



January 22, 2016

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 Avenue
Artesia, New Mexico 88210
Phone 575.746.8768

FORT COLLINS
1811 East Mulberry Street
Fort Collins, Colorado
Phone 970.818.5330

MIDLAND
2301 State Hwy 349
Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

OKLAHOMA CITY
7700 North Hudson Avenue
Suite 10
Oklahoma City, Oklahoma 73116
Phone 405.486.7030

SAN ANTONIO
13111 Lookout Way
San Antonio, Texas 78233
Phone 210.265.8025

WOODWARD
1211 34th Street
Suite 13
Woodward, Oklahoma 73801
Phone 580.377.1194

Subject: **Remedial Activities and Closure Report**
Lime Rock Resources II-A, L.P.
Falcon 3G Federal #7
30-015-29126 (2RP-3473)

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 above referenced location. The incident description, soil sampling results, and closure request are submitted herein

Background Information

The Falcon 3G Federal #7 is located approximately ten (10) miles east of Artesia, New Mexico. The legal location for this release is Unit Letter G, Section 3, Township 18 South and Range 27 East in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.779365 North and -104.265335 West. A site plan is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Reeves-Gypsum land complex with 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is comprised of older alluvial deposits of upland plains and piedmont areas. Drainage courses in this area are normally dry. Ground water in the project vicinity is approximately 140-feet below ground surface (bgs) according to the New Mexico Office of the State Engineer. See [Appendix II](#) for the referenced groundwater data.

The ranking for this site is **0** Based on the following:

ENVIRONMENTAL CONSULTING	Depth to ground water	>100'
ENGINEERING	Wellhead Protection Area	>1000'
DRILLING	Distance to surface water body	>1000'
CONSTRUCTION		
SPILL MANAGEMENT		
GENERAL CONTRACTING		

Toll Free 866.742.0742
www.talonlpe.com

Incident Description

A heater treater malfunctioned which resulted in a release of approximately 20bbls of produced water and 30bbls of oil. The release flowed to the south from the heater treater, across County Road 227 and into the pasture on the opposite side of the road, as shown on the site plan in [Appendix I](#). Spill response personnel constructed earthen berms to contain further movement of contaminated fluid. A vacuum truck was immediately dispatched to begin recovering standing fluid. Approximately 24bbls of fluid was initially recovered.

Talon mobilized personnel to pressure wash and recover the oil staining from the road, as well as perform a site assessment and soil sampling within the impacted area. Laboratory results from the soil sampling event are summarized in the table below.

Laboratory Results

See [Appendix IV](#) for complete report of laboratory results.

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0	168	ND	1780	21000
S-1	1	783	--	21500	24800
S-1	2	ND	--	14.5	ND
S-1	3	ND	--	ND	ND
S-2	0	379	128	3130	6450
S-2	0.5	ND	--	ND	ND
S-2	1	ND	--	ND	ND
S-2	1	ND	--	2670	40700
S-3	0	221	--	78.6	298
S-3	1	4.84	--	ND	ND
S-3	2	ND	--	ND	ND
S-3	3	ND	--	ND	ND
S-4	0	91.3	96	940	9270
S-4	0.5	ND	--	ND	14.5
S-4	1	ND	--	ND	ND
S-4	1	ND	--	ND	ND
S-5	0	ND	--	ND	ND
S-6	0	ND	ND	ND	ND
S-7	0	ND	ND	ND	ND
S-8	0	0.352	ND	ND	ND
S-9	0	ND	ND	ND	ND

(--) Analyte Not Tested

(ND) Analyte Not Detected

Based upon the site ranking of 0, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, 5,000 mg/kg for TPH, and 1,000 mg/kg for chlorides.

Remedial Actions Taken

- The impacted area in the vicinity of sample location S-1 was excavated to a depth of 2-feet bgs.
- The impacted area in the vicinity of sample location S-2 was excavated to a depth of 0.5-feet bgs.
- The impacted area in the vicinity of sample location S-3 was excavated to a depth of 1-foot bgs.
- The impacted area in the vicinity of sample location S-4 was excavated to a depth of 0.5-feet bgs.
- All of the excavated material was hauled to an NMOCD approved solid waste disposal facility.
- The excavation was backfilled with caliche, contoured to match the surrounding terrain and seeded with BLM #3 seed mixture. See [Appendix V](#) for seeding label.


On behalf of Lime Rock Resources, we respectfully request that no further actions be required and that closure with regard to this release be granted.

