

Bratcher, Mike, EMNRD

From: Michael Stubblefield [mstubblefield@talonlpe.com]
Sent: Tuesday, November 08, 2011 12:23 PM
To: Bratcher, Mike, EMNRD
Cc: gnewton@pvtnetworks.net; Kimberly M. Wilson; Reggie Brooks
Subject: 11/8/2011 Quantum Resources Management, LLC Artesia Unit No.32 release. Meeting

Dear Mr. Mike Bratcher,

As per our meeting on 11/8/2011 and the analytical results for the soil samples collected at the Quantum Resources Management, LLC Artesia Unit No. 32 release site. Quantum Resources Management, LLC was granted permission to place a 20 Mil. liner into the bottom of the excavation with sample location labeled S-35. Talon will now start the backfilling of the excavated areas located at the Artesia Unit No. 32 release.

Sincerely,

Mike Stubblefield
Talon/LPE Project Manager



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

October 17, 2011

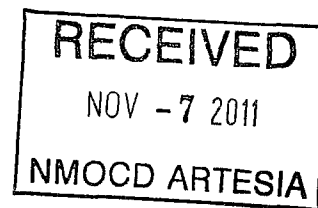
MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

copy



RE: ARTESIA UNIT #32

Enclosed are the results of analyses for samples received by the laboratory on 10/13/11 14:10.

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: 10/13/2011
 Reported: 10/17/2011
 Project Name: ARTESIA UNIT #32
 Project Number: 701407.009.01
 Project Location: SEC. 36-T17S.R28E

 Sampling Date: 10/11/2011
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

Sample ID: S-34 7' BGS BOTTOM (H102211-01)

Chloride, SM4500Cl-B mg/kg			Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/15/2011	ND	432	108	400	3.64	

Sample ID: S-35 7' BGS BOTTOM (H102211-02)

Chloride, SM4500Cl-B mg/kg			Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	10/15/2011	ND	432	108	400	3.64	

Sample ID: S-36 4' BGS BOTTOM (H102211-03)

Chloride, SM4500Cl-B mg/kg			Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	10/15/2011	ND	432	108	400	3.64	

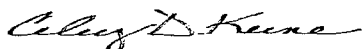
Sample ID: S-37 6' BGS BOTTOM (H102211-04)

Chloride, SM4500Cl-B mg/kg			Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/15/2011	ND	432	108	400	3.64	

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

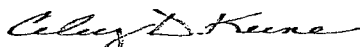
Notes and Definitions

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

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

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Talen / LPE</u>				P.O. #:				ANALYSIS REQUEST																		
Project Manager: <u>mikesullivanfield</u>				Company: <u>Talen / LPE</u>																						
Address: <u>408 W. T. TEXAS AVE.</u>				Attn:																						
City: <u>Artesia</u> State: <u>NM</u> Zip: <u>88210</u>				Address:																						
Phone #: <u>505-441-7254</u> Fax #:				City:																						
Project #: <u>201407 009.01</u> Project Owner: <u>Quantas Res. Inc.</u>				State: Zip:																						
Project Name: <u>Artesia UT No 32</u>				Phone #:																						
Project Location: <u>sec 36 T12S R28E</u>				Fax #:																						
Sampler Name: <u>mikesullivanfield</u>																										
FOR LAB USE ONLY				MATRIX		PRESERV		SAMPLING		Total chlorides																
Lab I.D.	Sample I.D.	G/RAB OR (COMP. #)	CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER													ACID/BASE	ICE / COOL	OTHER	DATE	TIME
<u>H102211</u>																										
	<u>1 S-34 7' bgs bottom</u>	<u>G</u>																							<u>10/11/2011</u>	<u>3:49 PM</u>
	<u>2 S-35 9' bgs bottom</u>	<u>G</u>																							<u>10/11/2011</u>	<u>4:00 PM</u>
	<u>3 S-36 4' bgs bottom</u>	<u>G</u>																							<u>10/11/2011</u>	<u>4:18 PM</u>
	<u>4 S-37 6' bgs bottom</u>	<u>G</u>																							<u>10/11/2011</u>	<u>4:29 PM</u>

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising or related to this contract or act, shall be limited to the amount paid by the client for the 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 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.

