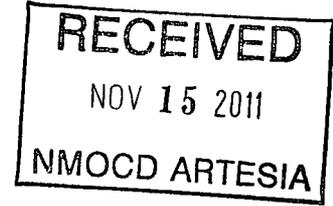




November 3, 2011



Mr. Mike Bratcher
NMOCD District 2
811 S. 1st Street
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, LP
Stirling 7 C No. 4
30-015-34838 – 2RP-894

Dear Mr. Bratcher,

Lime Rock Resources II-A, LP (Lime Rock) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Stirling 7 C No. 4. The results of our soil assessment and proposed remediation activities consist of the following:

Incident Date

January 18, 2011

Background Information

The Stirling 7 C No. 4 is located approximately sixteen (12) miles southeast of Artesia, New Mexico. The legal location for the site is Section 8, Township 18 South and Range 27 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the release are 32.76700 North and -104.321001 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 the Arno-Harkey complex, saline, 0 to 1 percent slopes. The local surface and shallow geology, Paleozoic Age sedimentary deposits, is comprised of the Guadeloupien Artesia Group, Tansil and Yates formations which includes silty soils under lain by gypsum and silty clay. The New Mexico State Engineer web site indicates the nearest ground water data to be in S1-T18S-R26E. The ground water in the area is reported to be at an average of 8' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 20 based on the as following:

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

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742
www.talonlpe.com

Incident Description

On January 18, 2011 a 3” poly flow line split inside the berm at the Stirling 7 C No. 4 tank battery. The flow line was taken out of service, repaired and placed back into service. Approximately 4 barrels of hydrocarbons and 83 barrels of produced water were released. A vacuum truck was brought to the location and recovered 2 barrels of hydrocarbons and 68 barrels of produced water. The impacted area was within the berms of the unlined tank battery.

Actions Taken

On August 31, 2011 Talon/LPE personnel conducted a preliminary site inspection for the construction of the initial C-141 form. On October 14, 2011 Talon/LPE mobilized personnel to the site to carry out soil sampling activities for the generation of a work plan. Grab soil samples were collected utilizing a drilling rig. The soil samples collected from borehole 1 (BH-1) were from the impacted area within the tank battery. The soil samples collected from borehole 2 (BH-2) were collected as background samples.

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 Chlorides using method SM4500Cl-B, TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, and volatile organics (BTEX) using EPA Method 8021B. The complete laboratory report is attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

<u>Sample, Depth</u>	<u>Chlorides</u>	<u>BTEX</u>	<u>TPH</u>
BH-1 0’	83,200 mg/kg	<50 mg/kg	31,725 mg/kg
2’	20,000	<50	79.3
4’	24,000	<0.150	25.6
6’	12,800	<0.150	<10
* 8’	7,730	<0.150	11.1
*10’	1,100	<0.150	32
BH-2 0’	32	**	**
2’	176	**	**
4’	16,600	**	**
6’	112	**	**
* 8’	1,920	**	**

* Moist sample

** Analyte not tested

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 100 mg/kg.

Summary and Conclusion

- Groundwater in the project vicinity is less 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 impact of chlorides from this release have been documented to be 1,100 mg/kg in the soil sample BH-1 at 10-feet bgs.
- Total Petroleum Hydrocarbons were determined to be 25.6 mg/kg at 4-feet bgs in the impacted areas.
- Based upon the results of the laboratory data obtained for this investigation, the background samples (BH-2) for chlorides have been documented to be 16,600 mg/kg at 4-feet deep and 1,920 mg/kg at 8-feet deep.

