

## Bratcher, Mike, EMNRD

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**From:** Michael Stubblefield [mstubblefield@talonlpe.com]  
**Sent:** Thursday, October 27, 2011 10:14 AM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** gnewton@pvtnetworks.net  
**Subject:** FW: REVISED CONOCO 7 STATE NO 12  
**Attachments:** H102000R TALON.pdf

Dear Mr. Mike Bratcher,

Talon/LPE is sending you the analytical results for the soil samples collected on 9/20/2011 from the excavated area located at the Conoco 7 State No. 12. Based on the analytical results Quantum Resources Management, LLC is requesting permission to place the 20 Mil. liner into the bottom of the excavated area and to start backfilling with new soil transported to the location.

Sincerely,

Mike Stubblefield  
Talon/LPE Project Manager

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**From:** Celey Keene [<mailto:celey.keene@cardinallabsnm.com>]  
**Sent:** Thursday, October 13, 2011 11:50 AM  
**To:** Michael Stubblefield  
**Cc:** David Adkins  
**Subject:** REVISED CONOCO 7 STATE NO 12

This is the revised report for the above referenced project. This report will replace the previously sent on one 09/26/11.

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)**

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October 13, 2011

MIKE STUBBLEFIELD

TALON LPE .

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: CONOCO 7 STATE #12

Enclosed are the results of analyses for samples received by the laboratory on 09/20/11 15:12.

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,



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:	09/20/2011	Sampling Date:	09/20/2011
Reported:	10/13/2011	Sampling Type:	Soil
Project Name:	CONOCO 7 STATE #12	Sampling Condition:	Cool & Intact
Project Number:	701407.002.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 7- T19S- R29E		

**Sample ID: S-1 NORTHSIDE WALL (H102000-01)**

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/22/2011	ND	2.31	116	2.00	0.947		
Toluene*	<0.050	0.050	09/22/2011	ND	2.17	109	2.00	0.462		
Ethylbenzene*	<0.050	0.050	09/22/2011	ND	2.17	109	2.00	2.77		
Total Xylenes*	<0.150	0.150	09/22/2011	ND	6.49	108	6.00	3.30		

*Surrogate 4-Bromofluorobenzene (PIL) 111 % 64 4-134*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>576</b>	16.0	09/21/2011	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/24/2011	ND	175	87.6	200	0.715		
DRO >C10-C28	<10.0	10.0	09/24/2011	ND	173	86.5	200	0.789		

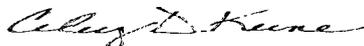
*Surrogate 1-Chlorooctane 129 % 55 5-154*
*Surrogate 1-Chlorooctadecane 123 % 57 6-158*
**Sample ID: S-2 EASTSIDE WALL (H102000-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>1140</b>	16.0	09/21/2011	ND	416	104	400	3.77		

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\*=Accredited Analyte

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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:	09/20/2011	Sampling Date:	09/20/2011
Reported:	10/13/2011	Sampling Type:	Soil
Project Name:	CONOCO 7 STATE #12	Sampling Condition:	Cool & Intact
Project Number:	701407.002.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 7- T19S- R29E		

**Sample ID: S-3 SOUTHSIDE WALL (H102000-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6560	16.0	09/21/2011	ND	416	104	400	3.77		

**Sample ID: S-4 WESTSIDE WALL (H102000-04)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	960	16.0	09/21/2011	ND	416	104	400	3.77		

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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



**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name: <u>Talon/LPE</u>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																
Project Manager: <u>Mike Stubblefield</u>		P.O. #:																		
Address: <u>408 W. Texas Ave.</u>		Company: <u>Talon/LPE</u>																		
City: <u>Actesia</u> State: <u>NM</u> Zip: <u>88210</u>		Attn:																		
Phone #: <u>505-441-7254</u> Fax #:		Address:																		
Project #: <u>701407.002.01</u> Project Owner: <u>Quantum Res. Assn.</u>		City:																		
Project Name: <u>Conoco D State No 12</u>		State: Zip:																		
Project Location: <u>SCC 2-TIS-R29F</u>		Phone #:																		
Sampler Name: <u>Mike Stubblefield</u>		Fax #:																		
FOR LAB USE ONLY				MATRIX			PRESERV.		SAMPLING											
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	Total Chloride					
<u>#102000</u>															<u>8015.07 TPH</u>					
<u>01</u>	<u>S-1 Northside wall</u>	<u>G</u>				<u>✓</u>							<u>9/20/2011</u>	<u>8:35am</u>	<u>✓</u>	<u>✓</u>	<u>✓</u>			
<u>02</u>	<u>S-2 Eastside wall</u>	<u>G</u>				<u>✓</u>							<u>9/20/2011</u>	<u>8:41am</u>	<u>✓</u>					
<u>03</u>	<u>S-3 Southside wall</u>	<u>G</u>				<u>✓</u>							<u>9/20/2011</u>	<u>8:54am</u>	<u>✓</u>					
<u>04</u>	<u>S-4 Westside wall</u>	<u>G</u>				<u>✓</u>							<u>9/20/2011</u>	<u>9:01am</u>	<u>✓</u>					

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Relinquished By:	Date: <u>9/20/2011</u>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
<u>Mike Stubblefield</u>	Time: <u>3:12 PM</u>	<u>Chrylene</u>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - <u>Other</u>	<u>35°C</u> Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	<u>cph</u> (Initials)		

↑ Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476  
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CONOCO 7 STATE #12  
SEC. 7, T19S, R29E



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