

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Thursday, November 12, 2009 4:24 PM
To: 'Alin Richardson', Mike Short; Ronnie Pryer
Cc: ronnie@southenv.com, Nash Dowdle
Subject: RE: Kincaid 1724 #111

Alin,

Based on the analytical data from the samples obtained on 11/2/09 at the LCX Kincaid 1724 #111 well site (API:30-015-34248) the request to backfill the drilling pit at this site is approved. Be advised that the backfill material must meet the requirements of 19.15.17 NMAC (the pit rule). Re-vegetation of the site is also subject to requirements of 19.15.17 NMAC.

Please notify the OCD District 2 Office 48 hours prior to commencement of activities.

Approval of this closure request does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment. In addition, approval of this closure does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, please contact me.

Mike Bratcher

NMOC DISTRICT 2
1301 W. GRAND AVE.
ARTESIA, NM 88210
575-748-1283 EX 1108
mike.bratcher@state.nm.us

From: Alin Richardson [mailto:alinr@eeronline.com]
Sent: Wednesday, November 11, 2009 1:59 PM
To: Bratcher, Mike, EMNRD; Mike Short; Ronnie Pryer
Cc: ronnie@southenv.com; Nash Dowdle
Subject:

Mike, Here is the letter you needed Please let me know if you need anything else. Thank you

Alin Richardson

Compadre Roustabouts Manager
Environmental Manager
SML Manager
Office Phone: 570-4315
Cell Phone: 664-1587
Fax: 570-4272
alinr@eeronline.com

This inbound email has been scanned for malicious software and transmitted safely to you using Webroot Email Security.

LCX Energy Resources

110 N. Marienfeld Suite 200

Midland, Tx 79701

Drilling Pit Closure Request

RE: Kincaid 1724 Well no. 111

Unit D, Sec 11, T-17-S, R-24-E

Eddy County, NM

API # 30-015-34248

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Dear Sirs;

After removing and hauling all the drilling mud and affected soil from the old drill pit to the approved Land Farm CRI between Hobbs, NM and Carlsbad, NM. All the Sample areas requested and witnessed by the OCD field representative, and Land Owner Mr. Floyd Steed have been collected and submitted to the OCD office in Artesia, NM. Soil samples show that the walls and bottom hole are now within compliance. We would at this time request that we be allowed to back fill with clean soil and put Closure to this Site.

Thank You, Alin Richardson
Environmental Manager
LAX Energy Resources LP
Endeavor Energy Resources LP
432-664-1587

November 11, 2009

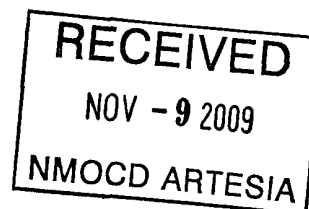


CARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

November 9, 2009

Floyd Steed
P.O. Box 214
Artesia, NM 88211



Re: #111

Enclosed are the results of analyses for sample number H18653, received by the laboratory on 11/05/09 at 8:03 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements.



ANALYTICAL RESULTS FOR
FLOYD STEED
P.O. BOX 214
ARTESIA, NM 88211
FAX TO: (575) 484-3368

Receiving Date: 11/05/08
Reporting Date: 11/06/09
Project Owner: NOT GIVEN
Project Name: #111
Project Location: NOT GIVEN

Analysis Date: 11/06/08
Sampling Date: 11/02/08
Sample Type: SOIL
Sample Condition: INTACT @ 23.5°C
Sample Received By: ck
Analyzed By: HM

LAB NO.	SAMPLE ID	C ⁻ (mg/kg)
H18653-1	NWWWD	672
H18653-2	NWC	1,280
H18653-3	BHC	752
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		< 0.1

4500-CIB

Note: Analyses performed on 1:4 w/v aqueous extracts.

Date _____

H18053 Floyd Steed

PLEASE NOTE **Liability and Damages.** **Cardinal's** liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by **Cardinal** within thirty (30) days after completion of the applicable service. In no event shall **Cardinal** be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by **Cardinal**, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

Page _____ of _____

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages including without limitation business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Floyd Steed Date: 11/5/09 Received By: Chuburne
 Time: 8:03
 Delivered By (Circle One) Temp. Sample Condition
 Sampler - UPS - Bus - Other: 23.5°C Cool Intact Yes Yes CDK
 Phone Result: ☐ No Add'l Phone #: e-mail
 Fax Result: ☐ No Add'l Fax #: Mike bratcher
 REMARKS:

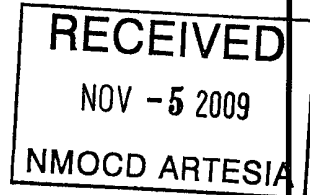
† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

#26

Analytical Report 350604

for

Terracon Consultants, Inc.- Midland



Project Manager: James Mills

Kincaid 1724 # 111

94068156

04-NOV-09



12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):

Texas (T104704215-08-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00308), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):

Florida (E87428), North Carolina (483), South Carolina (98015), Utah (AAL11), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)

Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)

Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-08-TX)

Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-08-TX)

Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370-08-TX)

Xenco-Boca Raton (EPA Lab Code: FL00449): Florida(E86240),

South Carolina(96031001), Louisiana(04154), Georgia(917)



04-NOV-09

Project Manager: **James Mills**
Terracon Consultants, Inc.- Midland
24 Smith Rd #261
Midland, TX 79705

Reference: XENCO Report No: **350604**
Kincaid 1724 # 111
Project Address:

James Mills:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 350604. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 350604 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 350604



Terracon Consultants, Inc.- Midland, Midland, TX
Kincaid 1724 # 111

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
BHC	S	Nov-02-09 08:52	29 - 30 ft	350604-001
NWWD	S	Nov-02-09 08:54	24 - 25 ft	350604-002
NWC	S	Nov-02-09 09:17	24 - 25 ft	350604-003



CASE NARRATIVE

Client Name: Terracon Consultants, Inc.- Midland

Project Name: Kincaid 1724 # 111

Project ID: 94068156

Work Order Number: 350604

Report Date: 04-NOV-09

Date Received: 11/02/2009

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-779931 Percent Moisture

None

Batch: LBA-779949 Inorganic Anions by EPA 300

None



Certificate of Analysis Summary 350604

Terracon Consultants, Inc.- Midland, Midland, TX

Project Name: Kincaid 1724 # 111



Project Id: 94068156

Contact: James Mills

Date Received in Lab: Mon Nov-02-09 02:25 pm

Report Date: 04-NOV-09

Project Location:

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	350604-001	350604-002	350604-003			
	Field Id:	BHC	NWWD	NWC			
	Depth:	29-30 ft	24-25 ft	24-25 ft			
	Matrix:	SOIL	SOIL	SOIL			
	Sampled:	Nov-02-09 08 52	Nov-02-09 08 54	Nov-02-09 09 17			
Anions by E300	Extracted:						
	Analyzed:	Nov-02-09 21 27	Nov-02-09 21 27	Nov-02-09 21 27			
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		517 11 2	1340 27 0	607 11 0			
Percent Moisture	Extracted:						
	Analyzed:	Nov-02-09 17 00	Nov-02-09 17 00	Nov-02-09 17 00			
	Units/RL:	% RL	% RL	% RL			
Percent Moisture		10 5 1 00	7 54 1 00	8 82 1 00			

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi


Brent Barron, II
Odessa Laboratory Manager

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL and above the SQL.
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- BRL** Below Reporting Limit.
- RL** Reporting Limit
- * Outside XENCO's scope of NELAC Accreditation.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Corpus Christi - Midland/Odessa - Tampa - Miami - Latin America

4143 Greenbriar Dr, Stafford, Tx 77477
 9701 Harry Hines Blvd , Dallas, TX 75220
 5332 Blackberry Drive, San Antonio TX 78238
 2505 North Falkenburg Rd, Tampa, FL 33619
 5757 NW 158th St, Miami Lakes, FL 33014
 12600 West I-20 East, Odessa, TX 79765
 842 Cantwell Lane, Corpus Christi, TX 78408

Phone	Fax
(281) 240-4200	(281) 240-4280
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(361) 884-0371	(361) 884-9116



Blank Spike Recovery



Project Name: Kincaid 1724 # 111

Work Order #: 350604

Project ID:

94068156

Lab Batch #: 779949

Sample: 779949-1-BKS

Matrix: Solid

Date Analyzed: 11/02/2009

Date Prepared: 11/02/2009

Analyst: LATCOR

Reporting Units: mg/kg

Batch #: 1

BLANK/BLANK SPIKE RECOVERY STUDY

Anions by E300 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	11 0	11 3	103	75-125	

Blank Spike Recovery [D] = $100 * [C] / [B]$

All results are based on MDL and validated for QC purposes

BRL - Below Reporting Limit



Form 3 - MS Recoveries

Project Name: Kincaid 1724 # 111



Work Order #: 350604

Lab Batch #: 779949

Date Analyzed: 11/02/2009

QC- Sample ID: 350415-004 S

Reporting Units: mg/kg

Date Prepared: 11/02/2009

Batch #: 1

Project ID: 94068156

Analyst: LATCOR

Matrix: Soil

MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	ND	116	118	102	75-125	

Matrix Spike Percent Recovery [D] = $100 \times (C-A)/B$

Relative Percent Difference [E] = $200 \times (C-A)/(C+B)$

All Results are based on MDL and Validated for QC Purposes

BRL - Below Reporting Limit



Sample Duplicate Recovery



Project Name: Kincaid 1724 # 111

Work Order #: 350604

Lab Batch #: 779949

Project ID: 94068156

Date Analyzed: 11/02/2009

Date Prepared: 11/02/2009

Analyst: LATCOR

QC- Sample ID: 350415-004 D

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Anions by E300	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Chloride	ND	5 35	NC	20	

Lab Batch #: 779931

Date Analyzed: 11/02/2009

Date Prepared: 11/02/2009

Analyst: WRU

QC- Sample ID: 350566-001 D

Batch #: 1

Matrix: Soil

Reporting Units: %

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	9 34	8 88	5	20	

Spike Relative Difference $RPD = 200 * |(B-A)/(B+A)|$

All Results are based on MDL and validated for QC purposes

BRL - Below Reporting Limit

Ver. 1.000

Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

Client: Terralon
Date/ Time: 11-2-09 14:25
Lab ID #: 350604
Initials: AL

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>5.0 °C</u>
#2	Shipping container in good condition?	<u>Yes</u>	No	
#3	Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	<u>Not Present</u>
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	<u>Not Present</u>
#5	Chain of Custody present?	<u>Yes</u>	No	
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No	
#7	Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No	
#8	Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont / Lid
#9	Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No	
#11	Containers supplied by ELOT?	<u>Yes</u>	No	
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	See Below
#13	Samples properly preserved?	<u>Yes</u>	No	See Below
#14	Sample bottles intact?	<u>Yes</u>	No	
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No	
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No	
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	See Below
#19	Subcontract of sample(s)?	<u>Yes</u>	No	<u>Not Applicable</u>
#20	VOC samples have zero headspace?	<u>Yes</u>	No	<u>Not Applicable</u>

Variance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken:

- Check all that Apply:
- ☐ See attached e-mail/ fax
 - ☐ Client understands and would like to proceed with analysis
 - ☐ Cooling process had begun shortly after sampling event



ARDINAL LABORATORIES

PHONE (575) 393-2025 • 101 E. MARLAND • HOBBS, NM 88240

September 4, 2009

Alin Richardson
LCX Energy
110 N. Marienfeld, Suite #200
Midland, TX 79701

Re: Kincaid

Enclosed are the results of analyses for sample number H18136, received by the laboratory on 08/31/09 at 12:40 pm.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.2	Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely,

Celey D. Keene
Laboratory Director

This report conforms with NELAP requirements.



