### 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



October 17, 2011

MIKE STUBBLEFIELD

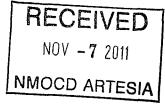
TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ARTESIA UNIT #32

(004



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 Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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 (575) 745-8905 Fax To:

Received:

10/13/2011

Sampling Date:

10/11/2011

Reported:

10/17/2011

Sampling Type:

Soil

Project Name:

ARTESIA UNIT #32

Sampling Condition:

\*\* (See Notes)

Project Number:

701407.009.01

Sample Received By:

Jodi Henson

Project Location:

Analyte

Analyte

Analyte

SEC. 36-T17S.R28E

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

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Result

Analyzed

Method Blank

BS

% Recovery 108

True Value QC

RPD

3.64

RPD

3.64

Qualifier

Chloride

Chloride

112

Result

2360

Reporting Limit 16.0

Reporting Limit

16.0

Reporting Limit

10/15/2011

Analyzed

10/15/2011

ND

432

BS

432

400

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

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Method Blank

ND

True Value QC

400

Qualifier

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

Chloride, SM4500Cl-B

Analyzed By: HM

BS

% Recovery

108

Chloride

Result 1220

Method Blank ND

True Value QC % Recovery

RPD

Qualifier

16.0

Analyzed 10/15/2011

432

108

400

3.64

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

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte Result Chloride 16.0

Reporting Limit 16.0

Analyzed 10/15/2011 Method Blank

ND

BS 432 % Recovery

108

True Value QC

400

RPD 3.64

Qualifier

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene

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 SM4500Ci-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

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Celey & Keene

Celey D. Keene, Lab Director/Quality Manager

# Laboratories

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, MM 88240

Company Mam	(575) 393-2326 FAX (575) 393-24 e:		Later Elli	A	NALYSIS REQUEST	
Project Manager: Mike Sto Ble field			P.O. #:			
Address:	408 WAT TOXUE AVE.		Company: Tulin/cpk			
City:	Artesia State: NM	Zip: 28210	Attn:			
Phone #:			Address:			
Project #: 901407 609.01 Project Owner: Quantum Res 1700.			Gity:			
			State: Zip:			
Project Locatio	m: sec. 36-T175 RZ8E		Phone #:			
Sampler Maine:			Pax ik	الان		
FOR LAB USE ONLY		MATRIX	PRESERV! SAMPLING	1 . 3		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	R: R:	Total chlorides		
H102211		(G)RAB OR GROUNDW WASTEWA- SOIL OIL SLUDGE	OTHER: ACIDIBASE: OTHER: OTHER: MANUAL MANUA	13		
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	Time:	! 				
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2 Cardinal	cannot accept verbal changes. Place					Page 4



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.

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Benzene, Toluene, Ethyl Benzene, and Total Xylenes

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Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V2, V3)

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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:

10/13/2011

Reported:

10/17/2011

Project Name: Project Number: ARTESIA UNIT #32 701407.009.01

Project Location:

SEC. 36-T17S.R28E

Sampling Date:

Sampling Type: Soil

Sampling Condition:

\*\* (See Notes)

Sample Received By:

Jodi Henson

10/11/2011

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

Chloride, SM4500Cl-B

Chloride

Chloride

Chloride

Chloride

mg/kg

Analyzed By: HM

Analyte

Result

112

Result

2360

Result

1220

Result

16.0

Reporting Limit 16.0

Reporting Limit

16.0

16.0

Reporting Limit

16.0

Analyzed 10/15/2011

Analyzed

10/15/2011

10/15/2011

10/15/2011

Method Blank ND

BS 432

BS

432

108

% Recovery

% Recovery

108

108

True Value QC 400

True Value QC

400

Qualifier

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

Chloride, SM4500CI-B

Analyzed By: HM

Method Blank

ND

3.64

RPD

RPD

3.64

Qualifier

Qualifier

· Analyte

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

Analyzed By: HM

Analyte

Analyte

Reporting Limit Analyzed Method Blank ND

BS 432 % Recovery True Value QC RPD

3.64

Qualifier

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

Chloride, SM4500CI-B

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

Analyzed

Method Blank ΝD

BS 432

% Recovery 108

True Value QC 400

400

RPD 3,64

Cardinal Laboratories

\*=Accredited Analyte

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Celeg & Kreene

Celey D. Keene, Lab Director/Quality Manager



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Cardinal Laboratories

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Celeg & Keine

## Laboratories

### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NW 88240 4876 393,2326 FAY (676) 393,2476

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City:	Artesia State: NM	Zip: 28210	Attn:				
Phone #:	505-441-2254 Fax#:		Address:				
Project#:	201407 GOLOL Project Owner	" Quantus Ros Mus	City:				
Project Name:	Aneria UT No 32		State: Zip:				
Project Location	: sec 36-T195 RZ8E _		Phone #:				
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## **Project Map / Site Diagram**

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## **Project Map / Site Diagram**

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