Relinquished By: <u>mikesullivanfield</u>	Date: <u>10/13/2011</u> Time: <u>2:10</u>	Received By: <u>Jodi Jensen</u>	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:			Sample Condition: Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <u>JH</u>

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



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

October 17, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ARTESIA UNIT #32

Enclosed are the results of analyses for samples received by the laboratory on 10/13/11 14:10.

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: 10/13/2011
Reported: 10/17/2011
Project Name: ARTESIA UNIT #32
Project Number: 701407.009.01
Project Location: SEC. 36-T17S.R28E

Sampling Date: 10/11/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: S-34 7' BGS BOTTOM (H102211-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/15/2011	ND	432	108	400	3.64	

Sample ID: S-35 7' BGS BOTTOM (H102211-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	10/15/2011	ND	432	108	400	3.64	

Sample ID: S-36 4' BGS BOTTOM (H102211-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	10/15/2011	ND	432	108	400	3.64	

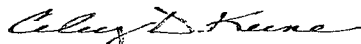
Sample ID: S-37 6' BGS BOTTOM (H102211-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/15/2011	ND	432	108	400	3.64	

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

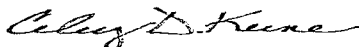
Notes and Definitions

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

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

Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Talos / CPE</u>				ANALYSIS REQUEST																																					
Project Manager: <u>mississiblefield</u>				P.O. #:																																					
Address: <u>408 W. T. Tucke Ave.</u>				Company: <u>Talos / CPE</u>																																					
City: <u>Artesia</u> State: <u>NM</u> Zip: <u>88210</u>				Attn:																																					
Phone #: <u>505-441-7254</u> Fax #:				Address:																																					
Project #: <u>201407 00101</u> Project Owner: <u>Quantum Res. Inc.</u>				City:																																					
Project Name: <u>America UT No 32</u>				State:		Zip:																																			
Project Location: <u>sec 36 T12S R28E</u>				Phone #:																																					
Sampler Name: <u>mae Stuehl</u>				Fax #:																																					
FOR LAB USE ONLY				MATRIX		PRESERV		SAMPLING		Total chlorides																															
Lab I.D.		Sample I.D.		# CONTAINERS		GROUNDWATER		WASTEWATER														SOIL		OIL		SLUDGE		OTHER		ACID/BASE		ICE / COOL		OTHER		DATE		TIME			
H102211																																									
1		S-34 T12S bottom		6																																10/11/2011		3:49 PM			
2		S-35 T12S bottom		6																																10/11/2011		4:00 PM			
3		S-36 T12S bottom		6																				10/11/2011		4:13 PM															
4		S-37 T12S bottom		6																				10/11/2011		4:29 PM															



Project Map / Site Diagram

DRAW NORTH
ARROW HERE

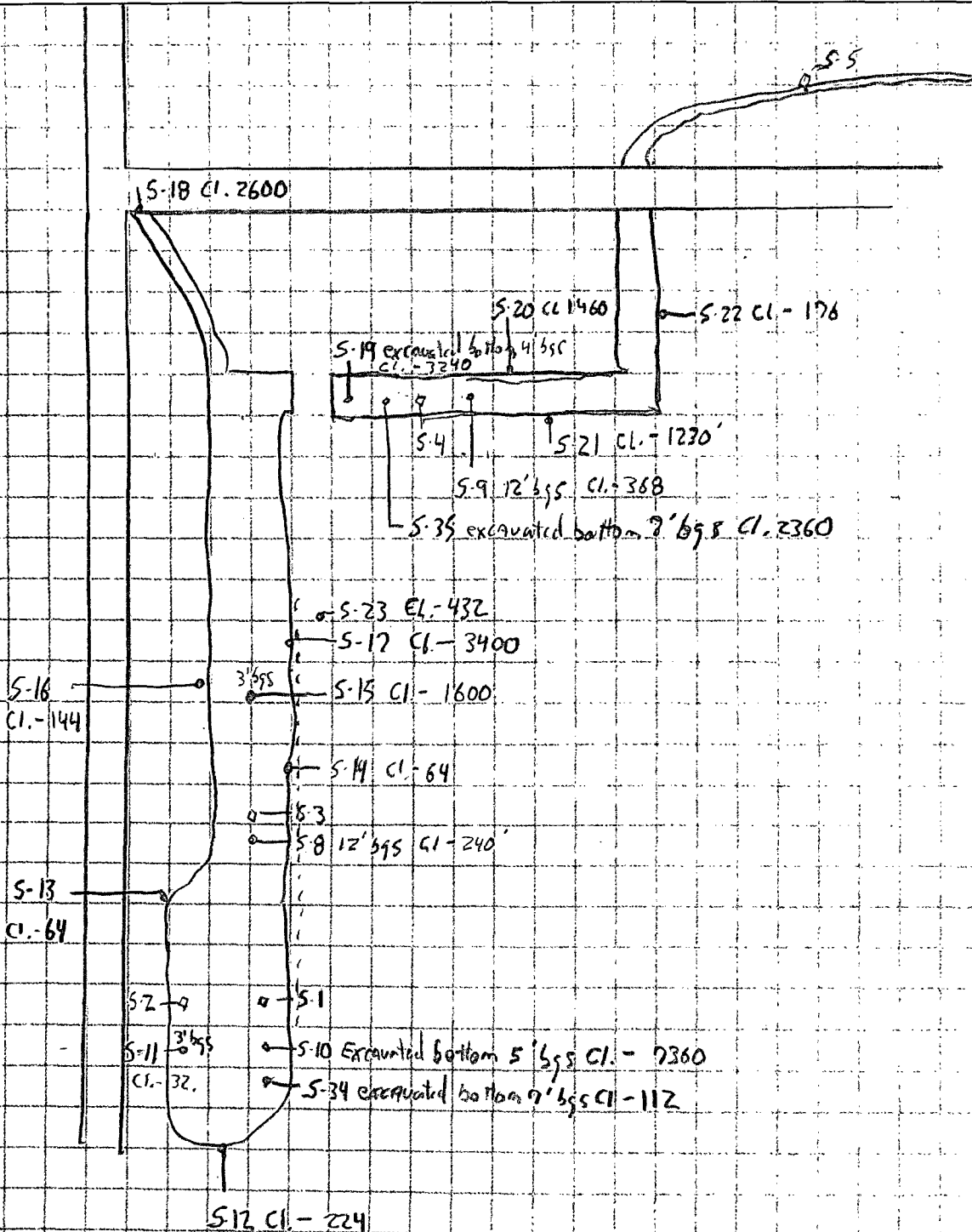


AMARILLO • AUSTIN • MIDLAND • SAN ANTONIO • TYLER • TULSA, OK • ARTESIA, NM • HOBBS, NM

Date: _____ Time: _____ Project Manager: *m Stubblefield*

Project Number and Name: *Quantum Resources Artesia Unit No. 32*

Notes:



Document must be submitted
with Drafting Request Form

Prepared by:

Page ____ of ____

Select One:
Scaled (1"=____)/Measured



Project Map / Site Diagram

DRAW NORTH
ARROW HERE



AMARILLO • AUSTIN • MIDLAND • SAN ANTONIO • TYLER • TULSA, OK • ARTESIA, NM • HOBBS, NM

Date: _____ Time: _____ Project Manager: *m. Stubblefield*

Project Number and Name: *Quantum Resources Artesia UT No 82 release.*

Notes: _____