If we can provide additional information or be of further assistance, please contact our office at (575)-746-8768.

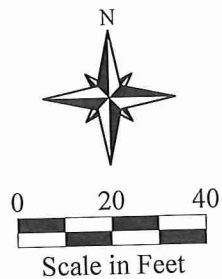
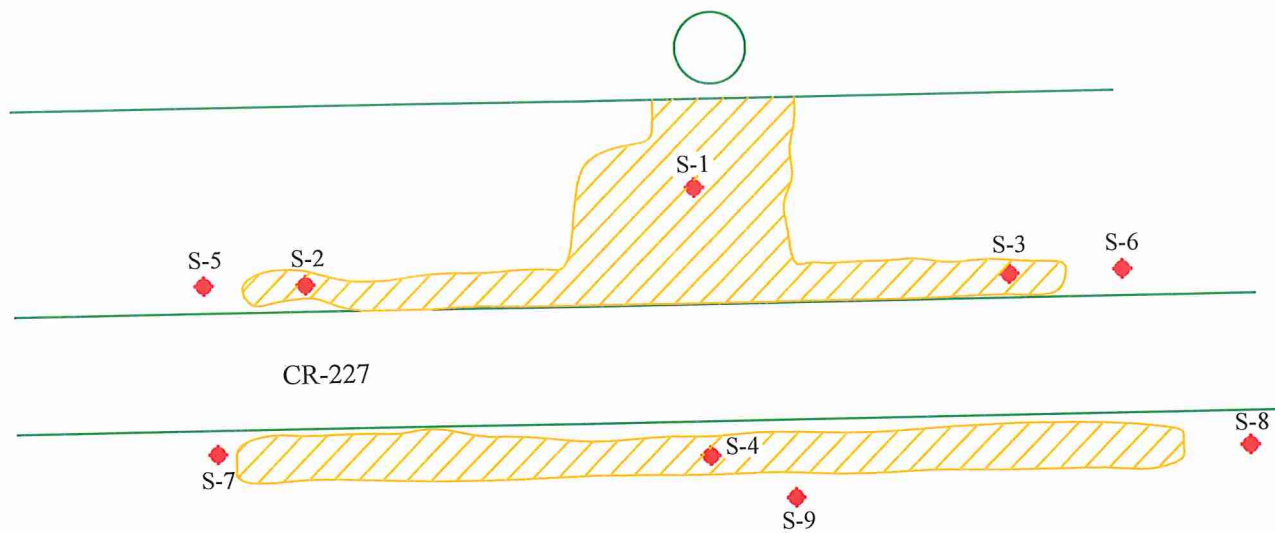
Respectfully submitted,

TALON/LPE


Sheldon L. Hitchcock
Project Manager


David J. Adkins
District Manager

SITE PLAN



Legend
♦ - Sample Location



Date: 01/12/2016

Scale: 1" = 40'

Drawn By: TJS

Falcon 3G Fed #7
Lime Rock Resources
Eddy County, New Mexico
Figure 1 - Site Plan

GROUNDWATER DATA



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 Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
RA 01493		ED		2	1	27	17S	27E		568468	3630529*	3625	876		
RA 04561		ED		4	2	26	17S	27E		570871	3630142*	3765	250		
RA 03661		ED		3	2	3	32	17S	27E	565186	3628038*	3881	330	140	190

Average Depth to Water: **140 feet**

Minimum Depth: **140 feet**

Maximum Depth: **140 feet**

Record Count: 3

Basin/County Search:

County: Eddy

UTM NAD83 Radius Search (in meters):

Easting (X): 568906

Northing (Y): 3626930

Radius: 5000

*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.

INITIAL C-141

&

FINAL C-141

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

NM OIL CONSERVATION
ARTESIA DISTRICT

JAN 04 2016

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

NAB1400754607 227558 OPERATOR ☒ Initial Report ☐ Final Report

Name of Company: LIME ROCK RESOURCES II-A, LP	Contact: Mike Barrett	
Address: 1111 Bagby Street Suite 4600, Houston, TX 77002	Telephone No.: 575-623-8424	
Facility Name: FALCON 3 G FEDERAL #7	Facility Type: BATTERY	
Surface Owner: Federal	Mineral Owner:	Lease No. API # 30-015-29126 LC 065478-B

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	3	18S	27E	1450'	North	2310'	East	Eddy

