



ARDINAL LABORATORIES

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

May 13, 2010

Jacob Melancon
Panther Energy
101 E. Panther
Jal, NM 88252

Re: Curry Federal #2 (Siana)

Enclosed are the results of analyses for sample number H19861, received by the laboratory on 05/10/10 at 3:05 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

Approved By:
Geoffrey Lehm
Environmental Engineer
NMOCB - Hobbs
05/18/10

This report conforms with NELAP requirements.

PGR 1010 533175

LRP-2178

3470



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ANALYTICAL RESULTS FOR
PANTHER ENERGY
ATTN: JACOB MELANCON
101 EAST PANTHER
JAL, NM 88252
FAX TO (575) 395-2162

Receiving Date: 05/10/10
Reporting Date: 05/13/10
Project Owner: SIANA (#117)
Project Name: CURRY FEDERAL #2
Project Location: SWD

Sampling Date: 05/06/10
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 5.5°C
Sample Received By: JH
Analyzed By: AB/ZL/HM

LAB NO.	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/kg)	DRO (C ₁₀ -C ₂₈) (mg/kg)	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)	Cl* (mg/kg)
ANALYSIS DATE:		05/12/10	05/12/10	05/12/10	05/12/10	05/12/10	05/12/10	05/11/10
H19861-1	PILE 1	<10.0	225	<0.050	<0.050	<0.050	0.409	448
H19861-2	PILE 2	<10.0	130	<0.050	<0.050	<0.050	<0.300	528
H19861-3	PILE 3	<10.0	134	<0.050	<0.050	<0.050	<0.300	1,060
H19861-4	PILE 4	<10.0	225	<0.050	<0.050	<0.050	<0.300	592
Quality Control		484	469	0.020	0.021	0.021	0.057	500
True Value QC		500	500	0.020	0.020	0.020	0.060	500
% Recovery		96.8	93.8	100	105	105	95.0	100
Relative Percent Difference		<0.1	1.7	3.6	1.1	<1.0	<1.0	2.0

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8021B; Cl-: Std. Methods 4500-Cl-B

*Analyses performed on 1:4 w/v aqueous extracts. Reported on wet weight.

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE,
AND TOTAL XYLENES. Not accredited for GRO/DRO and Chloride.

Lab Director

Date

H19861 TBCL PE

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 Mariand, Hobbs, NM 88240
(575) 393-2326 Fax (575) 393-2476

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BILL TO				ANALYSIS REQUEST																
P.O. # 10303																				
Company: Siana																				
Attn: Mark Potter																				
Address: 601 N. Sante Fe																				
City: Midland																				
State: TX Zip: 79702																				
Phone #: 432-557-5038																				
Fax #: 432-682-																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	67EX				TPH				CL-			
H198d-1	Pile 1	C 1	1	WASTEWATER	OTHER		5-06	11:00												
2	Pile 2	C 1	1	WASTEWATER	OTHER		5-06	12:00												
3	Pile 3	C 1	1	WASTEWATER	OTHER		5-06	1:20												
4	Pile 4	C 1	1	WASTEWATER	OTHER		5-06	2:00												

Relinquished By: <i>J. Melancon</i>	Received By: <i>Adi Henderson</i>
Delivered By: (Circle One)	Checked By: <i>Adi Henderson</i>
Sampler - UPS - Bus - Other:	Time: 5:50

REMARKS:

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

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