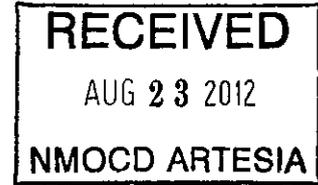




August 15, 2012



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

Subject: **Soil Assessment and Remediation Work Plan**
Lime Rock Resources II-A, L.P.
West Red Lake No. 60
30-015-28781 2RP-1168

Dear Mr. Bratcher,

Lime Rock Resources II-A, L.P. (Lime Rock) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced West Red Lake No. 60. The results of our soil assessment and proposed remediation activities are presented herein.

Incident Date

May 28, 2012

Background Information

The West Red Lake No. 60 is located approximately ten (10) miles southeast of Artesia, New Mexico. The legal location for the site is Section 5, Township 18 South and Range 27 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the release are 32.76944 North and -104.30223 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of weathered Gypsum. The local surface and shallow geology, Paleozoic Age sedimentary deposits, is comprised of the Guadeloupien Artesia Group, Tansil and Yates formations which include silty soils under lain by gypsum and hard caliches. Drainage courses in this area are normally dry. The New Mexico State Engineer web site indicates the nearest ground water data to be in S32-T17S-R27E. The ground water in the area is reported to be 140' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 0 based on the as following:

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

Incorrect
possible
Site Ranking
(HMD)

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742
www.talonlpe.com

Incident Description

On May 28, 2012 a 0.25-inch corroded valve failed at the wellhead causing 82 barrels of produced water to be released. The well was shut in, the valve was replaced and the impacted flow path was flushed with a load of fresh water. The release traveled across the location in a flow path measuring approximately 200-feet long by 54-feet wide. The release then traveled off the location and followed an erosion channel to the southwest ending east of the West Red Lake Unit No. 50 location. The entire flow path measured approximately 1,520-feet long by 4-feet to 75-feet wide in some locations. A site plan illustrating the impacted areas is attached.

Actions Taken

On June 7, 2012 Talon/LPE mobilized personnel to the site to carry out soil sampling activities for the construction of a work plan. Grab soil samples were collected utilizing a backhoe. The soil samples were collected from the impacted areas to a depth of 6-feet below land surface.

On June 26, 2012 and July 3, 2012 Talon personnel returned to the site to collect additional soil samples using a drill rig. Grab samples were collected from a depth of 8-18 feet below land surface.

On July 25, 2012 Talon personnel met on site with Mr. Mike Bratcher at the NMOCD and Lime Rock Resources personnel to discuss remediation options at this location. It was determined that no actions will be required in the draw. The location is to be remediated.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for volatile organics (BTEX) per EPA Method 8021B, Total Petroleum Hydrocarbons (TPH) per EPA Method 8015M, and total chlorides via Method SM 4500Cl-B. The complete laboratory report is attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

June 14, 2012

<u>Sample</u>	<u>Depth</u>	<u>BTEX</u>	<u>Chlorides</u>	<u>TPH (mg/kg)</u>
S-1, Location	0'	<0.150	41,600	15.4
	2'	--	2,680	--
	4'	--	1,220	--
	6'	--	1,920	--
S-2, off Location	0'	--	53,600	--
	1'	--	20,400	--
	2'	--	10,800	--

*Refusal w/backhoe @2'

<u>Sample</u>	<u>Depth</u>	<u>BTEX</u>	<u>Chlorides</u>	<u>TPH (mg/kg)</u>
S-3, Flowpath	0'	--	20,600	--
	1'	--	11,800	--
	2'	--	10,300	--
	2.5'	--	6,320	--
S-4, Flowpath	0'	--	30,400	--
	1'	--	2,400	--
	1.5'	--	2,160	--
S-5, Flowpath	0'	--	41,600	--
	1'	--	880	--
	2'	--	896	--
	3'	--	1,680	--
	4'	--	560	--
	6'	--	416	--

--Analyte Not Tested

July 3, 2012

<u>Sample</u>	<u>Depth</u>	<u>Chlorides (mg/kg)</u>
S-1, Location	8'	1,440
	10'	2,200
	12'	688
	18'	240
S-2, off Location	4'	272

July 10, 2012

<u>Sample</u>	<u>Depth</u>	<u>Chlorides</u>
B-7	0'	40,000
	2'	10,400
	4'	1,600
	6'	432
	8'	272
	10'	320
	14'	32
	16'	80

<u>Sample</u>	<u>Depth</u>	<u>Chlorides (mg/kg)</u>
B-8	0'	88,800
	2'	11,800
	4'	384
	6'	1,140
	8'	256
	12'	640
	14'	144
	16'	48
B-9, Background	0'	16
	5'	512
	10'	832

For this site's ranking, New Mexico Oil Conservation District action level criterion for BTEX is 50 mg/kg, Benzene is 10 mg/kg and TPH is 5,000 mg/kg. Chloride cleanup levels are considered to be 1,000 mg/kg.

