

## Bratcher, Mike, EMNRD

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**From:** Michael Stubblefield [mstubblefield@talonlpe.com]  
**Sent:** Wednesday, January 25, 2012 7:58 AM  
**To:** Bratcher, Mike, EMNRD  
**Subject:** FW: ARTESIA UNIT NO 88  
**Attachments:** H200094 TALON.pdf

Dear Mr. Mike Bratcher,

Talon/LPE is sending you the analytical results for the soil samples collected on 1/16/2012 at the Quantum Resources Management, LLC Artesia No. 88 release. The impacted soil has been excavated as practicable to 10'-deep. Quantum Resources Management, LLC is requesting approval to backfill the excavated area to 4' below ground surface, a 20 Mil. liner will be placed into the bottom of the excavation, the excavated area will then be backfilled to grade using new soil transported to the location.

**Mike Stubblefield**  
Project Manager  
Talon/LPE  
408 West Texas Avenue  
Artesia, New Mexico 88210  
(575) 746.8768 phone  
(575) 746.8905 fax  
(575) 441.7254 cell  
[www.talonlpe.com](http://www.talonlpe.com)



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist  
Staples Foundation for Learning Hall of Fame Recipient: 2010  
ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006  
Inc. 500/5000: 2011, 2010, 2009, 2008, 2007

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**From:** Celey Keene [mailto:[celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)]  
**Sent:** Thursday, January 19, 2012 2:15 PM  
**To:** Michael Stubblefield  
**Cc:** David Adkins  
**Subject:** ARTESIA UNIT NO 88

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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January 26, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ARTESIA UNIT #88

Enclosed are the results of analyses for samples received by the laboratory on 01/25/12 11:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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 (V1, 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 that reads "Celey D. Keene". The signature is written in a cursive 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: 01/25/2012  
 Reported: 01/26/2012  
 Project Name: ARTESIA UNIT #88  
 Project Number: 701407.012.01  
 Project Location: SEC. 26 - T17S-R27E

 Sampling Date: 01/24/2012  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: S-8 SOUTHSIDE WALL 10' BGS (H200182-01)**

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: HM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 64.0   | 16.0            | 01/26/2012 | ND              | 448 | 112        | 400           | 3.64 |           |  |

**Sample ID: S-9 SOUTH OF LEASE ROAD 0' (H200182-02)**

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: HM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 336    | 16.0            | 01/26/2012 | ND              | 448 | 112        | 400           | 3.64 |           |  |

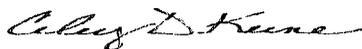
**Sample ID: S-9 SOUTH OF LEASE ROAD 1' BGS (H200182-03)**

| Chloride, SM4500Cl-B |        | mg/kg           |            | Analyzed By: HM |     |            |               |      |           |  |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte              | Result | Reporting Limit | Analyzed   | Method Blank    | BS  | % Recovery | True Value QC | RPD  | Qualifier |  |
| Chloride             | 800    | 16.0            | 01/26/2012 | ND              | 448 | 112        | 400           | 3.64 |           |  |

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

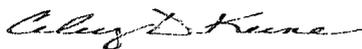
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference                    :.
- \*\* Samples not received at proper temperature of 6°C or below.
- \*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below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

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\*=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

|   |  |                                       |  |                           |             |            |      |                         |         |          |           |                 |          |                  |                  |                |  |  |  |  |  |  |  |  |  |  |
|---|--|---------------------------------------|--|---------------------------|-------------|------------|------|-------------------------|---------|----------|-----------|-----------------|----------|------------------|------------------|----------------|--|--|--|--|--|--|--|--|--|--|
| 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 West Texas Ave.</u>                                     |  |                                       |  | Company: <u>Talon/LPE</u> |             |            |      |                         |         |          |           |                 |          |                  |                  |                |  |  |  |  |  |  |  |  |  |  |
| City: <u>Artesia</u> State: <u>NM</u> Zip: <u>88210</u>                 |  |                                       |  | Attn:                     |             |            |      |                         |         |          |           |                 |          |                  |                  |                |  |  |  |  |  |  |  |  |  |  |
| Phone #: <u>505-441-7234</u> Fax #:                                     |  |                                       |  | Address:                  |             |            |      |                         |         |          |           |                 |          |                  |                  |                |  |  |  |  |  |  |  |  |  |  |
| Project #: <u>701407.012.01</u> Project Owner: <u>Quantum Rec. Mar.</u> |  |                                       |  | City:                     |             |            |      |                         |         |          |           |                 |          |                  |                  |                |  |  |  |  |  |  |  |  |  |  |
| Project Name: <u>Artesia Unit No 88</u>                                 |  |                                       |  | State: Zip:               |             |            |      |                         |         |          |           |                 |          |                  |                  |                |  |  |  |  |  |  |  |  |  |  |
| Project Location: <u>sec. 26-T7S-R27E</u>                               |  |                                       |  | Phone #:                  |             |            |      |                         |         |          |           |                 |          |                  |                  |                |  |  |  |  |  |  |  |  |  |  |
| Sampler Name: <u>Mike Stubblefield</u>                                  |  |                                       |  | Fax #:                    |             |            |      |                         |         |          |           |                 |          |                  |                  |                |  |  |  |  |  |  |  |  |  |  |
| FOR LPS USE ONLY  |  |                                       |  |                           |             |            |      |                         |         |          |           |                 |          |                  |                  |                |  |  |  |  |  |  |  |  |  |  |
| Lab I.D.  |  | Sample I.D.                           |  | # CONTAINERS              | MATRIX      |            |      |                         | PRESERV | SAMPLING |           | Total chlorides |          |                  |                  |                |  |  |  |  |  |  |  |  |  |  |
|   |  |                                       |  |                           | GROUNDWATER | WASTEWATER | SOIL | OIL                     | SLUDGE  | OTHER    | ACID/RASL |                 | ICE/COOL | OTHER            | DATE             | TIME           |  |  |  |  |  |  |  |  |  |  |
| <u>H200182</u>  |  |                                       |  |                           |             |            |      |                         |         |          |           |                 |          |                  |                  |                |  |  |  |  |  |  |  |  |  |  |
| <u>1</u>  |  | <u>S-8 South side wall 10' bgs</u>    |  | <u>5</u>                  |             |            |      |                         |         |          |           |                 |          |                  | <u>1/24/2012</u> | <u>1:44 PM</u> |  |  |  |  |  |  |  |  |  |  |
| <u>2</u>  |  | <u>S-9 South of lease road 0'</u>     |  | <u>6</u>                  |             |            |      |                         |         |          |           |                 |          | <u>1/24/2012</u> | <u>1:54 PM</u>   |                |  |  |  |  |  |  |  |  |  |  |
| <u>3</u>  |  | <u>S-9 South of lease road 1' bgs</u> |  | <u>6</u>                  |             |            |      |                         |         |          |           |                 |          | <u>1/24/2012</u> | <u>1:58 PM</u>   |                |  |  |  |  |  |  |  |  |  |  |

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|  |   |  |   |
|--|---|--|---|
| Relinquished By: <u>Mike Stubblefield</u>  | Date: <u>1/24/2012</u>  | Received By: <u>Kimberly M. Wilson</u> | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: |
| Relinquished By: <u>Kimberly M. Wilson</u> | Date: <u>1/25/12</u>  | Received By: <u>Placido</u>            | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:     |
| Delivered By: (Circle One)                 | Date: <u>1/25/2012</u>  | Time: <u>11:32 AM</u>                  | REMARKS: <u>ZUSA!!</u>  |
| Sampler - UPS - Bus - Other:               | Sample Condition  | CHECKED BY: (Initials)                 |   |
|  | Cool Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No | <u>JK</u>                              |   |
|  | Seal Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No |  |   |

#26