

## Bratcher, Mike, EMNRD

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**From:** Michael Stubblefield [mstubblefield@talonlpe.com]  
**Sent:** Tuesday, July 19, 2011 8:30 AM  
**To:** Bratcher, Mike, EMNRD  
**Subject:** FW: LEONARD B NO 4  
**Attachments:** H101461 TALON.pdf

Mike,

Talon/LPE is sending you the analytical results for the soil samples collected on 7/14/2011 from the location at the Leonard B No. 4.

I'll call you to discuss the analytical for the Quantum Resources Management, LLC Leonard B No. 4.

Mike S.

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**From:** Celey Keene [<mailto:celey.keene@cardinallabsnm.com>]  
**Sent:** Monday, July 18, 2011 5:14 PM  
**To:** Michael Stubblefield  
**Cc:** David Adkins  
**Subject:** LEONARD B NO 4

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](mailto:celey.keene@cardinallabsnm.com)



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

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July 18, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LEONARD B #4

Enclosed are the results of analyses for samples received by the laboratory on 07/14/11 14:47.

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 524.4 Regulated VOCs (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,

A handwritten signature in black ink, reading "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

**Analytical Results For:**

TALON LPE  
MIKE STUBBLEFIELD  
408 W. TEXAS AVE.  
ARTESIA NM, 88210  
Fax To: (575) 745-8905

Received: 07/14/2011  
Reported: 07/18/2011  
Project Name: LEONARD B #4  
Project Number: 701407.004.01  
Project Location: SEC.33-T17S-R29E

Sampling Date: 07/14/2011  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

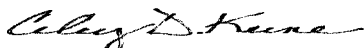
**Sample ID: S-1 0' LOCATION (H101461-01)**

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	07/18/2011	ND	201	101	200	3.59	
<b>DRO &gt;C10-C28</b>	<b>1130</b>	50.0	07/18/2011	ND	170	85.1	200	0.0329	
<hr/>									
Surrogate: 1-Chlorooctane	111 %	70-130							
Surrogate: 1-Chlorooctadecane	123 %	70-130							

Cardinal Laboratories

\* = Accredited Analyte

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 the 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.



Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

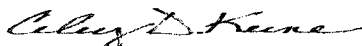
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received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

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\* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240  
(575) 393-2326 FAX (575) 393-2476

BILL TO				ANALYSIS REQUEST											
Company Name: <u>Talon/LE</u>				P.O. #:											
Project Manager: <u>Mike Stufflefield</u>				Company: <u>Talon/LE</u>											
Address: <u>408 W. Texas Ave</u>				Attn:											
City: <u>Artesia</u>				Address:											
Phone #: <u>505-441-7254</u>				City:											
Project #: <u>701407-004.01</u>				State:											
Project Name: <u>Leonard B No 4</u>				Phone #:											
Project Location: <u>SEC. 33-T125-R29E</u>				Fax #:											
Sampler Name: <u>Mike Stufflefield</u>															
FOR LAB USE ONLY															
Lab I.D.				MATRIX				PRESERV				SAMPLING			
Sample I.D.				WASTEWATER				ACID/BASE				DATE TIME			
H101461				GROUNDWATER				ICE/COOL				7/14/11 11:20 AM			
-1				SLUDGE				OTHER							
				OIL											
				GOL											
				CONTAINERS											
				GRAB OR (COMP)											

PLEASE NOTE: Liability and Damages. Cardinal is hereby and of this disclaimer, hereby to any claim arising from or related to the amount paid by the client for this analysis. All claims, including those for negligence and any other claims, shall be deemed waived and released by Cardinal within 30 days after completion of the analysis service. In no event shall Cardinal be liable for incidental or consequential damages, including lost profits, loss of use, or loss of profits, incurred by client in reliance on, or 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>Mike Stufflefield</u>	Received By: <u>[Signature]</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: <input type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By: <u>[Signature]</u>	Received By: <u>[Signature]</u>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: <input type="checkbox"/> Yes <input type="checkbox"/> No
REMARKS:			
Delivered By: (Circle One)			
Sampler - UPS - Bus - Other			
Sample Condition			
Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			
Checked By: <u>[Signature]</u>			

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