Latitude 32.779365 N Longitude -104.265335 W

NATURE OF RELEASE

Type of Release: Mixed Fluids	Volume of Release: 30 bbls Oil 20 bbls PW	Volume Recovered: 24 bbls Mixed Fluids
Source of Release: Heater Treater	Date and Hour of Occurrence: 12/28/15	Date and Hour of Discovery: 12/28/15
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
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 heater treater malfunctioned causing a release of 20 barrels of produced water and 30 barrels of oil. The heater treater was taken out of service and repaired. A vac truck was called to location and recovered 24 barrels of fluid. Talon mobilized personnel to the location for emergency spill response to contain the release due to adverse weather conditions. Recovery of fluids is ongoing and the volume may increase as the weather improves and snow melts.		
Describe Area Affected and Cleanup Action Taken.* The release ran across location, road and pooled in the pasture. The site assessment is in progress.		
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: <u>Michael Barrett</u>	OIL CONSERVATION DIVISION	
Printed Name: Michael Barrett	Approved by District Supervisor: <u>[Signature]</u>	
Title: Production Supervisor	Approval Date: <u>1/7/16</u>	Expiration Date: <u>NIA</u>
E-mail Address: mbarrett@limerockresources.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 12/31/2015 Phone: 575-623-8424		

* Attach Additional Sheets If Necessary

22P-3473

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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 August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: Lime Rock Resources II-A, LP	Contact: Michael Barrett
Address: 1111 Bagby St. Suite 4600, Houston, TX 77002	Telephone No. 575-623-8424
Facility Name: Falcon 3 G Federal #7	Facility Type: Battery
Surface Owner: Federal	Mineral Owner: Federal
API No. 30-015-29126 (LC 065478-B)	

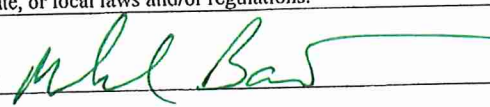
LOCATION OF RELEASE

Unit Letter G	Section 3	Township 18S	Range 27E	Feet from the 1450	North/South Line N	Feet from the 2310	East/West Line E	County Eddy
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Latitude 32.779365 Longitude -104.265335

NATURE OF RELEASE

Type of Release: Mixed Fluids	Volume of Release: 30bbls Oil 20bbls PW	Volume Recovered: 24 bbls Mixed Fluids
Source of Release: Heater Treater	Date and Hour of Occurrence: 12/28/2015	12/28/2015 and Hour of Discovery:
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour:	
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.* A heater treater malfunctioned causing a release of 20bbls of produced water and 30bbls of oil. The heater treater was taken out of service and repaired. A vacuum truck was dispatched to the location and recovered 24bbls of fluid. Talon mobilized personnel to the location for emergency spill response and to contain the release due to adverse weather conditions. Recovery of fluid continued as the snow melted.		
Describe Area Affected and Cleanup Action Taken.* The impacted area encompassed the location downhill of the battery, the county road, and the pasture on the south side of the road. Initial response activities included building berms to contain the fluid and snow melt, steam cleaning the road (fluid was recovered with a vacuum truck), and scraping the heavily impacted soil from the surface. Once Talon personnel conducted a site assessment and performed soil sampling at the site a remediation work plan was drafted and subsequently approved by NMOCD and BLM. The remediation was conducted to the scope laid out in the approved 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		Approved by Environmental Specialist:	
Title: Production Supervisor		Approval Date:	Expiration Date:
E-mail Address: mbarrett@limerockresources.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1/27/2016 Phone: 575-623-8424			

* Attach Additional Sheets If Necessary

LABORATORY RESULTS



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

January 08, 2016

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: FALCON 3G FED #7

Enclosed are the results of analyses for samples received by the laboratory on 01/07/16 10:14.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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,

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-1 0' (H600033-01)

BTEX 8021B		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	7.54	1.00	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	44.7	1.00	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	33.6	1.00	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	82.1	3.00	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	168	6.00	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIB) 97.5 % 73.6-140

Chloride, SM4500Cl-B		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2016	ND	416	104	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	1780	200	01/07/2016	ND	198	99.1	200	0.913	
DRO >C10-C28	21000	200	01/07/2016	ND	190	94.8	200	0.534	

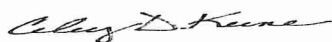
Surrogate: 1-Chlorooctane 145 % 35-147

Surrogate: 1-Chlorooctadecane 511 % 28-171

*=Accredited Analyte

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-1 1' (H600033-02)