Summary

- The depth to groundwater in the project vicinity is 140-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 chlorides have been documented to extend 10-feet below ground surface on the location and 4-6 feet deep in the flow path.

Proposed Remedial Actions

- The impacted soil within the cellar of the wellhead will be excavated to a depth of 4-feet deep and the chloride impacted area on location will be excavated to approximately 0.5-feet deep.
- The impacted soil immediately off the location at sample point S-2 will be excavated to a depth of 1-foot deep.
- The excavated soil will be transported to a NMOCD approved solid waste disposal facility.
- The location will be reconstructed using caliche from a local borrow pit.
- The excavated area at S-2 will be backfilled to grade using new material transported from a local borrow pit. The area will be contoured to match existing terrain and be seeded using the recommended BLM seed mix for the area.

- No actions will be required down the draw per July 25, 2012 meeting with Mike Bratcher of the NMOCD.
- A berm will be installed using material transported from a local borrow pit around the location and in front of the drilling pit to prevent future run off.
- A final report documenting all field activities and lab reports will be provided to the NMOCD Artesia Office and the BLM including Form C-141.

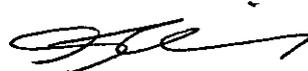
If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE

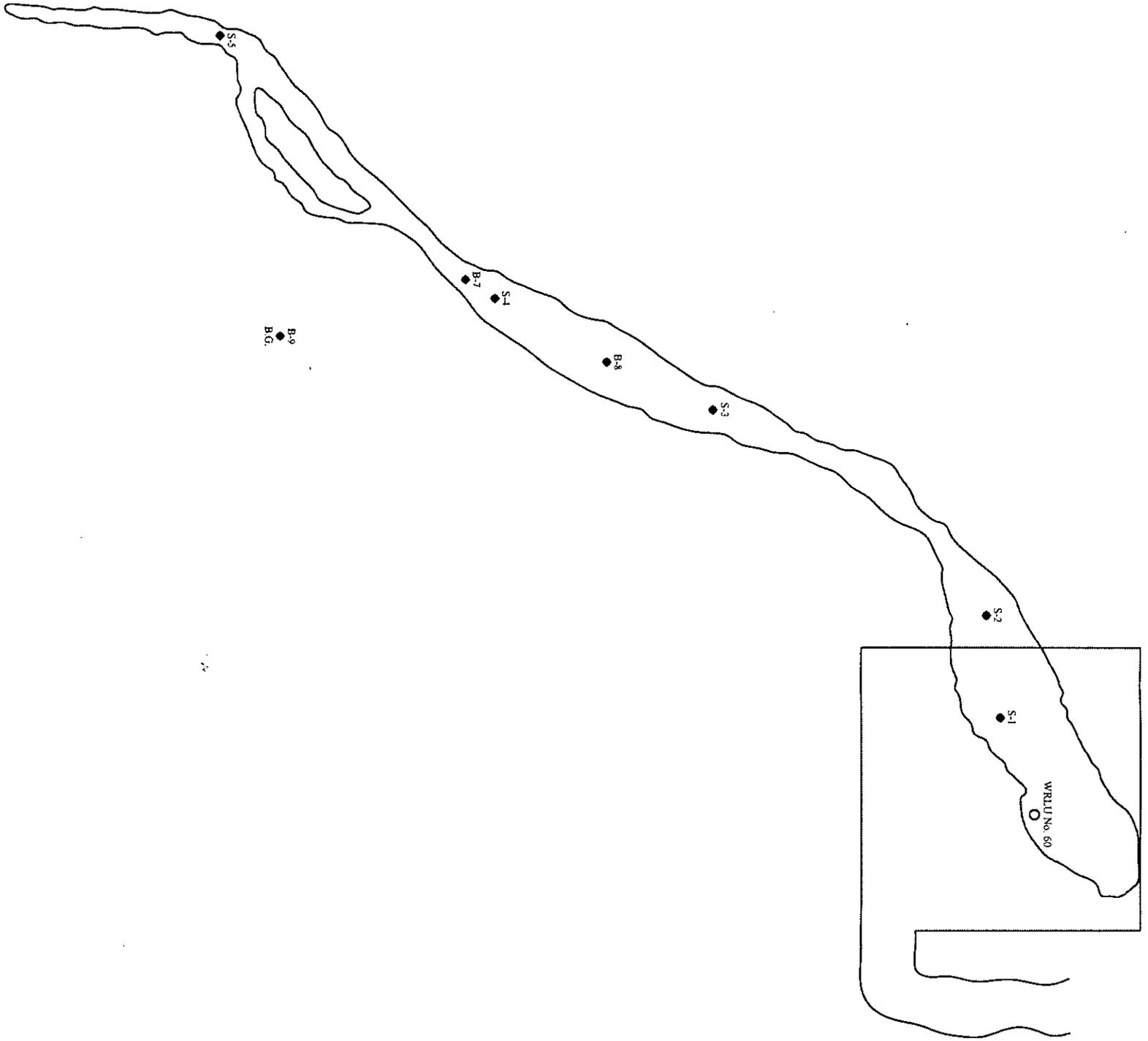
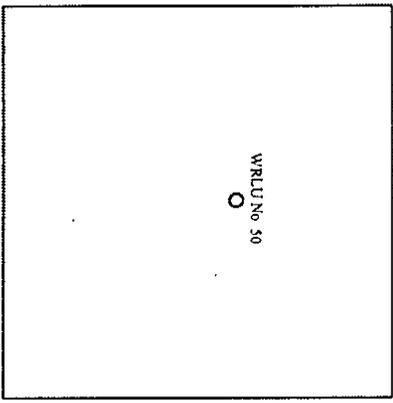


