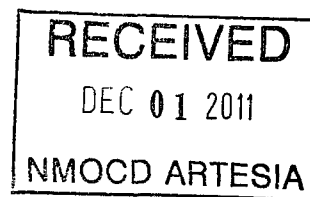




December 1, 2011



Mr. Mike Bratcher
NMOCD District 2
1301 West Grand Avenue
Artesia, NM 88210

AMARILLO
921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

ARTESIA
408 West Texas Ave.
Artesia, New Mexico 88210
Phone 575.746.8768
Fax 575.746.8905

AUSTIN
911 West Anderson Lane
Suite 202
Austin, Texas 78757
Phone 512.989.3428
Fax 512.989.3487

HOBBS
318 East Taylor Street
Hobbs, New Mexico 88240
Phone 575.393.4261
Fax 575.393.4658

MIDLAND
2901 State Hwy 349
Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

SAN ANTONIO
11 Commercial Place
Schertz, Texas 78154
Phone 210.265.8025
Fax 210.568.2191

TULSA
525 South Main Street
Suite 535
Tulsa, Oklahoma 74103
Phone 918.742.0871
Fax 918.382.0232

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Subject: **Soil Assessment and Remediation Work Plan**
Quantum Resources Management, LLC
Artesia Battery Transfer Line Release
API # 30-015-01783 – 2RP-768
Revision

Dear Mr. Bratcher,

Quantum Resources Management, LLC has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Artesia Battery Transfer Line release. The results of our soil assessment and proposed remediation activities consist of the following:

Incident Date

April 20, 2011

Background Information

The Artesia Battery Transfer Line is located approximately sixteen (16) miles southeast of Artesia, New Mexico. The legal location for the site is Section 2, Township 18 South and Range 28 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the release are 32.7814 North and -104.14802 West.

This site lies on undulating plains and low hills consisting of wind worked sandy deposits. Drainage courses in this area are normally dry. The local surface and shallow geology consists of Quaternary Age sedimentary deposits comprised of alluvium and eolian sands underlain by sand stone and hard caliches. The New Mexico State Engineer web site indicates the nearest ground water data to be in S35-T18S-R28E. The ground water in Section 35 is reported to be 65' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 10 based on the as following:

Depth to ground water	50'-100'
Wellhead Protection Area	>1000'
Distance to surface water body	>1000'

Toll Free: 866.742.0742
www.talonlpe.com

Incident Description

On April 20, 2011 the water transfer line was found to be leaking. The line was shut-in, repaired and placed back into service. Fifteen (15) barrels of produced water was released with no fluids recovered. The release is located on the transfer line west of the Artesia Unit No. 34 well location. The impacted area was measured to be approximately 32-feet long by 21-feet wide. The visually impacted soil was immediately excavated to a depth of 4-feet and placed on a liner. The excavated area along the water transfer line measured approximately 32-feet long by 8-feet wide.

Actions Taken

On April 27, 2011 Talon mobilized personnel to begin the assessment and soil sampling for the construction of a work plan. Grab soil samples were collected utilizing a backhoe. The soil samples labeled S-1 were collected from the impacted area to a depth of 8-feet below land surface.

On May 26, 2011 Talon mobilized personnel again to the site for additional samplings at greater depths utilizing a split spoon auger rig. Grab soil samples from location S-2 were collected from inside the impacted area from the depth of 10-feet bgs to a depth of 20-feet bgs. Additional samples were collected at S-1 at a depth of 10-feet and 14-feet. Refusal was encountered at 20-feet below land surface.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis of chlorides using method SM4500Cl-B. The complete laboratory report is attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

May 25, 2011			June 4, 2011		
<u>Sample</u>	<u>Depth</u>	<u>Chlorides (mg/kg)</u>	<u>Sample</u>	<u>Depth</u>	<u>Chlorides (mg/kg)</u>
S-1	1'	51200	S-1	10'	32
S-1	2'	10400	S-1	14'	528
S-1	4'	15600	S-2	10'	320
S-1	6'	15200	S-2	14'	6080
S-1	8'	1500	S-2	20'	416

Summary and Conclusion

- Groundwater in the project vicinity is greater than 50-feet below land surface per the New Mexico State Engineer Database.
- Based upon the results of the laboratory data obtained for this investigation, the vertical impacts of the chloride release have been documented at 528 mg/kg at S-1 and 416 mg/kg in the soil sample S-2 at 20-feet bgs.