FAX TO: (432) 687-2521 & (575) 746-6534

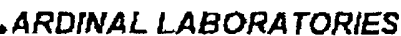
Analysis Date: 09/02/09
Sampling Date: 08/31/09
Sample Type: SOIL
Sample Condition: INTACT @ 22°C
Sample Received By: AB
Analyzed By: AB

METHOD: Standard Methods 4500-Cl-B

Note. Analyses performed on 1:4 w/v aqueous extracts.

Date 09/04/09

PLEASE NOTE: *Liability and Damages.* Cardinal's liability to client is exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analysis. As damages, including those for negligence and any other cause whatsoever that be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client. Its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Remedies maintain only to the companies identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



(575) 393-2326 Fax (575) 393-2476

Page of

DISCLAIMER: Plaintiff's Damages. Confidentiality and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the network. This includes damages for negligence and any other cause whatsoever shall be deemed waived and released in writing and received by Confidential within 30 days after completion of the applicable service. In no event shall Confidential be liable for incidental or consequential damages including without limitation lost profits, lost time, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Confidential, regardless of whether such claims are based upon any of the above stated provisions or otherwise.

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

chlorides

Bratcher, Mike, EMNRD

From: Celey Keene [celey.keene@cardinallabsnm.com]
Sent: Friday, May 29, 2009 2:38 PM
To: Bratcher, Mike, EMNRD
Subject: LCX ENERGY; 1724 KINCAID
Attachments: H17509 LCX pdf

THANK YOU,

Celey Keene
Lab Director
Cardinal Laboratories
101 East Marland
Hobbs, NM 88240
T: (575) 393-2326
F: (575) 393-2476
e-mail: celey.keene@cardinallabsnm.com

This inbound email has been scanned by the MessageLabs Email Security System.



ANALYTICAL RESULTS FOR
LCX ENERGY
ATTN JOHN LOWERY
110 N. MARIENFELD, SUITE #200
MIDLAND, TX 79701
FAX TO: (432) 687-2521 & (575) 746-6534

Analysis Date: 05/29/09
Sampling Date: 05/29/09
Sample Type: SOIL
Sample Condition: INTACT @ 36°C
Sample Received By: ML
Analyzed By: HM

[illegible]

4500-CI-B

Note: Analyses performed on 1:4 w/v aqueous extracts.

Chemist

Date _____

H17509 LCX

PLEASE NOTE: **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

Page ____ of ____

Company Name LCX				BILL TO				ANALYSIS REQUEST											
Project Manager: John Lowry				P.O. #:				<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> Clades </div>											
Address: 110 Marine Field Suite 200				Company:															
City: Modesto State: TX Zip: 79701				Attn: LCX															
Phone #: 432-262-4011 Fax #: 432-687-2521				Address:															
Project #: 111 Project Owner:				City:															
Project Name: 1724 Kindred				State: Zip:															
Project Location: Edley, CO				Phone #:															
Sampler Name: Rich Moore				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		ICIRAB OR (COMP)		# CONTAINERS		MATRIX				PRESERV		SAMPLING					
								GROUNDWATER											
								WASTEWATER											
								SOIL											
								SLUDGE											
								OTHER											
								ACID/BASE											
								ICE/COOL											
								OTHER											
												DATE		TIME					
												5/14/01		8am					
												5/14/01		8am					

PLEASE NOTE: Liability and Damages: Cardinal Laboratory and its clients exclude remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. This limitation shall apply to requests and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages including without limitation business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, or agents, or related to the performance of services hereunder by Cardinal, regardless of whether such claims, based upon any of the above stated reasons, or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice and all costs of collection, including attorney's fees.

Sampler Relinquished: Rich Moore		Date: 5/14/01		Received By: Mike Brasher		Phone Result: <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By: Rich Moore		Time: 9:50am		Date: 5/14/01		Fax Result: <input type="checkbox"/> No		Add'l Fax #:	
Delivered By (Circle One)		Temp		Sample Condition		CHECKED BY (Initials)		REMARKS:	
<input type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other		<input type="checkbox"/> Cool <input type="checkbox"/> Intact		<input type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		FAx # 575 746-6534 Phone - Mike 575 420-1942 E Mail Mike Brasher @ NM.LS.COM	

† Cardinal cannot accept verbal changes Please fax written changes to 575-393-2476.

36°C #26

Bratcher, Mike, EMNRD

From: Alin Richardson [alinr@eeronline.com]
Sent: Monday, April 20, 2009 9 09 AM
To: Bratcher, Mike, EMNRD
Subject: FW: LCX Update
Attachments: 2009_327733_94068156_FINAL.pdf; 94068156-WELL111 F2 .pdf; Photos LCX doc

Alin Richardson

Compadre Roustabouts Manager

Environmental Manager

SML Manager

Office Phone: 570-4315

Cell Phone: 664-1587

Fax: 570-4272

alinr@eeronline.com

From: Mills, James [mailto:sjmills@terracon.com]
Sent: Tuesday, March 24, 2009 8:56 PM
To: Alin Richardson
Cc: McDonald, Clayton Alan; Bole, Barrett W.
Subject: LCX Update

Alin,

Attached are the analytical results, updated site plan, and photos from the most recent soil sampling event at the Kincaid 1724 Well #111. All samples but one were very close to or under 1,000 mg/kg chloride. The sample taken in the central portion of the north wall was 3,280 mg/kg chloride. Let me know if I can further assistance.

Thanks,
James

<<2009_327733_94068156_FINAL pdf>> <<94068156-WELL111 F2 (1).pdf>> <<Photos LCX doc>>

S. James Mills

Project Environmental Scientist

Terracon

24 Smith Road, Suite 261 | Midland, Texas 79705

P 432-684-9600 | F 432-684-9608 | M 806-441-0387

sjmills@terracon.com | www.terracon.com

Terracon provides geotechnical, environmental, construction materials, and facilities consulting engineering services delivered with reliability, responsiveness, convenience, and innovation.

This electronic communication and its attachments are forwarded to you for convenience. If this electronic transmittal contains Design Information or Recommendations and not just general correspondence, Terracon Consultants, Inc., and/or its affiliates ("Terracon") will submit a follow-up hard copy via mail or delivery for your records, and this hard copy will serve as a final record. In the event of conflict between electronic and hard copy documents, the hard copy will govern. This e-mail and any attachments transmitted with it are the property of Terracon and may contain information that is confidential or otherwise protected from disclosure. The information it contains is intended solely for the use of the one to whom it is addressed, and any other recipient should destroy all copies.

This email has been scanned by the MessageLabs Email Security System.
For more information please visit <http://www.messagelabs.com/email>

Have a great day!

This inbound email has been scanned by the MessageLabs Email Security System.

Analytical Report 327733

for

Terracon Consultants, Inc.- Midland

Project Manager: James Mills

Kincaid 1724 # 111

94068156

20-MAR-09



12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:

Houston, TX T104704215-08B-TX - Odessa/Midland, TX T104704400-08-TX

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Miramar, FL E86349

Norcross(Atlanta), GA E87429

South Carolina certification numbers:

Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Tampa - Miami - Latin America

Midland - Corpus Christi - Atlanta



20-MAR-09

Project Manager: **James Mills**
Terracon Consultants, Inc.- Midland
24 Smith Rd #261
Midland, TX 79705

Reference XENCO Report No **327733**
Kincaid 1724 # 111
Project Address

James Mills:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 327733. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 327733 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc)

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 327733



Terracon Consultants, Inc.- Midland, Midland, TX

Kincaid 1724 # 111

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SW-1	S	Mar-16-09 10 13		327733-001
SW-2	S	Mar-16-09 10 17		327733-002
SW-3	S	Mar-16-09 10 21		327733-003
WW-4	S	Mar-16-09 10 24		327733-004
WW-5	S	Mar-16-09 10 26		327733-005
WW-6	S	Mar-16-09 10 27		327733-006
NW-7	S	Mar-16-09 10 29		327733-007
NW-8	S	Mar-16-09 10 34		327733-008
NW-9	S	Mar-16-09 10 36		327733-009



Certificate of Analysis Summary 327733

Terracon Consultants, Inc.- Midland, Midland, TX

Project Name: Kincaid 1724 # 111



Project Id: 94068156

Contact: James Mills

Project Location:

Date Received in Lab. Tue Mar-17-09 04 45 pm


Report Date. 20-MAR-09

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	327733-001	327733-002	327733-003	327733-004	327733-005	327733-006
	Field Id:	SW-1	SW-2	SW-3	WW-4	WW-5	WW-6
	Depth:						
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Sampled:	Mar-16-09 10 13	Mar-16-09 10 17	Mar-16-09 10 21	Mar-16-09 10 24	Mar-16-09 10 26	Mar-16-09 10 27
Anions by EPA 300	Extracted:	Mar-18-09 09 22	Mar-18-09 09 22	Mar-18-09 09 22	Mar-18-09 09 22	Mar-18-09 09 22	Mar-18-09 09 22
	Analyzed:						
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		1020 25 0	26 1 5 00	211 10 0	47 1 5 00	197 10 0	330 10 0
Percent Moisture	Extracted:	Mar-18-09 13 30	Mar-18-09 13 30	Mar-18-09 13 30	Mar-18-09 13 30	Mar-18-09 13 30	Mar-18-09 13 30
	Analyzed:						
	Units/RL:	% RL	% RL	% RL	% RL	% RL	% RL
Percent Moisture		23 31 1 00	15 29 1 00	2 21 1 00	2 56 1 00	9 90 1 00	7 50 1 00

This analytical report and the entire data package it represents has been made for your exclusive and confidential use.
The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories.
XENCO Laboratories assumes no responsibility and makes no warranty to the end user of the data hereby presented.
Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi


Brent Barron
Odessa Laboratory Director



Certificate of Analysis Summary 327733

Terracon Consultants, Inc.- Midland, Midland, TX

Project Name: Kincaid 1724 # 111



Project Id: 94068156

Contact: James Mills

Project Location:

Date Received in Lab: Tue Mar-17-09 04 45 pm


Report Date: 20-MAR-09

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id</i>	327733-007	327733-008	327733-009			
	<i>Field Id</i>	NW-7	NW-8	NW-9			
	<i>Depth</i>						
	<i>Matrix</i>	SOIL	SOIL	SOIL			
	<i>Sampled</i>	Mar-16-09 10 29	Mar-16-09 10 34	Mar-16-09 10 36			
Anions by EPA 300	<i>Extracted</i>						
	<i>Analyzed</i>	Mar-18-09 09 22	Mar-18-09 09 22	Mar-18-09 09 22			
	<i>Units/RL</i>	mg/kg RL	mg/kg RL	mg/kg RL			
Chloride		314 10 0	3280 50 0	1060 20 0			
Percent Moisture	<i>Extracted</i>						
	<i>Analyzed</i>	Mar-18-09 13 30	Mar-18-09 13 30	Mar-18-09 13 30			
	<i>Units/RL</i>	% RL	% RL	% RL			
Percent Moisture		2 96 1 00	ND 1 00	1 22 1 00			

This analytical report and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end user of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi


Brent Barron
Odessa Laboratory Director



Flagging Criteria



- X** In our quality control review of the data a QC deficiency was observed and flagged as noted MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank Its presence indicates possible field or laboratory contamination
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference Dilution factors are included in the final results The result is from a diluted sample
- E** The data exceeds the upper calibration limit, therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits
- J** The target analyte was positively identified below the MQL and above the SQL
- U** Analyte was not detected
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.
- * Outside XENCO's scope of NELAC Accreditation.

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Corpus Christi - Midland/Odessa - Tampa - Miami - Latin America

4143 Greenbriar Dr, Stafford, Tx 77477
9701 Harry Hines Blvd , Dallas, TX 75220
5332 Blackberry Drive, San Antonio TX 78238
2505 North Falkenburg Rd, Tampa, FL 33619
5757 NW 158th St. Miami Lakes, FL 33014
12600 West I-20 East, Odessa, TX 79765
842 Cantwell Lane, Corpus Christi, TX 78408

Phone	Fax
(281) 240-4200	(281) 240-4280
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(432) 563-1800	(432) 563-1713
(361) 884-0371	(361) 884-9116



Blank Spike Recovery



Project Name: Kincaid 1724 # 111

Work Order #: 327733

Project ID:

94068156

Lab Batch #: 752930

Sample: 752930-1-BKS

Matrix: Solid

Date Analyzed: 03/18/2009

Date Prepared: 03/18/2009

Analyst: LATCOR

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Anions by EPA 300 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	10.0	11.0	110	90-110	

Blank Spike Recovery [D] = $100 * [C] / [B]$

All results are based on MDL and validated for QC purposes.



Form 3 - MS Recoveries

Project Name: Kincaid 1724 # 111



Work Order #: 327733

Lab Batch #: 752930

Date Analyzed: 03/18/2009

QC- Sample ID: 327733-001 S

Reporting Units: mg/kg

Project ID: 94068156

Analyst: LATCOR

Date Prepared: 03/18/2009

Batch #: 1

Matrix: Soil

MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	1020	500	1560	108	80-120	

Matrix Spike Percent Recovery [D] = $100 \cdot (C-A)/B$
Relative Percent Difference [E] = $200 \cdot (C-A)/(C+B)$
All Results are based on MDL and Validated for QC Purposes



Sample Duplicate Recovery



Project Name: Kincaid 1724 # 111

Work Order #: 327733

Lab Batch #: 752930

Date Analyzed: 03/18/2009

QC- Sample ID: 327733-001 D

Reporting Units: mg/kg

Project ID: 94068156

Analyst: LATCOR

Batch #: 1

Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Anions by EPA 300	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Chloride	1020	1010	1	20	

Lab Batch #: 752993

Date Analyzed: 03/18/2009

QC- Sample ID: 327733-001 D

Reporting Units: %

Date Prepared: 03/18/2009

Analyst: BEV

Batch #: 1

Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Percent Moisture	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Percent Moisture	23.3	24.0	3	20	

Spike Relative Difference $RPD = 200 * |(B-A)/(B+A)|$

All Results are based on MDL and validated for QC purposes

ENVIRONMENTAL, GEOTECHNICAL AND CONSTRUCTION MATERIALS SERVICES															CHAIN OF CUSTODY/RECORD									
Terracon Consulting Engineers & Scientists Office Location <u>Midland, TX</u> Project Manager <u>Clay McDonald</u> Sampler's Name <u>James Mills</u> Project No. <u>94068156</u> Project Name <u>Kincaid 1724 #111</u> No. Type of Containers <u>402/20</u>										Laboratory <u>Xenco</u> Address _____ Contact _____ Phone _____ PO/SO # _____ ANALYSIS REQUESTED _____					Lab use only Due Date _____ Temp. of coolers when received (C°) _____ Page <u>1</u> of <u>1</u>									
Matrix	Date	Time	Container	Identifying Marks of Sample(s)	Start Depth	End Depth	VOL	AVG 11L	250 ml	PRO	Lab Sample ID (Lab Use Only)													
	3-16-09	10:13	✓	SW-1						1	X	2277-22-61												
		10:17	✓	SW-2						1	X	02												
		10:21	✓	SW-3						1	X	02												
		10:24	✓	SW-4						1	X	02												
		10:26	✓	SW-5						1	X	02												
		10:27	✓	SW-6						2	X	02												
		10:29	✓	SW-7						2	X	02												
		10:34	✓	SW-8						2	X	02												
		10:36	✓	SW-9						2	X	02												
Turn around time <input checked="" type="checkbox"/> Normal <input type="checkbox"/> 25% Rush <input type="checkbox"/> 50% Rush <input type="checkbox"/> 100% Rush Relinquished by (Signature) <u>James Mills</u> Date <u>3-17-09</u> Time <u>13:49</u> Received by (Signature) <u>Ben Prater</u> Date <u>3-17-09</u> Time <u>1:49</u> Relinquished by (Signature) <u>Ben Prater</u> Date <u>3-17-09</u> Time <u>1:49</u> Received by (Signature) _____ Date _____ Time _____ Relinquished by (Signature) _____ Date _____ Time _____ Received by (Signature) _____ Date _____ Time _____ Relinquished by (Signature) _____ Date _____ Time _____ Received by (Signature) _____ Date <u>3-17-09</u> Time <u>4:45</u> Matrix: WW - Wastewater, W - Water, S - Soil, SD - Solid, L - Liquid, A - Air Bag, C - Charcoal tube, SL - sludge, O - Oil Container: VOA - 40 ml via, A/G - Amber / Or Glass 1 Liter, 250 ml Glass wide mouth, P/O - Plastic or other																								
Houston Office 11555 Clay Road, Suite 100 Houston, Texas 77043 (713) 450-8949 Fax (713) 670-6787					Dallas Office 8901 Carpenter Freeway, Suite 100 Dallas, Texas 75247 (214) 670-1010 Fax (214) 670-7070					Fort Worth Office 2601 Gravel Drive Fort Worth, Texas 76116 (817) 268-8650 Fax (817) 368-8603					Austin Office 5307 Industrial Oaks Blvd # 160 Austin, Texas 78735 (512) 412-1122 Fax (512) 342-1151					Midland Office 21 Spruce Rd # 261 Midland, Texas 79705 (432) 661-3900 Fax (432) 664-9605				

NOTES:
Results to smills@terracon.com

will be sealed

Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

Client Terrion
Date/ Time 3/17/07 10:45
Lab ID # 37733
Initials AL

Sample Receipt Checklist

			Client Initials	
#1	Temperature of container/ cooler?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	1.5	°C
#2	Shipping container in good condition?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
#3	Custody Seal's intact on shipping container/ cooler?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Not Present	
#4	Custody Seal's intact on sample bottles/ container?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Not Present	
#5	Chain of Custody present?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
#6	Sample instructions complete of Chain of Custody?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
#7	Chain of Custody signed when relinquished/ received?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
#8	Chain of Custody agrees with sample label(s)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	ID written on Cont / Lid	
#9	Container label(s) legible and intact?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
#11	Containers supplied by ELOT?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
#12	Samples in proper container/ bottle?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	See Below	
#13	Samples properly preserved?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	See Below	
#14	Sample bottles intact?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
#15	Preservations documented on Chain of Custody?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
#16	Containers documented on Chain of Custody?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		
#17	Sufficient sample amount for indicated test(s)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	See Below	
#18	All samples received within sufficient hold time?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	See Below	
#19	Subcontract of sample(s)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Not Applicable	
#20	VOC samples have zero headspace?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Not Applicable	

Variance Documentation

Contact _____ Contacted by _____ Date/ Time: _____

Regarding _____

Corrective Action Taken

- Check all that Apply
- ☐ See attached e-mail/ fax
 - ☐ Client understands and would like to proceed with analysis
 - ☐ Cooling process had begun shortly after sampling event

Gracie Avalos

From: Mills, James [sjmills@terracon.com]
Sent: Thursday, March 19, 2009 11:42 AM
To: Gracie Avalos
Subject: RE: WO 327733 / Kincaid 1724 #111

I made an error on the doc. The samples should be labeled as follows:

SW-1
SW-2
SW-3
WW-4
WW-5
WW-6
NW-7
NW-8
NW-9

Can you please make that labeling change?

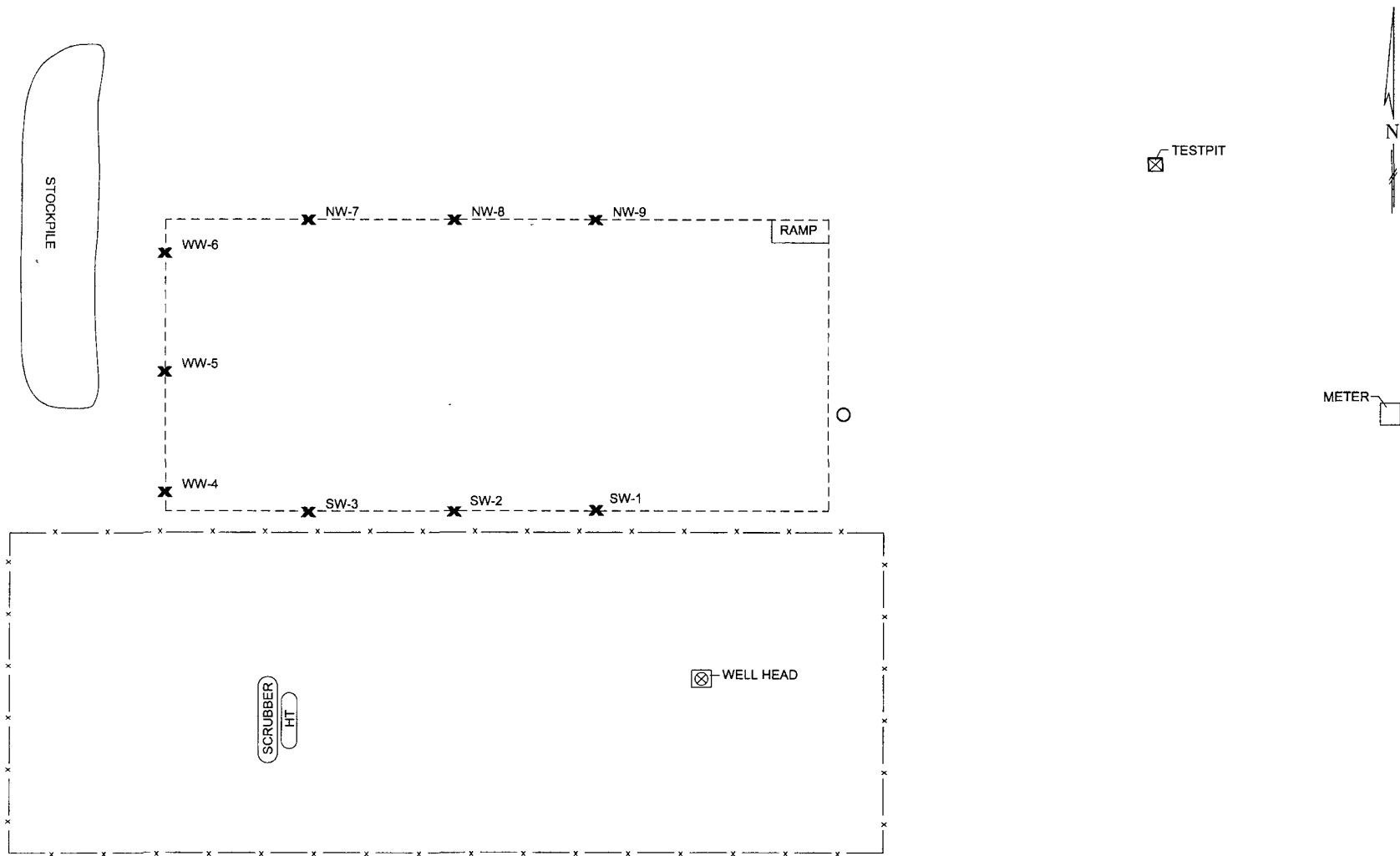
Thanks
James

S. James Mills
Project Environmental Scientist
Terracon
24 Smith Road, Suite 261
Midland, Texas 79705
P 432-684-9600
F 432-684-9608
M 806-441-0387
sjmills@terracon.com

-----Original Message-----

From: Gracie Avalos <gracie_avalos@xenco.com>
Sent: Thursday, March 19, 2009 10:30 AM
To: sjmills@terracon.com <sjmills@terracon.com>
Subject: RE: WO 327733 / Kincaid 1724 #111

Gracie Avalos
Project Assistant
Xenco Labs - Odessa
432-563-1800 Office



THIS DRAWING SHOULD
NOT BE USED SEPARATELY
FROM ORIGINAL REPORT

0 20 40 FEET
APPROXIMATE SCALE

LCX ENERGY
KINCAID 1724 WELL #111
ARTESIA, EDDY COUNTY, NEW MEXICO

Terracon Project No.: 94068156

FIGURE 2: SITE PLAN

LCX Energy Kincaid 1724 Well # 111
Terracon Project No. 94068156
Date Photos Taken: March 16, 2009

Terracon

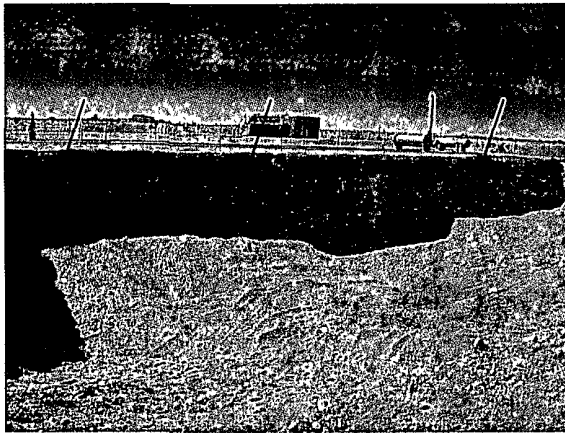


Photo #1 Looking at the sample location on the south wall of the excavation.

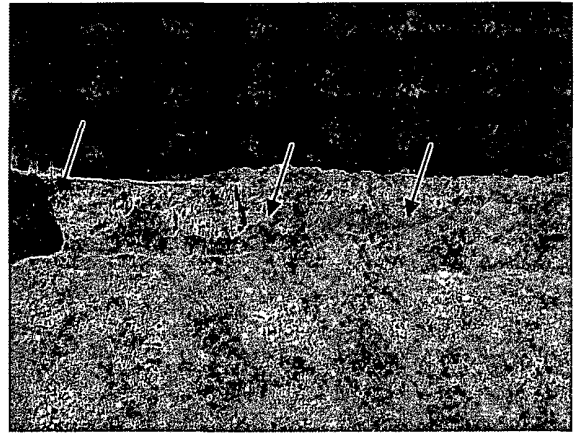


Photo #2 Looking at the sample location on the west wall of the excavation

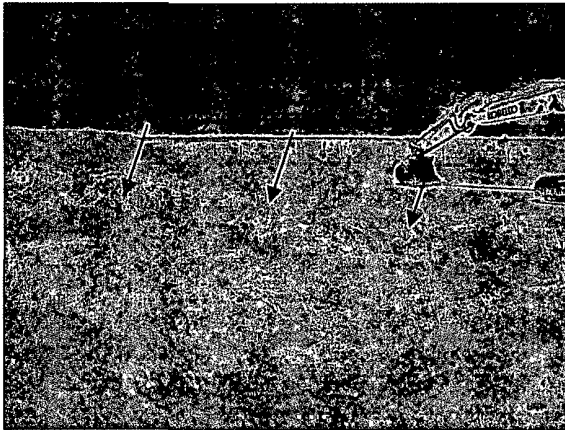


Photo #3 Looking at the sample location on the north wall of the excavation.

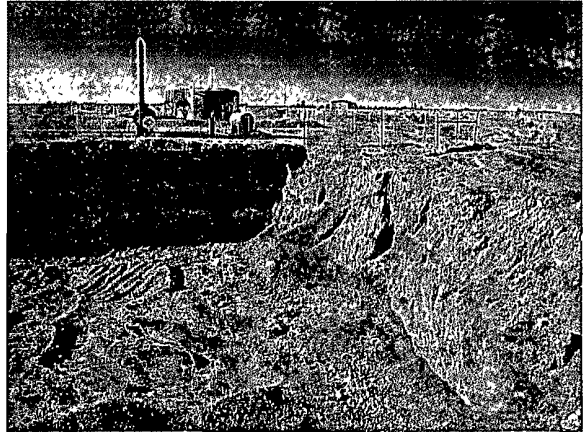


Photo #4 Looking south at the western portion of the excavation.

Bratcher, Mike, EMNRD

From: Celey Keene [celey.keene@cardinallabsnm.com]
Sent: Saturday, February 28, 2009 12:29 PM
To: Bratcher, Mike, EMNRD
Subject: LCX ENERGY: KINCAID WELL #111
Attachments: H16987 LCX.pdf

THANK YOU,

Celey Keene
Lab Director
Cardinal Laboratories
101 East Marland
Hobbs, NM 88240
T: (575) 393-2326
F: (575) 393-2476
e-mail: celey.keene@cardinallabsnm.com

This inbound email has been scanned by the MessageLabs Email Security System.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

LCX ENERGY

ATTN: JOHN LOWERY

110 N. MARIENFELD, SUITE #200

MIDLAND, TX 79701

FAX TO: (575) 746-6534 & (432) 687-2521

Receiving Date: 02/27/09

Reporting Date: 02/27/09

Project Number: 1724

Project Name: KINCAID WELL #111

Project Location: EDDY CO.

Analysis Date: 02/27/09

Sampling Date: 02/27/09

Sample Type: SOIL

Sample Condition: INTACT

Sample Received By: ML

Analyzed By: HM

[illegible]

METHOD: Standard Methods

4500-CI-B

Note: Analysis performed on a 1:4 w:v aqueous extract.

Allyl Keane
Chemist

Date 02/28/09

H16987 LCX

PLEASE NOTE. **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Result relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

Page ____ of ____

Company Name: L C X Project Manager: JOHN Lowery Address: 110 MARINE FIELD, SUITE # 200 City: Marland State: TX Zip: 79201 Phone #: (432) 262-4011 Fax #: (432) 682-2521 Project #: 1724 Project Owner: Project Name: Kincaid well # 111 Project Location: Eddy, Co Sampler Name: John Lowery Lady Ward				BILL TO P.O. #: Company: L C X Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST																					
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:					PRESERV ACIDBASE ICE / COOL OTHER:		SAMPLING DATE TIME		Chlorides											
		H16987-1		West Well			X					X		FEB/27 8:15 AM													

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. No claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice and all costs of collections, including attorney's fees.

Sampler Relinquished: Date: _____ Time: _____		Received By: Date: _____ Time: _____		Phone Result: <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> No Add'l Fax #: _____	
Relinquished By: Date: 2-27-09 Time: 1:05 Delivered By: (Circle One) Sampler - UPS - Bus - Other.		Received By: Date: _____ Time: _____ Temp. _____ Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		CHECKED BY: (Initials) MCRAB	
REMARKS Phone # 575-420-1942 575-910-6120 FAX # 575-746-6534 Email Mike Bratcher@STATE.NM.US					

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

FAX TO: (432) 687-2521 & (575) 746-6534

Project Location: EDDY

Analyzed By: HM

4500-CI-B

Note: Analyses performed on 1:4 w/v aqueous extracts.

Chemist

Date _____

H16624 LCX

PLEASE NOTE **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



CARDINAL LABORATORIES

101 East Mariand, Hobbs, NM 88240

(575) 393-2326 Fax (575) 393-2476

Page ____ of ____

Company Name: LCX ENERGY				BILL TO				ANALYSIS REQUEST											
Project Manager: JOHN LOWERY				P.O. #:				<div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 2em; font-weight: bold;">CLONES</div>											
Address: 110 N MARINE FIELD ST #200				Company:															
City: Midland State: TX Zip: 79701				Attn: LCX															
Phone #: (432) 262-4011 Fax #: (432) 687-2521				Address:															
Project #: 111 Project Owner: LCX				City:															
Project Name: Kinland				State: Zip:															
Project Location: Eddy				Phone #:															
Sampler Name: X				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		GRAB OR COMP		CONTAINERS		MATRIX		PRESERV		SAMPLING							
								GROUNDWATER											
								WASTEWATER											
								SOIL											
								OIL											
								SLUDGE											
								OTHER											
								ACIDBASE											
								ICE/COOL											
								OTHER											
										DATE		TIME							
1416624-1		WWS		X				X				7/2/09		12:00					
-2		SWC		X				X				7/2/09		12:10					

PLEASE NOTE: Liability and Damages: Cardinal's liability and Client's exclusive remedy for any claim arising hereunder shall be limited to the amount paid by the client for the charges and amounts collected for reagents and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In the event that Cardinal is liable for incidental or consequential damages including without limitation, business interruptions, loss of use, or loss of profits incurred by client its subsidiaries or affiliates, the amount of such damages shall be limited to the amount of the fee for the applicable service. Cardinal's liability shall be based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice and all costs of collections, including attorney's fees.

Sampler Relinquished By: X John Lowery		Date: 7-2-09	Received By: [Signature]	Phone Result: <input type="checkbox"/>	No	Add'l Phone #:
Relinquished By: _____		Time: 2:18	Received By: _____	Fax Result: <input type="checkbox"/>	No	Add'l Fax #:
Delivered By: (Circle One) UPS		Temp. _____	Sample Condition: Cool Intact	REMARKS: 111 Kinland SWC 7/2/09 12:10		
Sampler - UPS - Bus - Other: _____			Checked By: [Signature]			

Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

Analytical Report 315508

for

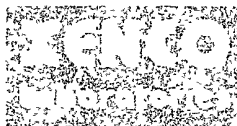
Terracon Consultants, Inc.- Midland

Project Manager: Clay McDonald

Kincaid 1724 # 111

94068156

27-OCT-08



E84880

12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:

Houston, TX T104704215 - Odessa/Midland, TX T104704215-08-TX

Florida certification numbers:

**Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429**

South Carolina certification numbers:

Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

**Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta**



27-OCT-08

Project Manager: **Clay McDonald**
Terracon Consultants, Inc.- Midland
24 Smith Rd #261
Midland, TX 79705

Reference: XENCO Report No: **315508**
Kincaid 1724 # 111
Project Address:

Clay McDonald:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 315508. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 315508 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II

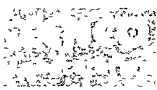
Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



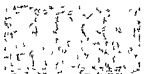
Sample Cross Reference 315508

nel c

Terracon Consultants, Inc.- Midland, Midland, TX

Kincaid 1724 # 111

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Test Pit	S	Oct-22-08 08:22		315508-001
WWS 8'	S	Oct-22-08 08:33		315508-002
WWC 9'	S	Oct-22-08 08:38		315508-003
SWC 8'	S	Oct-22-08 08:48		315508-004



Certificate of Analysis Summary 315508

Terracon Consultants, Inc.- Midland, Midland, TX

Project Name: Kincaid 1724 # 111

nel c

Project Id: 94068156

Contact: Clay McDonald

Date Received in Lab: Thu Oct-23-08 11:20 am

Report Date: 27-OCT-08

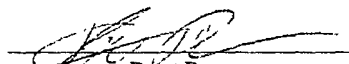
Project Location:

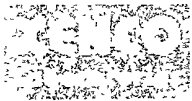
Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	315508-001	315508-002	315508-003	315508-004		
	Field Id:	Test Pit	WWS 8'	WWC 9'	SWC 8'		
	Depth:						
	Matrix:	SOIL	SOIL	SOIL	SOIL		
Anions by EPA 300/300.1	Sampled:	Oct-22-08 08 22	Oct-22-08 08:33	Oct-22-08 08 38	Oct-22-08 08 48		
	Extracted:						
	Analyzed:	Oct-24-08 04.07	Oct-24-08 04:07	Oct-24-08 04.07	Oct-24-08 04.07		
	Units/RL:	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL		
Chloride		ND 10 0	764 25 0	158 10 0	10000 200		

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi


Brent Barron
Odessa Laboratory Director



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
- B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- F** RPD exceeded lab control limits.
- J** The target analyte was positively identified below the MQL(PQL) and above the SQL(MDL).
- U** Analyte was not detected.
- L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K** Sample analyzed outside of recommended hold time.
- *** Outside XENCO'S scope of NELAC Accreditation

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
9701 Harry Hines Blvd , Dallas, TX 75220
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238
2505 N Falkenburg Rd., Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014
6017 Financial Dr , Norcross, GA 30071

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(770) 449-8800	(770) 449-5477

Blank Spike Recovery

nel c

Project Name: Kincaid 1724 # 111

Work Order #: 315508

Project ID:

94068156

Lab Batch #: 738181

Sample: 738181-1-BKS

Matrix: Solid

Date Analyzed: 10/24/2008

Date Prepared: 10/24/2008

Analyst: LATCOR

Reporting Units: mg/kg

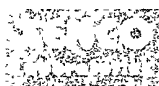
Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Anions by EPA 300/300.1 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	10.0	8.77	88	75-125	

Blank Spike Recovery [D] = $100 * [C] / [B]$

All results are based on MDL and validated for QC purposes.



Form 3 - MS Recoveries

Project Name: Kincaid 1724 # 111

nel c

Work Order #: 315508

Lab Batch #: 738181

Project ID: 94068156

Date Analyzed: 10/24/2008

Date Prepared: 10/24/2008

Analyst: LATCOR

QC- Sample ID: 315421-016 S

Batch #: 1

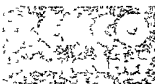
Matrix: Soil

Reporting Units: mg/kg

MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300 Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Chloride	37.3	102	154	114	75-125	

Matrix Spike Percent Recovery [D] = $100 \cdot (C-A)/B$
Relative Percent Difference [E] = $200 \cdot (C-A)/(C+B)$
All Results are based on MDL and Validated for QC Purposes



Sample Duplicate Recovery

nel c

Project Name: Kincaid 1724 # 111

Work Order #: 315508

Lab Batch #: 738181

Date Analyzed: 10/24/2008

QC- Sample ID: 315421-016 D

Reporting Units: mg/kg

Project ID: 94068156

Analyst: LATCOR

Batch #: 1

Matrix: Soil

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Anions by EPA 300/300.1	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Chloride	37.3	34.2	9	20	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$
All Results are based on MDL and validated for QC purposes.

ENVIRONMENTAL, GEOTECHNICAL AND CONSTRUCTION MATERIALS SERVICES

CHAIN OF CUSTODY RECORD

Terracon Consulting Engineers & Scientists Office Location: <u>Midland, TX</u>		Laboratory: <u>XenLO</u> Address: <u>12600 West I-20</u> <u>East, Odessa, TX 79765</u> Contact: _____ Phone: _____ PO/ISO #: <u>940 68156</u>		ANALYSIS REQUESTED <u>Chlorides (EPA 300)</u>		Lab use only Due Date: _____ Temp of coolers when received (C°): <u>20</u> Page <u>1</u> of <u>1</u>								
		Project Manager: <u>Clay McDonald</u> Sampler's Name: <u>Jamie Mills</u> Project No.: <u>94068156</u> Project Name: <u>Kincaid 1724 #111</u> No/Type of Containers: <u>402 glass</u>		Sampler's Signature: <u>Jamie Mills</u> Lab Sample ID (Lab Use Only):										
Matrix	Date	Time	Start Depth	End Depth	VOA	AO TL	250 ml	PHO	Identifying Marks of Sample(s)	Lab Sample ID (Lab Use Only)				
S	10/22/08	8:22	X						Tert Pit	315508-01				
S	10/22/08	8:33	X						WNS 8'	-02				
S	10/22/08	8:38	X						WNC 9'	-03				
S	10/22/08	8:48	X						SWC 8'	-04				
Turn around time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> 25% Rush <input type="checkbox"/> 50% Rush <input type="checkbox"/> 100% Rush <u>5 day TAT</u>														
Relinquished by (Signature): <u>Jamie Mills</u>		Date: <u>10/23/08</u>		Time: <u>9:15</u>		Received by (Signature): _____		Date: <u>10/23/08</u>		Time: <u>0915</u>				
Relinquished by (Signature): _____		Date: <u>10/23/08</u>		Time: <u>11:20</u>		Received by (Signature): _____		Date: _____		Time: _____				
Relinquished by (Signature): _____		Date: _____		Time: _____		Received by (Signature): _____		Date: _____		Time: _____				
Relinquished by (Signature): _____		Date: _____		Time: _____		Received by (Signature): <u>Andrea Lam</u>		Date: <u>10/23/08</u>		Time: <u>11:20</u>				
Matrix: WW - Wastewater W - Water S - Soil SD - Solid L - Liquid A - Air Bag C - Charcoal tube BL - sludge O - Oil Container: VOA - 40 ml vial AVG - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other														
Houston Office 11555 Clay Road, Suite 100 Houston, Texas 77043 (713) 690-8989 Fax: (713) 690-4787			Dallas Office 8901 Carpenter Freeway, Suite 100 Dallas, Texas 75247 (214) 630-1010 Fax: (214) 630-1070			Fort Worth Office 2601 Owell Drive Fort Worth, Texas 76118 (817) 268-8600 Fax: (817) 268-8602			Austin Office 5307 Industrial Oaks Blvd. # 160 Austin, Texas 78735 (512) 442-1122 Fax: (512) 442-1181			Midland Office 24 Smith Rd. # 261 Midland, Texas 79705 (432) 684-9620 Fax: (432) 684-9608		

NOTES:
 Results to:
 CAMcDonald@terracon.com
 SJmills@terracon.com
 w/labels & results

Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

Client Terracon
Date/ Time 10-23-08 120
Lab ID # 315508
Initials CL

Sample Receipt Checklist

				Client Initials	
#1	Temperature of container/ cooler?	<u>Yes</u>	No	<u>40</u>	°C
#2	Shipping container in good condition?	<u>Yes</u>	No		
#3	Custody Seals intact on shipping container/ cooler?	<u>Yes</u>	No	<u>Not Present</u>	
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	<u>Not Present</u>	
#5	Chain of Custody present?	<u>Yes</u>	No		
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No		
#7	Chain of Custody signed when relinquished/ received?	<u>Yes</u>	No		
#8	Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont / Lid	
#9	Container label(s) legible and intact?	<u>Yes</u>	No	<u>Not Applicable</u>	
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No		
#11	Containers supplied by ELOD?	<u>Yes</u>	No		
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	<u>See Below</u>	
#13	Samples properly preserved?	<u>Yes</u>	No	<u>See Below</u>	
#14	Sample bottles intact?	<u>Yes</u>	No		
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No		
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No		
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	<u>See Below</u>	
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	<u>See Below</u>	
#19	Subcontract of sample(s)?	<u>Yes</u>	No	<u>Not Applicable</u>	
#20	VOC samples have zero headspace?	<u>Yes</u>	No	<u>Not Applicable</u>	

Variance Documentation

Contact _____ Contacted by _____ Date/ Time _____

Regarding _____

Corrective Action Taken

Check all that Apply

- ☐ See attached e-mail/ fax
☐ Client understands and would like to proceed with analysis
☐ Cooling process had begun shortly after sampling event

**CARDINAL**
LABORATORIES*TO Mike Bratcher*
From Floyd Steed

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
FLOYD STEED
P.O. BOX 214
ARTESIA, NM 88211
FAX TO: (575) 484-3368Receiving Date: 10/22/08
Reporting Date: 10/23/08
Project Owner: NOT GIVEN
Project Name: NOT GIVEN
Project Location: NOT GIVENAnalysis Date: 10/23/08
Sampling Date: 10/22/08
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: ML
Analyzed By: HM

LAB NO.	SAMPLE ID	Cl ⁻ (mg/kg)
H16166-1	NWS 8'	1,470
H16166-2	WWC 9'	15,600
H16166-3	TEST PIT	64
H16166-4	SWC 8'	208
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		2.0

METHOD Standard Methods 4500-Cl⁻B

Note: Analyses performed on 1:4 w:v aqueous extracts.

F. Steed
Chemist*10-24-08*
Date

H16166 FLOYD STEED

PLEASE NOTE Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages including without limitation business interruptions, loss of use or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



ARDINAL LABORATORIES

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR

FLOYD STEED

P.O. BOX 214

ARTESIA, NM 88211

FAX TO: (918) 591-7727

Receiving Date: 06/19/08

Reporting Date: 06/19/08

Project Owner: NOT GIVEN

Project Name: NOT GIVEN

Project Location: NOT GIVEN

Analysis Date: 06/19/08

Sampling Date: 06/19/08

Sample Type: SOIL

Sample Condition: INTACT

Sample Received By: ML

Analyzed By: KS

LAB NO.	SAMPLE ID	Cl ⁻ (mg/kg)
H15018-1	SOUTH WALL WEST	1,170
H15018-2	SOUTH WALL	176
H15018-3	EAST SIDE	5,200
H15018-4	SE CORNER	2,080
Quality Control		490
True Value QC		500
% Recovery		98.0
Relative Percent Difference		2.0

METHOD: Standard Methods

4500-CIB

Note: Analyses performed on 1:4 w/v aqueous extracts.

Kristen S. [Signature]
Chemist

06/20/08
Date

H15018 FLOYD STEED

PLEASE NOTE **Liability and Damages.** Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2326 FAX (505) 393-2476 (325) 673-7001 FAX (325) 673-7020

Company Name:				BILL TO				ANALYSIS REQUEST																			
Project Manager: <u>FLOYD STEED</u>				P.O. #:																							
Address: <u>PO Box 214</u>				Company:																							
City: <u>ARTESIA</u> State: <u>NM</u> Zip: <u>88211</u>				Attn:																							
Phone #: <u>575-573-1687</u> Fax #: <u>918-541-7727</u>				Address:																							
Project #:				City:																							
Project Owner:				State: Zip:																							
Project Name:				Phone #:																							
Project Location:				Fax #:																							
Sampler Name:																											
FOR LAB USE ONLY				MATRIX				PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	GIRAB OR (COMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME													
H15018-1	SouthWall West	9	1			✓							u/19/08		XXXX												
-2	SouthWall	1	1			✓							L		XXXX												
-3	East side	1	1			✓																					
-4	SE Corner	1	1			✓																					

PLEASE NOTE: Liability and Damages: Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Floyd Steed</u>		Date: <u>6-19-08</u>	Received By: <u>Misty LeBut</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Time: <u>12:00</u>					Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:		REMARKS:	
Time:					call w/ results 513-1687	
Delivered By: (Circle One)			Sample Condition		CHECKED BY:	
Sampler - UPS - Bus - Other:			Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		(Initials) <u>MCAB</u>	

*KASAP

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Analytical Report 306200

for

Terracon Consultants, Inc.- Midland

Project Manager: Clay McDonald

Kincaid 1724 # 111

94068156

20-JUN-08



12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:

Houston, TX T104704215

Florida certification numbers:

Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675

Norcross(Atlanta), GA E87429

South Carolina certification numbers:

Norcross(Atlanta), GA 98015

North Carolina certification numbers:

Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America

Midland - Corpus Christi - Atlanta



20-JUN-08

Project Manager: **Clay McDonald**
Terracon Consultants, Inc.- Midland
24 Smith Rd #261
Midland, TX 79705

Reference: XENCO Report No: **306200**
Kincaid 1724 # 111
Project Address: Artesia, NM

Clay McDonald:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 306200. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 306200 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

A handwritten signature in black ink, appearing to read "Brent Barron, II". The signature is fluid and cursive, with a long horizontal line extending to the right.

Brent Barron, II

Odessa Laboratory Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America



Sample Cross Reference 306200



Terracon Consultants, Inc.- Midland, Midland, TX

Kincaid 1724 # 111

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SS-1 9.5' bgs	S	Jun-19-08 07:45	3 - 9.5	306200-001
SS-2 10' bgs	S	Jun-19-08 08:05	3 - 10	306200-002
SS-3 5.5' bgs	S	Jun-19-08 08:15	5.5 - 5.5	306200-003
SW-1	S	Jun-19-08 08:40		306200-004
WW-1	S	Jun-19-08 08:35		306200-005
WW-2	S	Jun-19-08 08:30		306200-006
SP-1	S	Jun-19-08 08:45		306200-007



Certificate of Analysis Summary 306200

Terracon Consultants, Inc.- Midland, Midland, TX

Project Name: Kincaid 1724 # 111

Project Id: 94068156

Contact: Clay McDonald

Project Location: Artesia, NM

Date Received in Lab: Thu Jun-19-08 01 35 pm


Report Date: 20-JUN-08

Project Manager: Brent Barron, II

<i>Analysis Requested</i>	<i>Lab Id:</i>	306200-001	306200-002	306200-003	306200-004	306200-005	306200-006
	<i>Field Id:</i>	SS-1 9 5' bgs	SS-2 10' bgs	SS-3 5 5' bgs	SW-1	WW-1	WW-2
	<i>Depth:</i>	3-9 5	3-10	5 5-5 5			
	<i>Matrix:</i>	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	<i>Sampled:</i>	Jun-19-08 07 45	Jun-19-08 08 05	Jun-19-08 08 15	Jun-19-08 08 40	Jun-19-08 08 35	Jun-19-08 08 30
Inorganic Anions by EPA 300	<i>Extracted:</i>	Jun-20-08 01 00	Jun-20-08 01 00	Jun-20-08 01 00	Jun-20-08 01 00	Jun-20-08 01 00	Jun-20-08 01 00
	<i>Analyzed:</i>	Jun-20-08 01 00	Jun-20-08 01 00	Jun-20-08 01 00	Jun-20-08 01 00	Jun-20-08 01 00	Jun-20-08 01 00
	<i>Units/RL:</i>	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL	mg/kg RL
Chloride		2610 50 0	4420 50 0	122 10 0	998 10 0	8490 100	1220 20 0

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi


Brent Barron
Odessa Laboratory Director



Certificate of Analysis Summary 306200

Terracon Consultants, Inc.- Midland, Midland, TX

Project Name: Kincaid 1724 # 111

Project Id: 94068156

Contact: Clay McDonald

Project Location: Artesia, NM

Date Received in Lab: Thu Jun-19-08 01 35 pm


Report Date: 20-JUN-08

Project Manager: Brent Barron, II

Analysis Requested	Lab Id:	306200-007					
	Field Id:	SP-1					
	Depth:						
	Matrix:	SOIL					
	Sampled:	Jun-19-08 08 45					
Inorganic Anions by EPA 300	Extracted:						
	Analyzed:	Jun-20-08 01 00					
	Units/RL:	mg/kg RL					
Chloride		734 20 0					

This analytical report, and the entire data package it represents, has been made for your exclusive and confidential use. The interpretations and results expressed throughout this analytical report represent the best judgment of XENCO Laboratories. XENCO Laboratories assumes no responsibility and makes no warranty to the end use of the data hereby presented. Our liability is limited to the amount invoiced for this work order unless otherwise agreed to in writing.