Mike Stubblefield
Project Manager



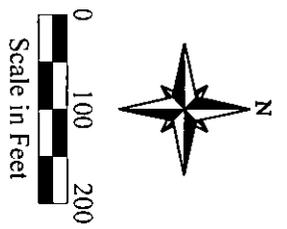
David J. Adkins
District Manager

SITE MAP



B-9
B-G

Legend
◆ - Sample Location



Date: 07/11/2012

Scale: 1" = 200'

Drawn By: TJS

West Red Lake Unit No. 60
Lime Rock Resources, LLC
Eddy County, New Mexico
Figure 1 - 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 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
<u>RA 03714</u>			CH	4	4	2	08	18S	27E	566212	3625253*	1445	381		
<u>RA 03661</u>			ED	3	2	3	32	17S	27E	565186	3628038*	1998	330	140	190
<u>RA 03664</u>			CH	3	2	3	32	17S	27E	565186	3628038*	1998	400	100	300
													Average Depth to Water:		120 feet
													Minimum Depth:		100 feet
													Maximum Depth:		140 feet

Record Count: 3

UTMNAD83 Radius Search (in meters):

Easting (X): 565005

Northing (Y): 3626048

Radius: 2000

565357.12

3625943.12

*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

RECEIVED
JUN 07 2012
NMOCD ARTESIA

Form C-141
Revised October 10, 2003
Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

MLB 121674727 OPERATOR Initial Report Final Report

Name of Company	Lime Rock Resources II-A, LP <i>277558</i>	Contact	Michael Barrett
Address	1111 Bagby St Suite 4600 Houston, Tx 77002	Telephone No.	575-623-8424
Facility Name	West Red Lake Unit #60	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	BLM
		Lease No. API #	30-015-28781

LOCATION OF RELEASE

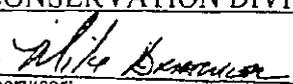
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	5	18S	27E	50'	FSL	1930'	FWL	Eddy

Latitude 32.76944 Longitude 104.30223

NATURE OF RELEASE

Type of Release	Produced Water	Volume of Release	82 bbls	Volume Recovered	0 bbls
Source of Release	1/4" needle valve on filter pot @ wellhead	Date and Hour of Occurrence	5/28/12 am	Date and Hour of Discovery	5/28/12 @ 8 am
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Voice mail to OCD & BLM		
By Whom?	Michael Barrett w/ LRR	Date and Hour	5/28/12 @ 6pm		
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.* 1/4" needle valve blew out of filter pot (threads eroded). Isolated well, plan to sample and submit work plan.					
Describe Area Affected and Cleanup Action Taken.* Rock and Caliche. Talon LPE has been contracted to do a site assessment and formulate a work plan.					

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: Michael Barrett	Signed By  Approved by District Supervisor:	
Title: Production Supervisor	Approval Date: JUN 13 2012	Expiration Date:
E-mail Address: mbarrett@limerockresources.com	Conditions of Approval: Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION PROPOSAL NOT LATER THAN:	Attached <input type="checkbox"/>
Date: 5/31/12 Phone: 575-623-8424	<u>7/13/2012</u>	

* Attach Additional Sheets If Necessary

PROPOSAL NOT LATER THAN:
7/13/2012

2RA-1168

APPENDIX II
LABORATORY RESULTS



June 14, 2012

MIKE STUBBLEFIELD
TALON LPE
408 W. TEXAS AVE.
ARTESIA, NM 88210

RE: WEST RED LAKE UNIT NO. 60

Enclosed are the results of analyses for samples received by the laboratory on 06/08/12 13:34.