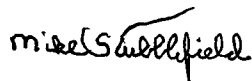
Proposed Remedial Actions

- The chloride impacted soil from this release will be excavated to the maximum extent practicable. The excavated soil will be transported to an NMOCD approved solid waste disposal facility.
- Post excavation soil samples will be collected from the side walls of the excavated area. The soil samples collected will be submitted to Cardinal Laboratories for analysis of total chlorides using method SM4500Cl-B.
- Upon NMOCD approval of the confirmation samples, a 20 Mil liner may be installed into the bottom of the excavated area.
- The excavated area will be backfilled to grade using new material transported from a local borrow pit, contoured to match existing terrain and seeded using an approved seed mixture for the area.
- A final report will be provided to the NMOCD Artesia Office including Form C-141.

If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE

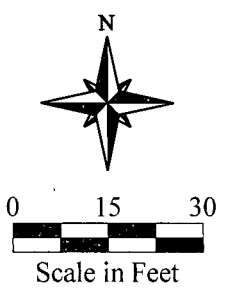
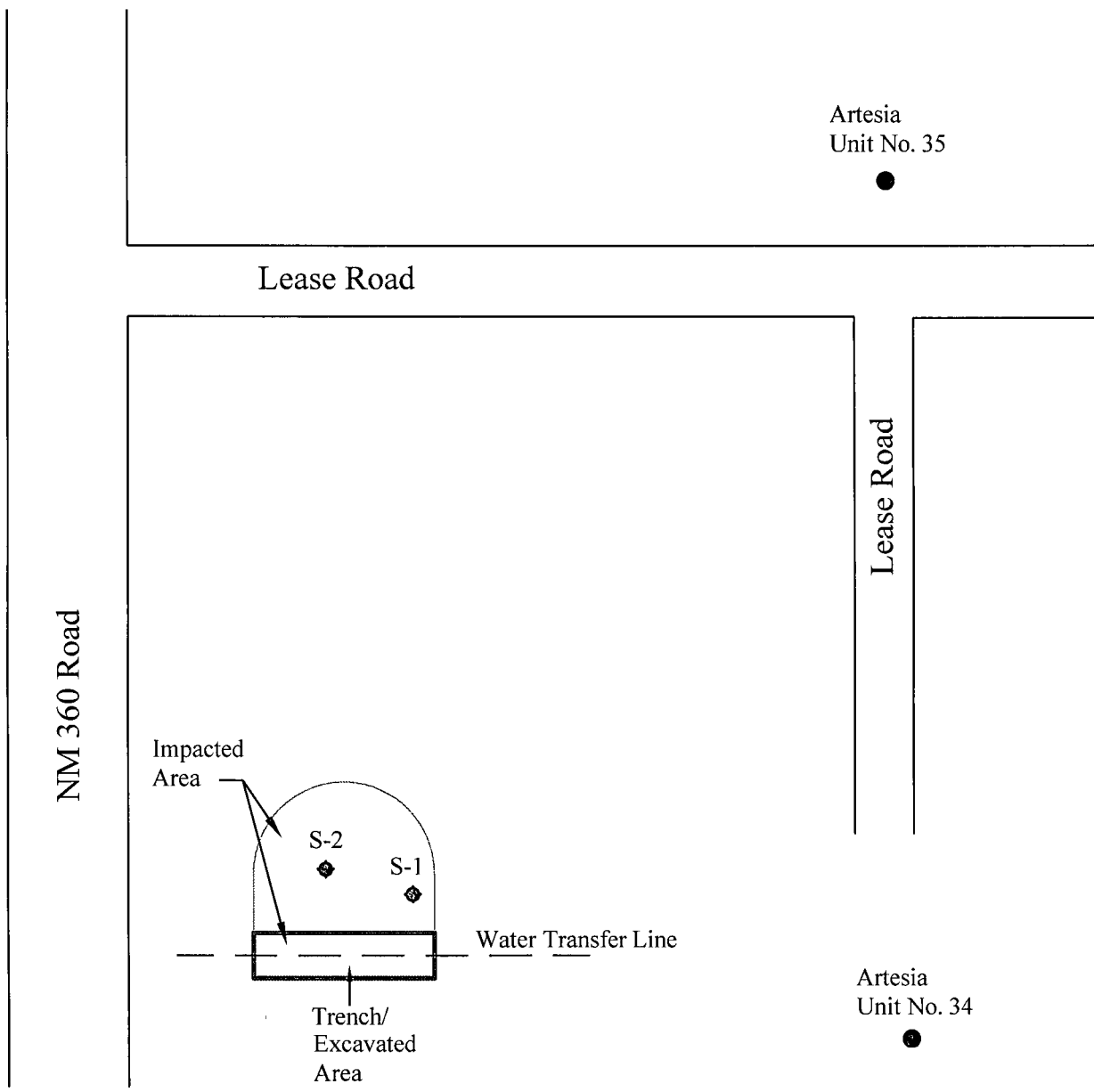


Mike Stubblefield
Project Manager



David J. Adkins
District Manager

SITE MAP



Legend	
	- Sample Locations
	- Water Transfer Line



Date: 07/08/2011
Scale: 1" = 30'
Drawn By: TJS

Artesia Battery Transfer Line - Artesia Unit No. 34
Quantum Resources Management, LLC
Eddy County, New Mexico
Site Plan

APPENDIX I
GROUNDWATER DATA
INITIAL C-141



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the
POD suffix indicates the
POD has been replaced
& no longer serves a
water right file.)

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Code	Subbasin	County	Q 1	Q 2	Q 3	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 01142 POD1	L		LE	2	4	15		18S	28E		578921	3623453*	4416	80		
L 01150 POD1	L		LE	1	1	35		18S	28E		579344	3619433*	8254	135	65	70
RA 09588			ED	1	2	33		18S	28E		576976	3619384*	8913	300		
RA 04561			ED	4	2	26		17S	27E		570871	3630142*	9836	250		

Average Depth to Water: **65 feet**

Minimum Depth: **65 feet**

Maximum Depth: **65 feet**

Record Count: 4

UTMNAD83 Radius Search (in meters):

Easting (X): 580379

Northing (Y): 3627622

Radius: 10000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

30-015-01783

Release Notification and Corrective Action

NM481111850987

243874

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Quantum Resources Management, LLC	Contact Garrett Newton
Address 1905 West Sears Ave., Artesia, New Mexico 88210	Telephone No. 575-513-0230
Facility Name Artesia Battery Transfer line	Facility Type Water Transfer line

Surface Owner State	Mineral Owner State	Lease No.
---------------------	---------------------	-----------

LOCATION OF RELEASE

Unit Letter B	Section 2	Township T18S	Range R28E	Feet from the 330'	North/South Line FNL	Feet from the 2310'	East/West Line FEL	County EDDY
------------------	--------------	------------------	---------------	-----------------------	-------------------------	------------------------	-----------------------	----------------

Latitude 32.78140N Longitude 104.14802W

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 15 BBLS	Volume Recovered -0-
Source of Release Water Transfer line	Date and Hour of Occurrence 04/20/2011 9:00 am	Date and Hour of Discovery same
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? NMOCD/Mike Bratcher	
By Whom? Garrett Newton	Date and Hour 04/20/2011 11:45 pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

The Artesia Battery Transfer line was found to be leaking. The line was shut-in, excavated and repaired.
The impacted soil was excavated and placed on a liner.

RECEIVED

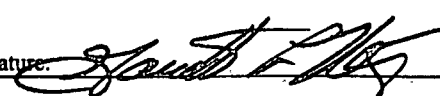

APR 28 2011

NMOCD ARTESIA

Describe Area Affected and Cleanup Action Taken.*

The release was located on the Transfer line west of the Artesia Unit No. 34 well location. The weather at the time of the release was dry and windy. The impacted area was measured to be thirty-two feet (32') long by twenty-one feet (21') wide. Talon/LPE has been contracted for the construction of a work plan and the correction of the impacted area.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Garrett Newton	Approved by District Supervisor: 	
Title: Field Supervisor	Approval Date: 4/28/2011	Expiration Date:
E-mail Address: gnewton@pvtnetworks.net	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 04/22/2011	Phone: 575-513-0230	

Remediation per OCD Rules &
Guidelines. SUBMIT REMEDIATION
PROPOSAL NOT LATER THAN:
5/28/2011

JRA 768

APPENDIX II
LABORATORY RESULTS

May 25, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ARTESIA BATTERY TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 05/24/11 10:21.

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.

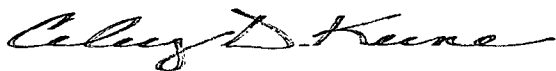
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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:	05/24/2011	Sampling Date:	04/27/2011
Reported:	05/25/2011	Sampling Type:	Soil
Project Name:	ARTESIA BATTERY TRANSFER LINE	Sampling Condition:	** (See Notes)
Project Number:	701402.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.2.T18S.R28E		

Sample ID: S - 1 - 0' (H101056-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	51200	16.0	05/25/2011	ND	432	108	400	0.00		

Sample ID: S - 1 - 2' (H101056-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10400	16.0	05/25/2011	ND	432	108	400	0.00		

Sample ID: S - 1 - 4' (H101056-03)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15600	16.0	05/25/2011	ND	432	108	400	0.00	


Sample ID: S - 1 - 6' (H101056-04)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15200	16.0	05/25/2011	ND	432	108	400	0.00	

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

Analytical Results For:

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

Received:	05/24/2011	Sampling Date:	04/27/2011
Reported:	05/25/2011	Sampling Type:	Soil
Project Name:	ARTESIA BATTERY TRANSFER LINE	Sampling Condition:	** (See Notes)
Project Number:	701402.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.2.T18S.R28E		

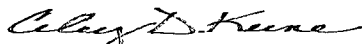
Sample ID: S - 1 - 8' (H101056-05)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15000	16.0	05/25/2011	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

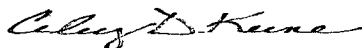
Notes and Definitions

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

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Talon/LPE</u>				BILL TO				ANALYSIS REQUEST																																					
Project Manager: <u>Mike Gusslerfeld</u>				P.O. #:																																									
Address: <u>408 W. Texas Ave.</u>				Company: <u>Quantum Res.</u>																																									
City: <u>Alcujin</u> State: <u>NM</u> Zip: <u>88210</u>				Attn:																																									
Phone #: <u>525-741-7354</u> Fax #: <u>525-746-8909</u>				Address:																																									
Project #: <u>201402.010.01</u> Project Owner: <u>Quantum Resources</u>				City:																																									
Project Name: <u>Artesia Battery Transfer Line</u>				State: Zip:																																									
Project Location: <u>Sr. 2 - T185 - R70E</u>				Phone #:																																									
Sampler Name: <u>Mike Gusslerfeld</u>				Fax #:																																									
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		(GIRAB OR (C)OMP. # CONTAINERS		MATRIX		PRESERV		SAMPLING		Total Chloride																															
						# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL																OIL		SLUDGE		OTHER		ACID/BASE		ICE / COOL		OTHER		DATE		TIME			
H101056																																													
1 S-1-0						2																																							
2 S-1-2						2																																							
3 S-1-4						2																																							
4 S-1-6						2																																							
5 S-1-8						2																																							

PLEASE NOTE: Liability and Damages. Cardinal's liability, and client's exclusive remedy for any claim arising whether listed in contract or not, 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>Mike Gusslerfeld</u>		Date: <u>5/24/2011</u>		Received By: <u>Jodi Benson</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: <u>10:21A</u>		Date:		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Time:				REMARKS:			
Delivered By: (Circle One)				Sample Condition		CHECKED BY:			
Sampler - UPS - Bus - Other:				Cool Intact		(Initials)			
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<u>gjh</u>			



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

June 04, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ARTESIA BATTERY TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 06/02/11 11:45.

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:	06/02/2011	Sampling Date:	05/26/2011
Reported:	06/04/2011	Sampling Type:	Soil
Project Name:	ARTESIA BATTERY TRANSFER LINE	Sampling Condition:	** (See Notes)
Project Number:	701402.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.2.T18S.R28E		

Sample ID: S-1 10' (H101137-01)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/03/2011	ND	416	104	400	3.77	

Sample ID: S-1 14' (H101137-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	06/03/2011	ND	416	104	400	3.77	

Sample ID: S-2 10' (H101137-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/03/2011	ND	416	104	400	3.77	

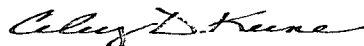
Sample ID: S-2 14' (H101137-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6080	16.0	06/03/2011	ND	416	104	400	3.77		

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

Analytical Results For:

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

Received:	06/02/2011	Sampling Date:	05/26/2011
Reported:	06/04/2011	Sampling Type:	Soil
Project Name:	ARTESIA BATTERY TRANSFER LINE	Sampling Condition:	** (See Notes)
Project Number:	701402.010.01	Sample Received By:	Jodi Henson
Project Location:	SEC.2.T18S.R28E		

Sample ID: S-2 20' (H101137-05)

Chloride, SM4500Cl-B

mg/kg

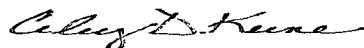
Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	06/03/2011	ND	432	108	400	3.77	

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

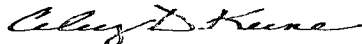
Notes and Definitions

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

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Jalon/LPE</u>		P.O. #: _____		ANALYSIS REQUEST															
Project Manager: _____		Company: <u>Jalon/LPE</u>		<div style="writing-mode: vertical-rl; transform: rotate(180deg);"> <u>Initial Observed</u> </div>															
Address: <u>408 W. Texas</u>		Attn: _____																	
City: <u>Artesia</u> State: <u>NM</u> Zip: <u>88210</u>		Address: _____																	
Phone #: <u>575-746-8768</u> Fax #: <u>575-746-8905</u>		City: _____																	
Project #: _____ Project Owner: <u>Quantum</u>		State: _____ Zip: _____																	
Project Name: <u>Artesia Battery Transfer Line</u>		Phone #: _____ Fax #: _____																	
Project Location: <u>2-TISS-R28E</u>		Sampler Name: <u>Mike Stubblefield</u>																	
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	# CONTAINERS	MATRIX	PRESERV	SAMPLING														
			GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACIDBASE ICE/COOL OTHER :	DATE	TIME													
<u>H101137</u>																			
<u>-1</u>	<u>S-1 10'</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>5-26-11</u>	<u>6:15p</u>	<u>/</u>												
<u>2</u>	<u>S-1 14'</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>5-26-11</u>	<u>6:19p</u>	<u>/</u>												
<u>3</u>	<u>S-2 10'</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>5-26-11</u>	<u>6:39p</u>	<u>/</u>												
<u>4</u>	<u>S-2 14'</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>5-26-11</u>	<u>6:51p</u>	<u>/</u>												
<u>5</u>	<u>S-2 20'</u>	<u>/</u>	<u>/</u>	<u>/</u>	<u>5-26-11</u>	<u>7:02p</u>	<u>/</u>												

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Relinquished By: _____	Date: <u>6/2/11</u> Time: <u>11:45</u>	Received By: <u>Godi Benson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Relinquished By: _____	Date: _____ Time: _____	Received By: _____	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>26</u>			REMARKS: _____	
Sample Condition Cool: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: <u>GH</u>		

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

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