



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

ANALYTICAL RESULTS FOR
MELROSE OPERATING
ATTN: JOEY
1000 W. WILSHIRE BLVD.
OKLAHOMA CITY, OK 73116
FAX TO: (575) 234-0376

Receiving Date: 11/25/09
Reporting Date: 11/30/09
Project Owner: NOT GIVEN
Project Name: CONOCO BATTERY
Project Location: NOT GIVEN

Sampling Date: 11/25/09
Sample Type: SOIL
Sample Condition: COOL & INTACT @ 6 °C
Sample Received By: ML
Analyzed By: AB/ZL/HM

LAB NO.	SAMPLE ID	GRO	DRO	ETHYL		TOTAL		CI*
		(C ₆ -C ₁₀)	(>C ₁₀ -C ₂₈)	BENZENE	TOLUENE	BENZENE	XYLENES	
		(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
ANALYSIS DATE:		11/30/09	11/30/09	11/25/09	11/25/09	11/25/09	11/25/09	11/25/09
H18804-1	MIDDLE OF PIT @ 5'	<10.0	42.9	<0.050	0.056	<0.050	<0.300	4,160
H18804-2	MIDDLE OF HOLE @ 8'	123	2,710	0.054	0.675	1.70	4.70	1,740
H18804-3	MIDDLE OF 12' HOLE	94.3	1,710	<0.100	0.318	1.39	5.11	4,560
H18804-4	N. MIDDLE WALL @ 4'	<10.0	<10.0	<0.050	<0.050	<0.050	<0.300	8,600
H18804-5	E OF PIT 8' FROM WALL	<10.0	22.2	<0.050	<0.050	<0.050	<0.300	3,760
H18804-6	SOUTH PIT	<10.0	11.0	<0.050	<0.050	<0.050	<0.300	4,880
H18804-7	N. OF PIT	<10.0	12.4	<0.050	<0.050	<0.050	<0.300	3,120
H18804-8	W. WALL @ 8'	842	7,390	<0.100	0.604	3.93	14.8	2,320
H18804-9	E. OF PIT	<10.0	76.6	<0.050	<0.050	<0.050	0.380	1,920
H18804-10	W. OF PIT	<10.0	26.6	<0.050	<0.050	<0.050	<0.300	1,630
Quality Control		456	509	0.048	0.048	0.050	0.155	500
True Value QC		500	500	0.050	0.050	0.050	0.150	500
% Recovery		91.2	102	96.0	96.0	100	103	100
Relative Percent Difference		3.0	0.7	4.0	4.0	1.9	1.8	<0.1

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

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

Lab Director

Date

H18804 TBCL MELROSE

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. Result relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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101 East Marland, Hobbs, NM 88240

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

Page ____ of ____

Company Name: <u>Melrose</u>				BILL TO				ANALYSIS REQUEST											
Project Manager: <u>JOEY</u>				P.O. #:															
Address: <u>1000 W. Wilshire Blvd</u>				Company:															
City: <u>Oklahoma City</u> State: <u>OK</u> Zip: <u>73116</u>				Attn:															
Phone #: <u>575-200-9920</u> Fax #:				Address:															
Project #: Project Owner:				City:															
Project Name: <u>Conoco Battery</u>				State: Zip:															
Project Location:				Phone #:															
Sampler Name:				Fax #:															

FOR LAB USE ONLY		Lab I.D.	Sample I.D.	GIRAB OR (C)OMP	# CONTAINERS	MATRIX					PRESERV.		SAMPLING		DATE	TIME	8015	BTEX	CI-
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER					
H18804-1	Middle of Pit @ 5'	G	1											11/25/09	10:45				
-2	Middle of hole @ 8'	G	1												10:08				
-3	Middle of 12' hole	G	1												10:00				
-4	N. Mid wall @ 4'	G	1												10:36				
-5	E of Pit 8' from wall	G	1												10:10				
-6	South Pit	G	1												10:20				
-7	N of Pit	G	1												10:33				
-8	W. Wall @ 8'	G	1												\$				
-9	E. of Pit	G	1												10:32				
-10	W of Pit	G	1												10:33				

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Sampler Relinquished:		Date:	Received By:	Phone Result:	<input type="checkbox"/> No	Add'l Phone #:
Time:				Fax Result:	<input type="checkbox"/> No	Add'l Fax #:
Relinquished By:				REMARKS:		
Date:		Received By:	email: <u>gnewton@prtnetworks.net</u>			
Time:						
Delivered By: (Circle One)		Temp.	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:			Cool Intact	(Initials)		
			<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>MCB</u>		

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

RUSH! by Monday



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November 30, 2009

Joey
Melrose Operating
1000 W. Wilshire Blvd.
Oklahoma City, OK 73116

Re: Conoco Battery

Enclosed are the results of analyses for sample number H18804, received by the laboratory on 11/25/09 at 1:34 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