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/ga/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, appearing to read "Celey D. Keene", 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:	06/08/2012	Sampling Date:	06/07/2012
Reported:	06/14/2012	Sampling Type:	Soil
Project Name:	WEST RED LAKE UNIT NO. 60	Sampling Condition:	Cool & Intact
Project Number:	701307.038.06	Sample Received By:	Jodi Henson
Project Location:	SEC. 5 - T18S - R27E		

Sample ID: S-1 0' LOCATION (H201297-01)

BTEX 8021B		mg/kg		Analyzed By: ZZZ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/13/2012	ND	2.10	105	2.00	4.88	
Toluene*	<0.050	0.050	06/13/2012	ND	2.17	109	2.00	2.07	
Ethylbenzene*	<0.050	0.050	06/13/2012	ND	2.21	111	2.00	1.77	
Total Xylenes*	<0.150	0.150	06/13/2012	ND	6.86	114	6.00	0.457	

Surrogate: 4-Bromofluorobenzene (PIL) 104 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	41600	16.0	06/12/2012	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/12/2012	ND	176	88.0	200	4.28	
DRO >C10-C28	15.4	10.0	06/12/2012	ND	172	86.2	200	7.49	

Surrogate: 1-Chlorooctane 96.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

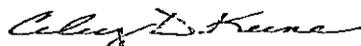
Sample ID: S-1 2' (H201297-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	06/12/2012	ND	432	108	400	0.00	

Cardinal Laboratories

*=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:	06/08/2012	Sampling Date:	06/07/2012
Reported:	06/14/2012	Sampling Type:	Soil
Project Name:	WEST RED LAKE UNIT NO. 60	Sampling Condition:	Cool & Intact
Project Number:	701307.038.06	Sample Received By:	Jodi Henson
Project Location:	SEC. 5 - T18S - R27E		

Sample ID: S-1 4' (H201297-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	06/12/2012	ND	432	108	400	0.00		

Sample ID: S-1 6' (H201297-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	06/12/2012	ND	432	108	400	0.00		

Sample ID: S-2 0' OFF LOCATION (H201297-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	53600	16.0	06/12/2012	ND	432	108	400	0.00		

Sample ID: S-2 1' (H201297-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20400	16.0	06/12/2012	ND	432	108	400	0.00		

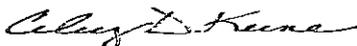
Sample ID: S-2 2' (H201297-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10800	16.0	06/12/2012	ND	432	108	400	0.00		

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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:	06/08/2012	Sampling Date:	06/07/2012
Reported:	06/14/2012	Sampling Type:	Soil
Project Name:	WEST RED LAKE UNIT NO. 60	Sampling Condition:	Cool & Intact
Project Number:	701307.038.06	Sample Received By:	Jodi Henson
Project Location:	SEC. 5 - T18S - R27E		

Sample ID: S-3 0' FLOWPATH (H201297-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20600	16.0	06/12/2012	ND	432	108	400	0.00		

Sample ID: S-3 1' (H201297-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11800	16.0	06/12/2012	ND	416	104	400	0.00		

Sample ID: S-3 2' (H201297-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10300	16.0	06/12/2012	ND	416	104	400	0.00		

Sample ID: S-3 2.5 BGS (H201297-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6320	16.0	06/12/2012	ND	416	104	400	0.00		

Sample ID: S-4 0' FLOWPATH (H201297-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	30400	16.0	06/12/2012	ND	416	104	400	0.00		

Cardinal Laboratories

* = 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:	06/08/2012	Sampling Date:	06/07/2012
Reported:	06/14/2012	Sampling Type:	Soil
Project Name:	WEST RED LAKE UNIT NO. 60	Sampling Condition:	Cool & Intact
Project Number:	701307.038.06	Sample Received By:	Jodi Henson
Project Location:	SEC. 5 - T18S - R27E		

Sample ID: S-4 1' BGS (H201297-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2400	16.0	06/12/2012	ND	416	104	400	0.00		

Sample ID: S-4 1.5' BGS (H201297-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2160	16.0	06/12/2012	ND	416	104	400	0.00		

Sample ID: S-5 0' FLOWPATH (H201297-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	41600	16.0	06/12/2012	ND	416	104	400	0.00		

Sample ID: S-5 1' BGS (H201297-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	06/12/2012	ND	416	104	400	0.00		

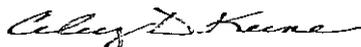
Sample ID: S-5 2' BGS (H201297-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	06/12/2012	ND	416	104	400	0.00		

Cardinal Laboratories

* = 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:	06/08/2012	Sampling Date:	06/07/2012
Reported:	06/14/2012	Sampling Type:	Soil
Project Name:	WEST RED LAKE UNIT NO. 60	Sampling Condition:	Cool & Intact
Project Number:	701307.038.06	Sample Received By:	Jodi Henson
Project Location:	SEC. 5 - T18S - R27E		

Sample ID: S-5 3' BGS (H201297-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1680	16.0	06/12/2012	ND	416	104	400	0.00		

Sample ID: S-5 4' BGS (H201297-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	06/12/2012	ND	416	104	400	0.00		

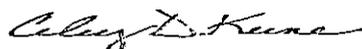
Sample ID: S-5 6' BGS (H201297-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	06/12/2012	ND	416	104	400	0.00		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

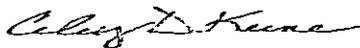
Notes and Definitions

- 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

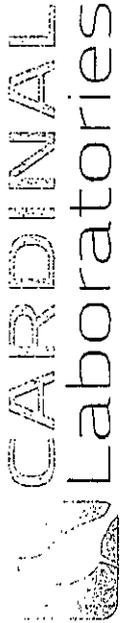
Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 - 3

Company Name: <i>Talton/LPE</i> Project Manager: <i>Mike Stubbins</i> Address: <i>408 West Tolson Ave.</i> City: <i>Albuquerque</i> State: <i>NM</i> Zip: <i>88210</i> Phone #: <i>505-491-7894</i> Fax #: Project #: <i>201309.033.01</i> Project Owner: <i>Lincoln Bolt Ass., LLC</i> Project Name: <i>West Red Land Unit No. 60</i> Project Location: <i>sec. 5-T18C-R20E</i> Sampler Name: <i>Mike Stubbins</i>		BILL TO P.O. #: Company: <i>Talton/LPE</i> Attn: Address: City: State: Phone #: Fax #:				
Lab I.D.	Sample I.D.	MATRIX	PRESERV	SAMPLING	DATE	TIME
1	S-1.0. Location	WASTEWATER	ICE/COOL	✓	6/12/2012	9:16A
2	S-1.2.	WASTEWATER	ICE/COOL	✓	6/12/2012	9:18A
3	S-1.4.	WASTEWATER	ICE/COOL	✓	6/12/2012	9:20A
4	S-1.6.	WASTEWATER	ICE/COOL	✓	6/12/2012	9:32A
5	S-2.0. off location	WASTEWATER	ICE/COOL	✓	6/12/2012	10:49A
6	S-2.1.	WASTEWATER	ICE/COOL	✓	6/12/2012	10:51A
7	S-2.2.	WASTEWATER	ICE/COOL	✓	6/12/2012	10:53A
8	S-3.0. flow path	WASTEWATER	ICE/COOL	✓	6/12/2012	10:54A
9	S-3.1.	WASTEWATER	ICE/COOL	✓	6/12/2012	11:00A
10	S-3.2.	WASTEWATER	ICE/COOL	✓	6/12/2012	11:01A

FOR LAB USE ONLY

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Reinquired By: *Mike Stubbins* Date: *6/18/2012*
 Time: *1:34*
 Received By: *Joe Henderson*
 Date: _____ Time: _____

Reinquired By: _____ Date: _____
 Time: _____

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: _____

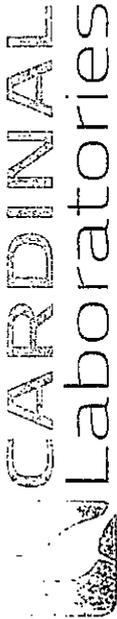
Sample Condition:
 Cool Intact
 Yes No
 Yes No

Checked By: _____ (Initials)
MS

152

REMARKS:
 8015M TPT
 8021B BTR
 Total chloride

Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #: _____
 Add'l Fax #: _____



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

2-3

Company Name: <i>Tulip/CFE</i> Project Manager: <i>Mike Stepp</i> Address: <i>408 West Texas Ave.</i> City: <i>Alto</i> State: <i>NM</i> Zip: <i>88210</i> Phone #: <i>505-411-7251</i> Fax #: _____ Project #: <i>701507_038_01</i> Project Owner: <i>Lincoln Rock Rte, LLC</i> Project Name: <i>West Red Lake Unit 06-60</i> Project Location: <i>Sec. 5 T18S-R22E</i> Sampler Name: <i>Mike Stepp</i>		BILLY P.O. #: _____ Company: <i>Tulip/CFE</i> Altin: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		ANALYSIS REQUEST															
Lab I.D.	Sample I.D.	MATRIX			PRESERV			DATE	TIME	ANALYSIS REQUEST									
		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE			OTHER:	ACID/BASE	ICE/COOL	OTHER:						
11	S-3 2.5 bgs	5						6/17/2012	11:02A	Total Chloride									
12	S-4 0' flowpath	5						6/17/2012	11:15A										
13	S-4 1.5 bgs	5						6/17/2012	11:16A										
14	S-4 1.5' bgs	5						6/17/2012	11:17A										
15	S-5 0' flowpath	5						6/17/2012	12:15A										
16	S-5 1' bgs	5						6/17/2012	12:16A										
17	S-5 2' bgs	5						6/17/2012	12:17A										
18	S-5 3' bgs	5						6/17/2012	12:18A										
19	S-5 4' bgs	5						6/17/2012	12:19A										
20	S-5 6' bgs	5						6/17/2012	12:27A										

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 the client for the analysis. 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 this 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: *Mike Stepp* Date: *6/17/12* Time: *1:30*
 Received By: *Debi Dunbar* Date: _____ Time: _____

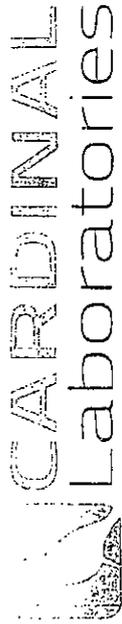
Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____

REMARKS:

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other

Sample Condition: Cool Intact
 Yes No Initials: *DD*

1.50



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

3-3

Company Name: <i>Talon/LPE</i> Project Manager: <i>Mike Stueffels</i> Address: <i>408 West Tostal Ave</i> City: <i>Artesia</i> State: <i>NM</i> Zip: <i>88710</i> Phone #: <i>505-441-2251</i> Fax #: Project #: <i>201300-038-01</i> Project Owner: <i>Tim Beck Inc, LLC</i> Project Name: <i>Site Remediation of 47th No 60</i> Project Location: <i>Sec 5-7185 P27E</i> Sampler Name: <i>Mike Stueffels</i>		BILL TO P.O. #: Company: <i>Talon/LPE</i> Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
FOR LAB USE ONLY Lab I.D. <i>H201297</i> <i>21</i>		Sample I.D. 		MATRIX <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input checked="" type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER:	
# CONTAINERS 		PRESERV <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> ACID/DASE <input type="checkbox"/> OTHER:		SAMPLING DATE <i>4/2/02 12:34 P</i> TIME 	
(G)RAD OR (C)OMP. 		<input checked="" type="checkbox"/> hold			

PLEASE NOTE: Liability and Damages. Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be barred 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, of, or to, 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: <i>Mike Stueffels</i> Relinquished By:	Received By: <i>John Jensen</i> Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - <u>Other</u>	Sample Condition Cool - Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Time: <i>1:50</i>



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

July 03, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: WEST RED LAKE UNIT NO. 60

Enclosed are the results of analyses for samples received by the laboratory on 06/29/12 16:15.

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.

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, flowing 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:	06/29/2012	Sampling Date:	06/26/2012
Reported:	07/03/2012	Sampling Type:	Soil
Project Name:	WEST RED LAKE UNIT NO. 60	Sampling Condition:	** (See Notes)
Project Number:	701307.038.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 5 - T18S - R27E		

Sample ID: S-1 8' BGS LOCATION (H201480-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	07/03/2012	ND	416	104	400	0.00	

Sample ID: S-1 10' BGS (H201480-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	07/03/2012	ND	416	104	400	0.00	

Sample ID: S-1 12' BGS (H201480-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	07/03/2012	ND	416	104	400	0.00	

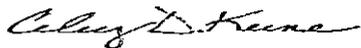
Sample ID: S-1 18' BGS (H201480-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	07/03/2012	ND	416	104	400	0.00	

Cardinal Laboratories

* = 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:	06/29/2012	Sampling Date:	06/26/2012
Reported:	07/03/2012	Sampling Type:	Soil
Project Name:	WEST RED LAKE UNIT NO. 60	Sampling Condition:	** (See Notes)
Project Number:	701307.038.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 5 - T18S - R27E		

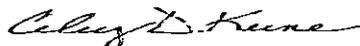
Sample ID: S-2 4' BGS OFF LOCATION (H201480-07)

Chloride, SM4500Cl-B	mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/03/2012	ND	416	104	400	0.00	

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

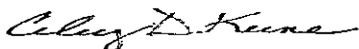
Notes and Definitions

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

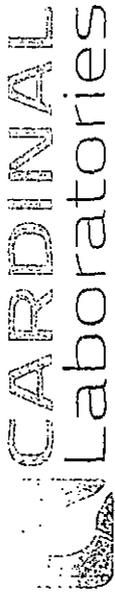
Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <i>Talon I.P.E.</i> Project Manager: <i>Mike Stubbelsfeld</i> Address: <i>409 West Truck Ave.</i> City: <i>Artesia</i> State: <i>NM</i> Zip: <i>88210</i> Phone #: <i>505-441-7254</i> Fax #: Project #: <i>201307-038-01</i> Project Owner: <i>Limpro Oil Rec.</i> Project Name: <i>West Red Lake Unit No. 60</i> Project Location: <i>sec. 5-T18S-R2NE</i> Sampler Name: <i>Mike Stubbelsfeld</i>		BILL TO Company: <i>Talon I.P.E.</i> Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST	
FOR LAB USE ONLY		PRESERV ICE/COOL: <input type="checkbox"/> OTHER: <input type="checkbox"/> ACID/BASE: <input type="checkbox"/> OTHER: <input type="checkbox"/>		SAMPLING DATE: TIME 6/24/12 10:10A 6/24/12 10:32A 6/26/12 10:38A 6/26/12 10:52A 6/26/12 11:42A 6/26/12 11:57A 6/26/12 1:30P 6/26/12 1:46P 6/26/12 2:00P 6/26/12 2:30P	
MATRIX GROUNDWATER: <input type="checkbox"/> WASTEWATER: <input type="checkbox"/> SOIL: <input type="checkbox"/> SLUDGE: <input type="checkbox"/> OTHER: <input type="checkbox"/>		# CONTAINERS (G)RAB OR (C)OMP: <input type="checkbox"/>		Total checked: <i>10</i>	
Lab I.D. <i>H2D1479</i>	Sample I.D. 1 S-1 8' 45" location 2 S-1 10' 45" 3 S-1 12' 45" 4 S-1 18' 45" 5 S-1 20' 45" 6 S-1 25' 45" 7 S-2 4' 45" OFF location 8 S-2 8' 45" 9 S-2 8' 45" 10 S-2 16' 45"				

PLEASE NOTE: Usability and Durability. Containers, labels and clients exclusive responsibility for any chain custody, wetting, bleed-through, or other damage to the sample. 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 profit, 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 theories stated herein.

Relinquished By: <i>Mike Stubbelsfeld</i>	Received By: <i>Archie Anderson</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Adult Phone #: Adult Fax #:
Date: <i>6/27/2012</i> Time: <i>4:15</i> Date: Time:	REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Checked By: <i>Archie Anderson</i>	

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326



July 10, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: WEST RED LAKE UNIT NO. 60

Enclosed are the results of analyses for samples received by the laboratory on 07/05/12 13:25.

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.

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 "Hope S. Moreno". The signature is written in a cursive, flowing style.

Hope Moreno

Inorganic Technical Director

Analytical Results For:

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

Received:	07/05/2012	Sampling Date:	07/03/2012
Reported:	07/10/2012	Sampling Type:	Soil
Project Name:	WEST RED LAKE UNIT NO. 60	Sampling Condition:	** (See Notes)
Project Number:	701307.038.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 5 - T18S - R27E		

Sample ID: BH - 7 0' IMPACTED AREA (H201525-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	40000	16.0	07/06/2012	ND	416	104	400	0.00	

Sample ID: BH - 7 2' BGS (H201525-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10400	16.0	07/06/2012	ND	416	104	400	0.00	

Sample ID: BH - 7 4' BGS (H201525-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	07/06/2012	ND	416	104	400	0.00	

Sample ID: BH - 7 6' BGS (H201525-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	07/06/2012	ND	416	104	400	0.00	

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* = Accredited Analyte

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Hope Moreno, Inorganic Technical Director

Analytical Results For:

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

Received:	07/05/2012	Sampling Date:	07/03/2012
Reported:	07/10/2012	Sampling Type:	Soil
Project Name:	WEST RED LAKE UNIT NO. 60	Sampling Condition:	** (See Notes)
Project Number:	701307.038.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 5 - T18S - R27E		

Sample ID: BH - 7 8' BGS (H201525-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	07/06/2012	ND	416	104	400	0.00		

Sample ID: BH - 7 10' BGS (H201525-06)

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	07/06/2012	ND	416	104	400	0.00		

Sample ID: BH - 7 14' BGS (H201525-07)

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	07/06/2012	ND	416	104	400	0.00		

Sample ID: BH - 7 16' BGS (H201525-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	07/06/2012	ND	416	104	400	0.00		

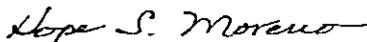
Sample ID: BH - 8 0' IMPACTED AREA (H201525-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	88800	16.0	07/06/2012	ND	416	104	400	0.00		

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Hope Moreno, Inorganic Technical Director

Analytical Results For:

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

Received:	07/05/2012	Sampling Date:	07/03/2012
Reported:	07/10/2012	Sampling Type:	Soil
Project Name:	WEST RED LAKE UNIT NO. 60	Sampling Condition:	** (See Notes)
Project Number:	701307.038.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 5 - T18S - R27E		

Sample ID: BH - 8 2' BGS (H201525-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11800	16.0	07/06/2012	ND	416	104	400	0.00		

Sample ID: BH - 8 4' BGS (H201525-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	07/06/2012	ND	416	104	400	0.00		

Sample ID: BH - 8 6' BGS (H201525-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1140	16.0	07/06/2012	ND	416	104	400	0.00		

Sample ID: BH - 8 8' BGS (H201525-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	07/06/2012	ND	416	104	400	0.00		

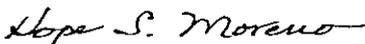
Sample ID: BH - 8 12' (H201525-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	07/06/2012	ND	416	104	400	0.00		

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Analytical Results For:

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

Received:	07/05/2012	Sampling Date:	07/03/2012
Reported:	07/10/2012	Sampling Type:	Soil
Project Name:	WEST RED LAKE UNIT NO. 60	Sampling Condition:	** (See Notes)
Project Number:	701307.038.01	Sample Received By:	Jodi Henson
Project Location:	SEC. 5 - T18S - R27E		

Sample ID: BH - 8 14' BGS (H201525-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/06/2012	ND	416	104	400	0.00	

Sample ID: BH - 8 16' BGS' (H201525-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	07/06/2012	ND	416	104	400	0.00	

Sample ID: BH - 9 0' BACKGROUND (H201525-17)

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	07/06/2012	ND	416	104	400	0.00	

Sample ID: BH - 9 5' BGS' (H201525-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	07/06/2012	ND	416	104	400	0.00	

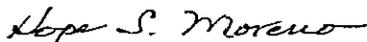
Sample ID: BH - 9 10' BGS (H201525-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	07/06/2012	ND	416	104	400	0.00	

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Hope Moreno, Inorganic Technical Director

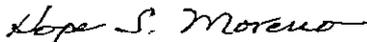
Notes and Definitions

- 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

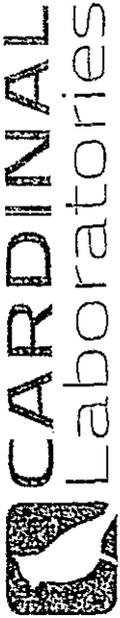
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Hope Moreno, Inorganic Technical Director



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

7-2

Company Name: <u>Talon LPE</u> Project Manager: <u>Mike Stovall</u> Address: <u>408 West Total Ave.</u> City: <u>Alfred</u> State: <u>NM</u> Zip: <u>88210</u> Phone #: <u>505-491-2884</u> Fax #: Project #: <u>201307-038-01</u> Project Owner: <u>Lum Rock Res. Inc.</u> Project Name: <u>West Red Lake Unit 16.60</u> Project Location: <u>sec. 5, T18S-R20E</u> Sampler Name: <u>Mike Stovall</u>		BILL TO P.O. #: Company: Attn: Address: City: State: Phone #: Fax #:		ANALYSIS REQUEST	
FOR LAB USE ONLY		MATRIX GROUNDWATER WASTEWATER SOIL SLUDGE OTHER:		PRESERV. ICE/COOL ACID/BASE OTHER:	
Lab I.D. <u>H201525</u>		Sample I.D.		DATE 2/13/12 9:55 A 2/13/12 9:55 A 2/13/12 10:02 A 2/13/12 10:05 A 2/13/12 10:08 A 2/13/12 10:10 A 2/13/12 11:00 A 2/13/12 11:05 A 2/13/12 11:10 A	
11 011-8 4' bgs 12 011-8 6' bgs 13 011-8 8' bgs 14 011-8 12' bgs 15 011-8 14' bgs 16 011-8 16' bgs 17 011-9 0' Back ground 18 011-9 5' bgs 19 011-9 10' bgs		5 6 6 6 6 6 6 6		Total Chloride	

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Relinquished By: Mike Stovall Date: 2/13/12 Time: 1:25
 Received By: Wally Anderson Date: _____ Time: _____

Delivered By: (Circle One) UPS
 Sampler - UPS - Bus - Other

Sample Condition: Cool Intact Yes No
 Checked By: Wally Anderson

Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #: _____ Add'l Fax #: _____

REMARKS: