



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: pKJ1607049203

1RP - 4208

PENROC OIL CORP

June 21, 2013

AARON EDRINGTON

ENVIRONMENTAL COMPLIANCE ASSOCIATES, INC.

P. O. BOX 770005

HOUSTON, TEXAS 77215

HOBBS OCD

JUN 24 2013

RECEIVED

RE: LANGLIE JAL UNIT #110

Enclosed are the results of analyses for samples received by the laboratory on 06/20/13 15:50.

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.

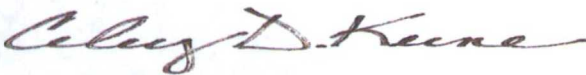
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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.

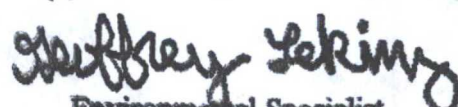
This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

approved for lining and backfilling

Environmental Specialist
NMOC D - 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 #110
 Project Number: 1112-03
 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 #2A (20.0') (H301432-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/21/2013	ND	416	104	400	0.00	

Sample ID: LJU #2B (30.0') (H301432-02)

Chloride, SM4500CI-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 #2C (40.0') (H301432-03)

Chloride, SM4500CI-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 #8A (20.0') (H301432-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	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 #110
Project Number: 1112-03
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 #8B (30.0') (H301432-05)

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	

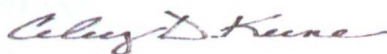
Sample ID: LJU #8C (40.0') (H301432-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/21/2013	ND	416	104	400	0.00	

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Celey 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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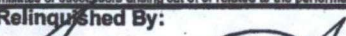
Celey D. Keene, Lab Director/Quality Manager



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Relinquished By: 		Date: 6/20/13		Received By: 		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 3:50		Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:		REMARKS:	
Relinquished By:		Date:		Received By:		Email results to aedrington@eca-mail.com	
Time:		Time:		Time:		Invoice to lynne@eca-mail.com	
Delivered By: (Circle One)				Sample Condition		CHECKED BY:	
Sampler - UPS - Bus - Other:				Cool Intact		(Initials)	
28.4°C				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
RUSH!!							

Langlie Jal Unit #110								
<u>Sample ID</u>	<u>11/21/2012</u>	<u>Depth</u>	<u>1/31/2013</u>	<u>Depth</u>	<u>4/4/2014</u>	<u>Depth</u>	<u>5/7/2013</u>	<u>Depth</u>
1	8940	0.5'			496	1.5'	1090	2.0'
2	10800	0.5'			1520	1.5'	2440	2.0'
3 (BG)	444	0.5'						
5			1350	1.0'	1500	1.5'	1250	2.0'
6			926	1.5'	448	1.5'	864	2.0'
7			552	1.5'	1060	1.5'	752	2.0'
8			2980	1.5'	2640	1.5'	1820	2.0'
9					32	1.0'		
10					<16	1.5'		
11					64	1.5'		
12					2920	1.0'	496	1.5'

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MAY 09 2013

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