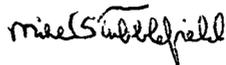
Proposed Remedial Actions

- The impacted soil within the tank battery will be excavated to approximately 4-feet deep. The excavated soil will be transported to an NMOCD approved solid waste disposal facility.
- A 20 Mil liner will then be installed into the bottom of the excavated area within the tank battery. The excavated area will be backfilled to grade using new material transported from a local borrow pit.
- A final report will be provided to the NMOCD Artesia Office utilizing 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

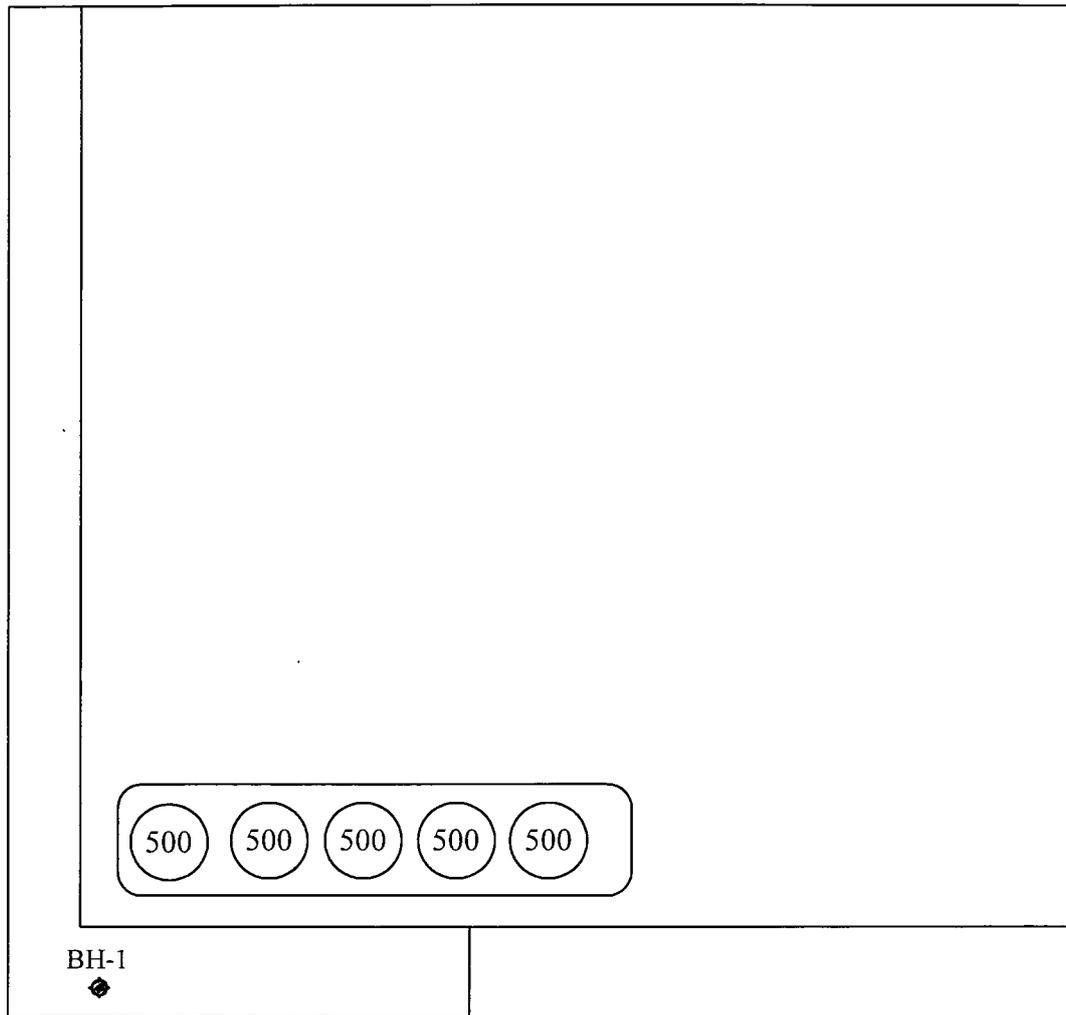
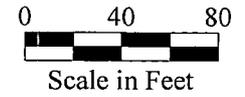
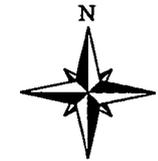


Mike Stubblefield
Project Manager



David J. Adkins
District Manager

SITE MAP



Legend
◆ - Sample Location

BH-2
◆

BH-1
◆



Date: 10/31/2011

Scale: 1" = 80'

Drawn By: TJS

Stirling 7 C No. 4
Lime Rock Resources
Artesia, 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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Sub basin	Use	County	Q	Q	Q	Sec	Tws	Rng	X	Y	Distance	Well	Depth Water	Depth Water	Column
RA 05989	PRO	ED	64	16	4		01	18S	26E	562774	3626466*	857	72	8		64
RA 02432	DOM	ED	2	3	1	12	18S	26E	561764	3625443*	1667	100				

Average Depth to Water: **8 feet**

Minimum Depth: **8 feet**

Maximum Depth: **8 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 563379

Northing (Y): 3625859

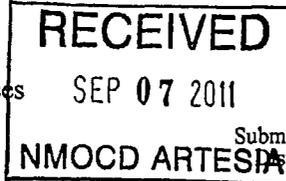
Radius: 2000

*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

Release Notification and Corrective Action

nMLB/125554041 277558 OPERATOR Initial Report Final Report

Name of Company : LIME ROCK RESOURCES II-A, LP	Contact : Jerry Smith
Address : 1111 Bagby Street Suite 4600, Houston, TX 77002	Telephone No. : 575-748-9724
Facility Name : Stirling 7 C #4	Facility Type: Battery
Surface Owner : Private	Mineral Owner: Federal
Lease No. : API #30-015-34838	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	7	18S	27E	990	FNL	1650	FWL	Eddy

Latitude 32.76700 Longitude -104.321001

NATURE OF RELEASE

Type of Release : OIL & Produced Water	Volume of Release : 4 bbls oil & 83 bbls PW	Volume Recovered: 2 bbls oil & 68 bbl PW
Source of Release : flow line	Date and Hour of Occurrence: 1/18/11 am	Date and Hour of Discovery: 1/18/11 12:30 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? BLM / Jim Amos	
By Whom? Steven Forister	Date and Hour : 1/19/11 11:15 am	
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.* 3" poly flow line split inside the berm at the tank battery. The flowline was isolated and repaired. A vacuum truck picked up 2 barrels of oil and 68 barrels of produced water immediately.		
Describe Area Affected and Cleanup Action Taken.* The affected area was located within the berms of the unlined Stirling battery. The nearest well to the release is Stirling 7 #1, API # 30-015-21528. Talon/LPE was also contacted for the correction of the release.		
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: Jerry Smith	Signed By Approved by District Supervisor:	
Title: Assistant Production Supervisor	Approval Date: SEP 12 2011	Expiration Date:
E-mail Address: jsmith@limerockresources.com	Conditions of Approval: Remediation per OCD Rules & Guidelines. SUBMIT REMEDIATION PROPOSAL NOT LATER THAN:	Attached <input type="checkbox"/>
Date: 8/31/11 Phone: 575-748-9724	<u>10/12/2011</u>	

* Attach Additional Sheets If Necessary

2RP-894

APPENDIX II
LABORATORY RESULTS

October 26, 2011

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: STERLING 7 RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/21/11 14:45.

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
 DAVID ADKINS
 408 W. TEXAS AVE.
 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	10/21/2011	Sampling Date:	10/14/2011
Reported:	10/26/2011	Sampling Type:	Soil
Project Name:	STERLING 7 RELEASE	Sampling Condition:	Cool & Intact
Project Number:	701307.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7-T18S-27E		

Sample ID: BH-1 0' (H102295-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.173	0.050	10/25/2011	ND	2.08	104	2.00	4.99		
Toluene*	1.28	0.050	10/25/2011	ND	2.06	103	2.00	4.19		
Ethylbenzene*	1.13	0.050	10/25/2011	ND	2.04	102	2.00	4.60		
Total Xylenes*	2.90	0.150	10/25/2011	ND	6.14	102	6.00	3.95		

Surrogate: 4-Bromofluorobenzene (PIL) 96.5 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	83200	16.0	10/26/2011	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	125	100	10/25/2011	ND	171	85.6	200	1.17		
DRO >C10-C28	31600	100	10/25/2011	ND	151	75.7	200	6.18		

Surrogate: 1-Chlorooctane 95.0 % 55 5-154

Surrogate: 1-Chlorooctadecane 76.8 % 57.6-158

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/21/2011	Sampling Date:	10/14/2011
Reported:	10/26/2011	Sampling Type:	Soil
Project Name:	STERLING 7 RELEASE	Sampling Condition:	Cool & Intact
Project Number:	701307.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7-T18S-27E		

Sample ID: BH-1 2' (H102295-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2011	ND	2.08	104	2.00	4.99		
Toluene*	<0.050	0.050	10/25/2011	ND	2.06	103	2.00	4.19		
Ethylbenzene*	<0.050	0.050	10/25/2011	ND	2.04	102	2.00	4.60		
Total Xylenes*	0.505	0.150	10/25/2011	ND	6.14	102	6.00	3.95		

Surrogate: 4-Bromofluorobenzene (PIL) 113 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	20000	16.0	10/26/2011	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/25/2011	ND	171	85.6	200	1.17		
DRO >C10-C28	79.3	10.0	10/25/2011	ND	151	75.7	200	6.18		

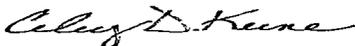
Surrogate: 1-Chlorooctane 92.2 % 55.5-154

Surrogate: 1-Chlorooctadecane 99.2 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/21/2011	Sampling Date:	10/14/2011
Reported:	10/26/2011	Sampling Type:	Soil
Project Name:	STERLING 7 RELEASE	Sampling Condition:	Cool & Intact
Project Number:	701307.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7-T18S-27E		

Sample ID: BH-1 4' (H102295-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2011	ND	2.08	104	2.00	4.99		
Toluene*	<0.050	0.050	10/25/2011	ND	2.06	103	2.00	4.19		
Ethylbenzene*	<0.050	0.050	10/25/2011	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	10/25/2011	ND	6.14	102	6.00	3.95		

Surrogate: 4-Bromofluorobenzene (PIL) 108 % 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	24000	16.0	10/26/2011	ND	384	96.0	400	4.08		

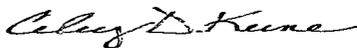
TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/25/2011	ND	171	85.6	200	1.17		
DRO >C10-C28	25.6	10.0	10/25/2011	ND	151	75.7	200	6.18		

Surrogate: 1-Chlorooctane 88.0 % 55.5-154
Surrogate: 1-Chlorooctadecane 89.9 % 57.6-158

Cardinal Laboratories

*=-Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/21/2011	Sampling Date:	10/14/2011
Reported:	10/26/2011	Sampling Type:	Soil
Project Name:	STERLING 7 RELEASE	Sampling Condition:	Cool & Intact
Project Number:	701307.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7-T18S-27E		

Sample ID: BH-1 6' (H102295-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2011	ND	2.08	104	2.00	4.99	
Toluene*	<0.050	0.050	10/25/2011	ND	2.06	103	2.00	4.19	
Ethylbenzene*	<0.050	0.050	10/25/2011	ND	2.04	102	2.00	4.60	
Total Xylenes*	<0.150	0.150	10/25/2011	ND	6.14	102	6.00	3.95	

Surrogate 4-Bromofluorobenzene (PIL) 106 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	10/26/2011	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: AB					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	10/25/2011	ND	171	85.6	200	1.17	
DRO >C10-C28	<10.0	10.0	10/25/2011	ND	151	75.7	200	6.18	

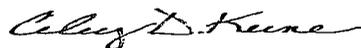
Surrogate: 1-Chlorooctane 86.6 % 55.5-154

Surrogate: 1-Chlorooctadecane 94.9 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/21/2011	Sampling Date:	10/14/2011
Reported:	10/26/2011	Sampling Type:	Soil
Project Name:	STERLING 7 RELEASE	Sampling Condition:	Cool & Intact
Project Number:	701307.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7-T18S-27E		

Sample ID: BH-1 8' (H102295-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2011	ND	2.08	104	2.00	4.99		
Toluene*	<0.050	0.050	10/25/2011	ND	2.06	103	2.00	4.19		
Ethylbenzene*	<0.050	0.050	10/25/2011	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	10/25/2011	ND	6.14	102	6.00	3.95		

Surrogate: 4-Bromofluorobenzene (PIL) 105 % 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	7730	16.0	10/26/2011	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/25/2011	ND	171	85.6	200	1.17		
DRO >C10-C28	11.1	10.0	10/25/2011	ND	151	75.7	200	6.18		

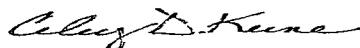
Surrogate: 1-Chlorooctane 91.1 % 55 5-154

Surrogate: 1-Chlorooctadecane 95.1 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/21/2011	Sampling Date:	10/14/2011
Reported:	10/26/2011	Sampling Type:	Soil
Project Name:	STERLING 7 RELEASE	Sampling Condition:	Cool & Intact
Project Number:	701307.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7-T18S-27E		

Sample ID: BH-1 10' (H102295-06)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2011	ND	2.08	104	2.00	4.99		
Toluene*	<0.050	0.050	10/25/2011	ND	2.06	103	2.00	4.19		
Ethylbenzene*	<0.050	0.050	10/25/2011	ND	2.04	102	2.00	4.60		
Total Xylenes*	<0.150	0.150	10/25/2011	ND	6.14	102	6.00	3.95		

Surrogate. 4-Bromofluorobenzene (PIL) 102 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1100	16.0	10/26/2011	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: AB						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	10/25/2011	ND	171	85.6	200	1.17		
DRO >C10-C28	<10.0	10.0	10/25/2011	ND	151	75.7	200	6.18		

Surrogate. 1-Chlorooctane 87.4 % 55 5-154

Surrogate. 1-Chlorooctadecane 98.3 % 57 6-158

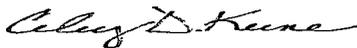
Sample ID: BH-2 0' (H102295-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/26/2011	ND	432	108	400	3.64		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	10/21/2011	Sampling Date:	10/14/2011
Reported:	10/26/2011	Sampling Type:	Soil
Project Name:	STERLING 7 RELEASE	Sampling Condition:	Cool & Intact
Project Number:	701307.028.01	Sample Received By:	Jodi Henson
Project Location:	SEC.7-T18S-27E		

Sample ID: BH-2 2' (H102295-08)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	10/26/2011	ND	432	108	400	3.64		

Sample ID: BH-2 4' (H102295-09)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	10/26/2011	ND	432	108	400	3.64		

Sample ID: BH-2 6' (H102295-10)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	10/26/2011	ND	432	108	400	3.64		

Sample ID: BH-2 8' (H102295-11)

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	10/26/2011	ND	432	108	400	3.64		

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Celey D. Keene, Lab Director/Quality Manager

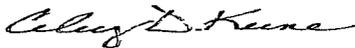
Notes and Definitions

- 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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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1-2

Company Name: <i>Tabor/LP</i>		BILL TO		ANALYSIS REQUEST													
Project Manager: <i>Mike Stubbfield</i>		P.O. #:															
Address: <i>408 West Tonal Ave.</i>		Company: <i>Tabor/LP</i>															
City: <i>Albany</i> State: <i>NM</i> Zip: <i>87220</i>		Attn:															
Phone #: <i>505 441-7254</i> Fax #:		Address:															
Project #: <i>701309-029</i> Project Owner: <i>Wire Rock Res.</i>		City:															
Project Name: <i>Stirling 7 release</i>		State: Zip:															
Project Location: <i>sec. 7-T185-R225</i>		Phone #:															
Sampler Name: <i>Mike Stubbfield</i>		Fax #:															
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(GRAB OR C/COMP.)	# CONTAINERS	MATRIX				PRESERV.	SAMPLING		<i>8015 11 774</i> <i>8021 1201</i> <i>total chlorides</i>						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:				ICE / COOL	OTHER:	DATE	TIME
<i>H102295</i>	<i>B-2 8'</i>	<i>1</i>				<i>✓</i>								<i>✓</i>		<i>10/14/2011</i>	<i>11:16A</i>

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Relinquished By: <i>Mike Stubbfield</i>	Date: <i>10/21/11</i> Time: <i>12:45</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By: <i>[Signature]</i>	Date: <i>10/21/11</i> Time: <i>2:45</i>	Received By: <i>Wendi Newton</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	<i>6</i>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>[Signature]</i>	
REMARKS:				

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

#26