



AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pKJ1603943249

1RP - 4164

LEGACY RESERVES OPERATING, LP

June 21, 2013

AARON EDRINGTON

ENVIRONMENTAL COMPLIANCE ASSOCIATES, INC.

P. O. BOX 770005

HOUSTON, TEXAS 77215

HOBBS OCD

JUN 24 2013

RECEIVED

RE: LANGLEIE JAL UNIT #49

Enclosed are the results of analyses for samples received by the laboratory on 06/20/13 15:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

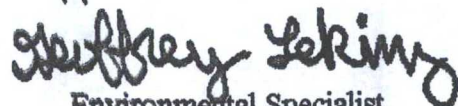
This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

approved for signing & backfilling

Environmental Specialist
NMOC-DIST 1
6/25/13

Analytical Results For:

ENVIRONMENTAL COMPLIANCE ASSOCIATES, IN
AARON EDRINGTON
P. O. BOX 770005
HOUSTON TEXAS, 77215
Fax To: (713) 978-6119

Received: 06/20/2013
Reported: 06/21/2013
Project Name: LANGLEIE JAL UNIT #49
Project Number: 0213-07
Project Location: JAL, NEW MEXICO

Sampling Date: 06/20/2013
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: LJU 49 #3A (20') (H301433-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	06/21/2013	ND	416	104	400	0.00	

Sample ID: LJU 49 #3B (30') (H301433-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/21/2013	ND	416	104	400	0.00	

Sample ID: LJU 49 #3C (40') (H301433-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/21/2013	ND	416	104	400	0.00	

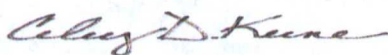
Sample ID: LJU 49 #11A (20') (H301433-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/21/2013	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

ENVIRONMENTAL COMPLIANCE ASSOCIATES, IN
AARON EDRINGTON
P. O. BOX 770005
HOUSTON TEXAS, 77215
Fax To: (713) 978-6119

Received: 06/20/2013
Reported: 06/21/2013
Project Name: LANGLEIE JAL UNIT #49
Project Number: 0213-07
Project Location: JAL, NEW MEXICO

Sampling Date: 06/20/2013
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: LJU 49 #11B (30') (H301433-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/21/2013	ND	416	104	400	0.00	

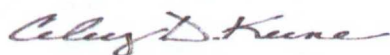
Sample ID: LJU 49 #11C (40') (H301433-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/21/2013	ND	416	104	400	0.00	

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Caley D. Keene, Lab Director/Quality Manager

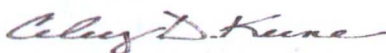
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager