise agreed upon.