Since 1990 Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America - Atlanta - Corpus Christi


Brent Barron
Odessa Laboratory Director



Flagging Criteria

- X** In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.
 - B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
 - D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
 - E** The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
 - F** RPD exceeded lab control limits.
 - J** The target analyte was positively identified below the MQL(PQL) and above the SQL(MDL).
 - U** Analyte was not detected.
 - L** The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
 - H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
 - K** Sample analyzed outside of recommended hold time.
- * Outside XENCO'S scope of NELAC Accreditation

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.

Certified and approved by numerous States and Agencies.

A Small Business and Minority Status Company that delivers SERVICE and QUALITY

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

11381 Meadowglen Lane Suite L Houston, Tx 77082-2647
9701 Harry Hines Blvd , Dallas, TX 75220
5332 Blackberry Drive, Suite 104, San Antonio, TX 78238
2505 N Falkenburg Rd , Tampa, FL 33619
5757 NW 158th St, Miami Lakes, FL 33014
6017 Financial Dr , Norcross, GA 30071

Phone	Fax
(281) 589-0692	(281) 589-0695
(214) 902 0300	(214) 351-9139
(210) 509-3334	(210) 509-3335
(813) 620-2000	(813) 620-2033
(305) 823-8500	(305) 823-8555
(770) 449-8800	(770) 449-5477



Blank Spike Recovery



Project Name: Kincaid 1724 # 111

Work Order #: 306200

Project ID:

94068156

Lab Batch #: 725950

Sample: 725950-1-BKS

Matrix: Solid

Date Analyzed: 06/20/2008

Date Prepared: 06/20/2008

Analyst: LATCOR

Reporting Units: mg/kg

Batch #: 1

BLANK /BLANK SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300 Analytes	Blank Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Control Limits %R	Flags
Chloride	ND	10.0	10.0	100	75-125	

Blank Spike Recovery [D] = $100 * [C] / [B]$

All results are based on MDL and validated for QC purposes



Form 3 - MS Recoveries

Project Name: Kincaid 1724 # 111



Work Order #: 306200

Lab Batch #: 725950

Date Analyzed: 06/20/2008

QC- Sample ID: 306200-001 S

Reporting Units: mg/kg

Date Prepared: 06/20/2008

Project ID: 94068156

Analyst: LATCOR

Batch #: 1

Matrix: Soil

MATRIX / MATRIX SPIKE RECOVERY STUDY

Inorganic Anions by EPA 300	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	%R [D]	Control Limits %R	Flag
Analytes						
Chloride	2610	1000	4180	157	75-125	X

Matrix Spike Percent Recovery [D] = $100 \times (C-A)/B$

Relative Percent Difference [E] = $200 \times (C-A)/(C+B)$

All Results are based on MDL and Validated for QC Purposes



Sample Duplicate Recovery



Project Name: Kincaid 1724 # 111

Work Order #: 306200

Lab Batch #: 725950

Project ID: 94068156

Date Analyzed: 06/20/2008

Date Prepared: 06/20/2008

Analyst: LATCOR

QC- Sample ID: 306200-001 D

Batch #: 1

Matrix: Soil

Reporting Units: mg/kg

SAMPLE / SAMPLE DUPLICATE RECOVERY					
Inorganic Anions by EPA 300	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Analyte					
Chloride	2610	2670	2	20	

Spike Relative Difference RPD $200 * |(B-A)/(B+A)|$

All Results are based on MDL and validated for QC purposes

Environmental Lab of Texas
Variance/ Corrective Action Report- Sample Log-In

Client Terracon
Date/ Time 6-19-08 13:35
Lab ID # 306200
Initials AL

Sample Receipt Checklist

				Client Initials
#1	Temperature of container/ cooler?	<u>Yes</u>	No	9.5 °C
#2	Shipping container in good condition?	<u>Yes</u>	No	
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	<u>Not Present</u>
#4	Custody Seals intact on sample bottles/ container?	<u>Yes</u>	No	<u>Not Present</u>
#5	Chain of Custody present?	<u>Yes</u>	No	
#6	Sample instructions complete of Chain of Custody?	<u>Yes</u>	No	
#7	Chain of Custody signed when relinquished/ received?	Yes	No	
#8	Chain of Custody agrees with sample label(s)?	<u>Yes</u>	No	ID written on Cont / Lid
#9	Container label(s) legible and intact?	<u>Yes</u>	No	Not Applicable
#10	Sample matrix/ properties agree with Chain of Custody?	<u>Yes</u>	No	
#11	Containers supplied by ELOT?	<u>Yes</u>	No	
#12	Samples in proper container/ bottle?	<u>Yes</u>	No	See Below
#13	Samples properly preserved?	<u>Yes</u>	No	See Below
#14	Sample bottles intact?	<u>Yes</u>	No	
#15	Preservations documented on Chain of Custody?	<u>Yes</u>	No	
#16	Containers documented on Chain of Custody?	<u>Yes</u>	No	
#17	Sufficient sample amount for indicated test(s)?	<u>Yes</u>	No	See Below
#18	All samples received within sufficient hold time?	<u>Yes</u>	No	See Below
#19	Subcontract of sample(s)?	Yes	No	<u>Not Applicable</u>
#20	VOC samples have zero headspace?	Yes	No	<u>Not Applicable</u>

Variance Documentation

Contact _____ Contacted by _____ Date/ Time _____

Regarding _____

Corrective Action Taken

- Check all that Apply
- ☐ See attached e-mail/ fax
 - ☐ Client understands and would like to proceed with analysis
 - ☐ Cooling process had begun shortly after sampling event

Table 6-19-08

CONCENTRATIONS OF TPH IN SOIL

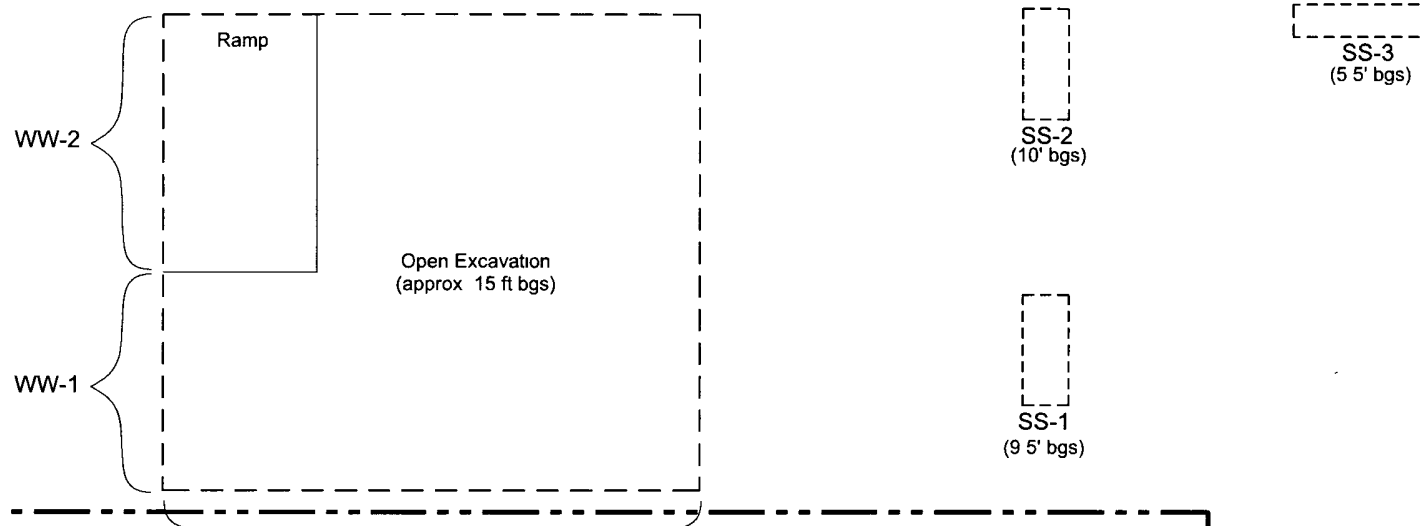
LCX Energy
Kinncaid 1724 Well #111
Eddy County, NM

Terracon Project Number 94068156

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	SW 846 9253
		Chlorides
6/19/2008	SS-1 9.5' bgs	2,610.0
	SS-2 10' bgs	4,420.0
	SS-3 5 5' bgs	122.0
	SW-1	998.0
	WW-1	8,490.0
	WW-2	1,220.0
	SP-1	734.0

CONCENTRATIONS IN BOLD ARE ABOVE REGULATORY LIMIT of <1,000 mg/kg CHLORIDES



LEGEND

All samples were 5 point composite soil samples

SS-1:
Sample collected from west wall approx 3'-9 5' bgs

SS-2:
Sample collected from east wall approx. 3'-10' bgs

SS-3:
Sample collected from bottom hole approx. 5 5' bgs

SW-1:
Sample collected from gravel layer approx 9' bgs

WW-1 & WW-2:
Sample collected from west wall 3'-10' bgs

SP-1:
Sample collected from east-center edge of stockpile

THIS DRAWING SHOULD
NOT BE USED SEPARATELY
FROM ORIGINAL REPORT

0 10 20 feet
APPROXIMATE SCALE

LCX ENERGY
KINCAID 1724 WELL #111
ARTESIA, EDDY COUNTY, NEW MEXICO

JUL - 1 2008
OCD-ARTESIA

LCX Energy
Kincaid 1724 Well #111
Artesia, Eddy County, NM
Terracon # 94068

SS-1

SS-2



LCX Energy
Kincaid 1724 Well #111
Artesia, Eddy County, NM
Terracon # 94068

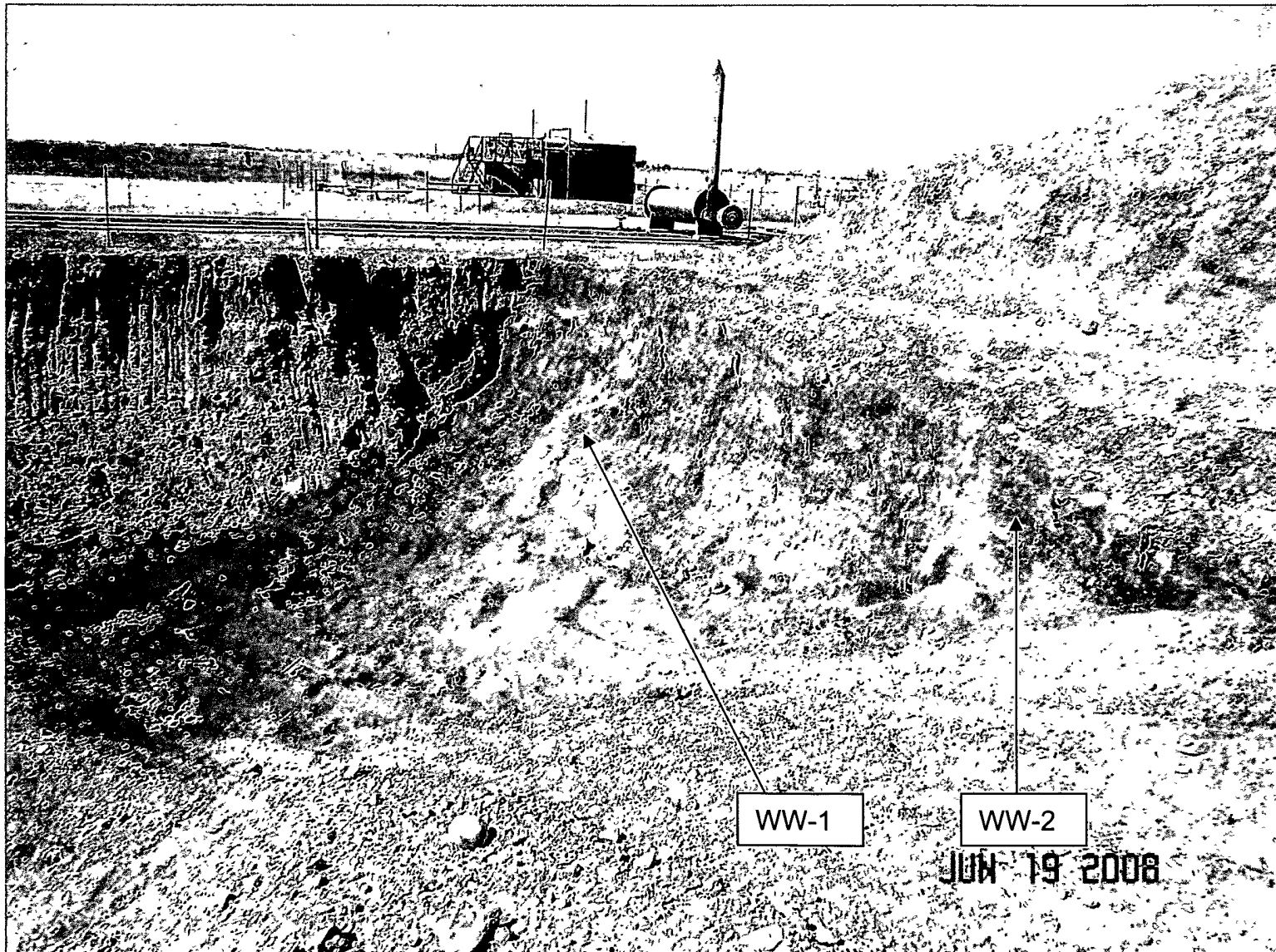
SS-3



LCX Energy
Kincaid 1724 Well #111
Artesia, Eddy County, NM
Terracon # 94068



LCX Energy
Kincaid 1724 Well #111
Artesia, Eddy County, NM
Terracon # 94068

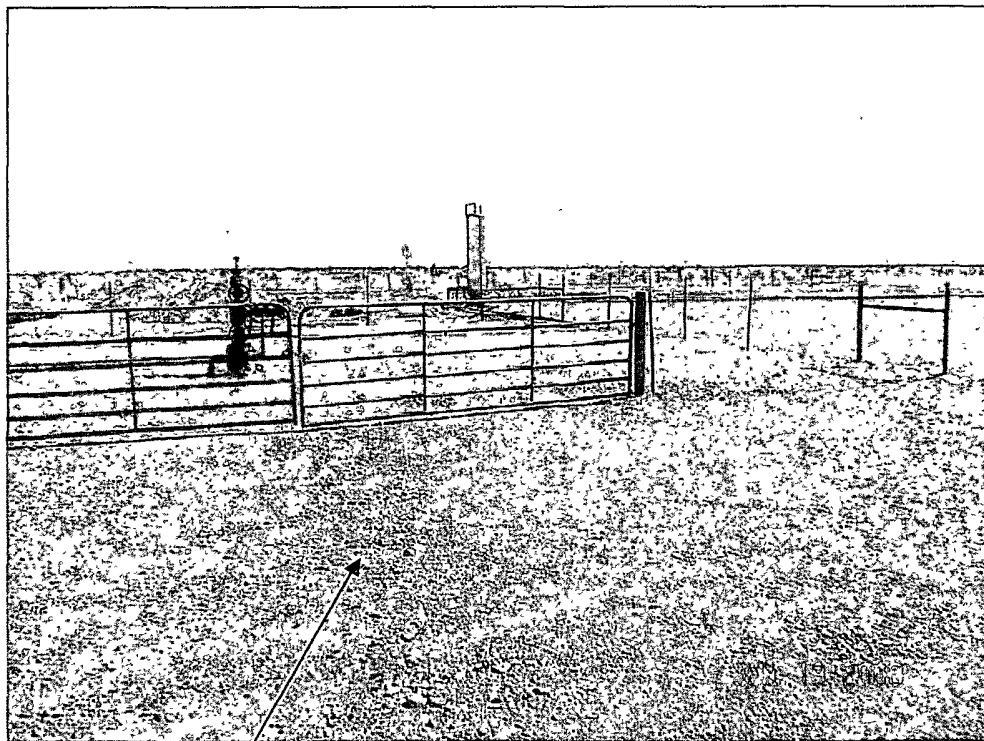
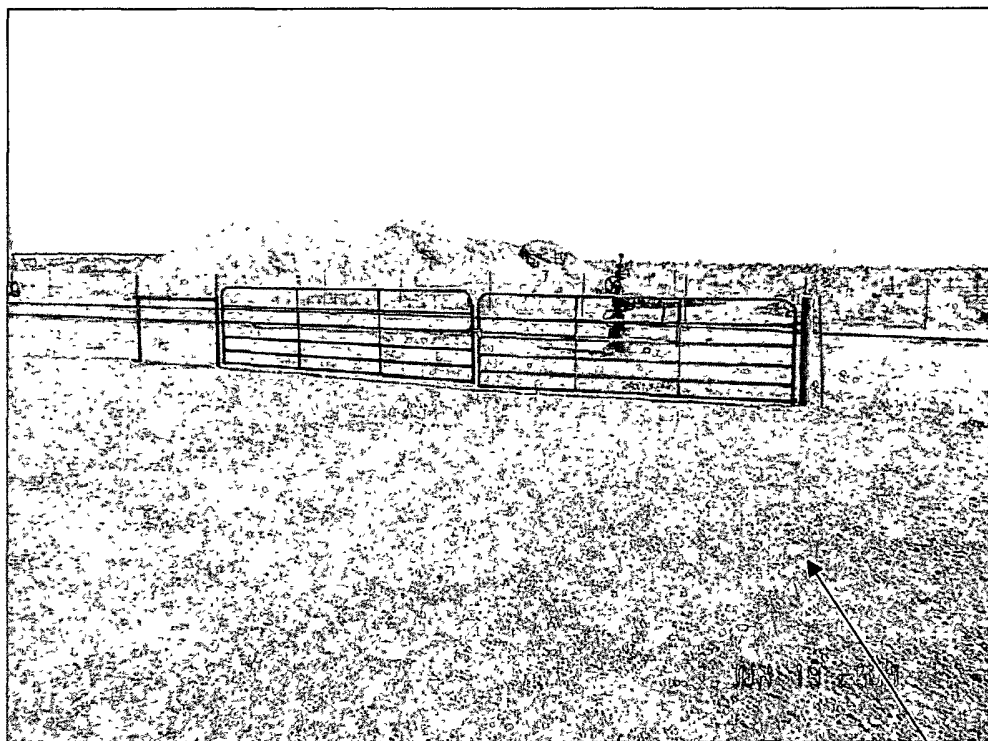


LCX Energy
Kincaid 1724 Well #111
Artesia, Eddy County, NM
Terracon # 94068

SP-1



LCX Energy
Kincaid 1724 Well #111
Artesia, Eddy County, NM
Terracon # 94068



Well site looking northwest and northeast.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

Sundown

ANALYTICAL RESULTS FOR
LCX ENERGY
ATTN: JOHN LOWERY
110 N. MARIENFELD, SUITE #200
MIDLAND, TX 79701
FAX TO: (432) 687-2521, (575) 622-0233
& (575) 578-0180

Receiving Date: 04/01/08

Reporting Date: 04/02/08

Project Number: 1724

Project Name: KINKAID WELL #111

Project Location: EDDY COUNTY, NM

Analysis Date: 04/01/08

Sampling Date: 04/01/08

Sample Type: SOIL

Sample Condition: INTACT

Sample Received By: NF

Analyzed By: KS

LAB NUMBER	SAMPLE ID	Cl ⁻ (mg/kg)
H14545-1	SOUTH WEST	9,200
H14545-2	WEST WALL	25,600
H14545-3	NORTH PILE	1,280
H14545-4	SOUTH PILE	1,060
H14545-5	WEST PILE	1,200
H14545-6	EAST PILE	1,150
H14545-7	NORTH WALL	4,080
H14545-8	NORTH FLOOR	736
Quality Control		500
True Value QC		500
% Recovery		100
Relative Percent Difference		2.0

METHOD: Standard Methods 4500-Cl-B

Note: Analyses performed on 1:4 w:v aqueous extracts.

Brian Supte
Chemist

04/02/08
Date

H14545 LCX

PLEASE NOTE Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



101 East Marland, Hobbs, NM 88240

(505) 393-2326 Fax (505) 393-2476

Page _____ of _____

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.