Sample ID: S-1.1 (H000055-02)

BTEX 8021B			mg/kg							Analyzed By: CK	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	124	10.0	01/07/2016	ND	2.10	105	2.00	2.36			
Toluene*	315	10.0	01/07/2016	ND	2.14	107	2.00	2.67			
Ethylbenzene*	103	10.0	01/07/2016	ND	1.97	98.5	2.00	1.37			
Total Xylenes*	240	30.0	01/07/2016	ND	6.17	103	6.00	0.299			
Total BTEX	783	60.0	01/07/2016	ND							

Surrogate: 4-Bromofluorobenzene (PIE) 99.6 % 73.6-140

TPH 8015M		mg/kg		Analyzed By: MS				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	21500	200	01/07/2016	ND	198	99.1	200	0.913	
DRO >C10-C28	24800	200	01/07/2016	ND	190	94.8	200	0.534	

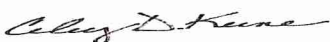
Surrogate: 1-Chlorooctane 345 % 35-147

Surrogate: 1-Chlorooctadecane 472 % 28-171

*=Accredited Analyte

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 01/07/2016
 Reported: 01/08/2016
 Project Name: FALCON 3G FED #7
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 01/06/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Caley D. Keene

Sample ID: S-1 2' (H600033-03)

BTEX 8021B			mg/kg Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	<0.050	0.050	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	<0.150	0.150	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	<0.300	0.300	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 96.7 % 73.6-140

TPH 8015M			mg/kg Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	14.5	10.0	01/07/2016	ND	198	99.1	200	0.913	
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534	

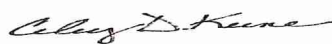
Surrogate: 1-Chlorooctane 64.3 % 35-147

Surrogate: 1-Chlorooctadecane 65.6 % 28-171

* = Accredited Analyte

Cardinal Laboratories

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Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 01/07/2016
 Reported: 01/08/2016
 Project Name: FALCON 3G FED #7
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 01/06/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: S-1 3' (H600033-04)

BTEX 8021B			mg/kg Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	<0.050	0.050	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	<0.150	0.150	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	<0.300	0.300	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 94.9 % 73.6-140

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	01/07/2016	ND	198	99.1	200	0.913	
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534	

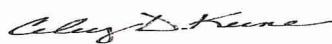
Surrogate: 1-Chlorooctane 74.7 % 35-147

Surrogate: 1-Chlorooctadecane 70.2 % 28-171

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-2 0' (H600033-06)

BTEX 8021B			Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	37.4	2.00	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	135	2.00	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	63.7	2.00	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	143	6.00	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	379	12.0	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 97.1 % 73.6-140

Chloride, SM4500Cl-B			mg/kg							Analyzed By: CK	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	128	16.0	01/07/2016	ND	416	104	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	3130	200	01/07/2016	ND	198	99.1	200	0.913			
DRO >C10-C28	6450	200	01/07/2016	ND	190	94.8	200	0.534			

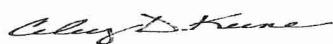
Surrogate: 1-Chlorooctane 126 % 35-147

Surrogate: 1-Chlorooctadecane 129 % 28-171

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-2 0.5' (H600033-07)

BTEX 8021B			Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	0.114	0.050	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	<0.150	0.150	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	<0.300	0.300	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 95.9 % 73.6-140

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	01/07/2016	ND	198	99.1	200	0.913	
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534	

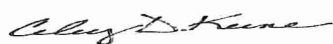
Surrogate: 1-Chlorooctane 70.3 % 35-147

Surrogate: 1-Chlorooctadecane 64.5 % 28-171

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 01/07/2016
 Reported: 01/08/2016
 Project Name: FALCON 3G FED #7
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 01/06/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: S-2 1' REFUSAL (H600033-08)

BTEX 8021B			mg/kg Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	<0.050	0.050	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	<0.150	0.150	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	<0.300	0.300	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 94.1 % 73.6-140

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	01/07/2016	ND	198	99.1	200	0.913	
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534	

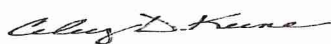
Surrogate: 1-Chlorooctane 72.9 % 35-147

Surrogate: 1-Chlorooctadecane 69.2 % 28-171

* = Accredited Analyte

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Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-3 0' (H600033-09)

BTEX 8021B			mg/kg							Analyzed By: CK	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	3.84	2.00	01/07/2016	ND	2.10	105	2.00	2.36			
Toluene*	42.0	2.00	01/07/2016	ND	2.14	107	2.00	2.67			
Ethylbenzene*	47.2	2.00	01/07/2016	ND	1.97	98.5	2.00	1.37			
Total Xylenes*	128	6.00	01/07/2016	ND	6.17	103	6.00	0.299			
Total BTEX	221	12.0	01/07/2016	ND							

Surrogate: 4-Bromofluorobenzene (PIE) 101 % 73.6-140

Chloride, SM4500Cl-B			mg/kg							Analyzed By: CK	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	01/07/2016	ND	416	104	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	2670	200	01/07/2016	ND	198	99.1	200	0.913			
DRO >C10-C28	40700	200	01/07/2016	ND	190	94.8	200	0.534			

Surrogate: 1-Chlorooctane 170 % 35-147

Surrogate: 1-Chlorooctadecane 962 % 28-171

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Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Caley D. Keene

Sample ID: S-3 1' (H600033-10)

BTEX 8021B			Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.226	0.050	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	1.40	0.050	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	0.935	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	2.28	0.150	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	4.84	0.300	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 96.7 % 73.6-140

TPH 8015M			mg/kg							Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	78.6	10.0	01/07/2016	ND	198	99.1	200	0.913			
DRO >C10-C28	298	10.0	01/07/2016	ND	190	94.8	200	0.534			

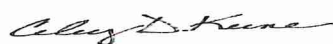
Surrogate: 1-Chlorooctane 81.5 % 35-147

Surrogate: 1-Chlorooctadecane 78.2 % 28-171

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Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 01/07/2016
 Reported: 01/08/2016
 Project Name: FALCON 3G FED #7
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 01/06/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: S-3 2' (H600033-11)

BTEX 8021B			Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	<0.050	0.050	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	<0.150	0.150	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	<0.300	0.300	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 99.3 % 73.6-140

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	01/07/2016	ND	198	99.1	200	0.913			
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534			


Surrogate: 1-Chlorooctane 71.6 % 35-147

Surrogate: 1-Chlorooctadecane 66.3 % 28-171

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-3 3' (H600033-12)

Sample ID: 17-000 (100000 mg)

BTEX 8021B			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	<0.050	0.050	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	<0.150	0.150	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	<0.300	0.300	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 94.3 % 73.6-140

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	01/07/2016	ND	198	99.1	200	0.913			
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534			

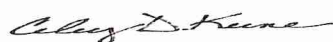
Surrogate: 1-Chlorooctane 69.3 % 35-147

Surrogate: 1-Chlorooctadecane 64.1 % 28-171

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-4 0' (H600033-14)

BTEX 8021B			Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.934	0.500	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	17.0	0.500	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	20.3	0.500	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	53.1	1.50	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	91.3	3.00	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500Cl-B			mg/kg							Analyzed By: CK	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	96.0	16.0	01/07/2016	ND	416	104	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	940	200	01/07/2016	ND	198	99.1	200	0.913			
DRO >C10-C28	9270	200	01/07/2016	ND	190	94.8	200	0.534			

Surrogate: 1-Chlorooctane 119 % 35-147

Surrogate: 1-Chlorooctadecane 213 % 28-171

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 01/07/2016
 Reported: 01/08/2016
 Project Name: FALCON 3G FED #7
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 01/06/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: S-4 0.5' (H600033-15)

BTEX 8021B			mg/kg Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	<0.050	0.050	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	<0.150	0.150	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	<0.300	0.300	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 73.6-140

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	01/07/2016	ND	198	99.1	200	0.913	
DRO >C10-C28	14.5	10.0	01/07/2016	ND	190	94.8	200	0.534	

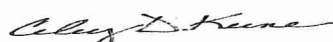
Surrogate: 1-Chlorooctane 66.4 % 35-147

Surrogate: 1-Chlorooctadecane 65.3 % 28-171

* = Accredited Analyte

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-4 1' REFUSAL (H600033-16)

BTEX 8021B			mg/kg Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	<0.050	0.050	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	<0.150	0.150	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	<0.300	0.300	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PII) 95.1 % 73.6-140

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	01/07/2016	ND	198	99.1	200	0.913	
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534	

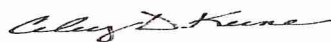
Surrogate: 1-Chlorooctane 62.9 % 35-147

Surrogate: 1-Chlorooctadecane 58.9 % 28-171

*=Accredited Analyte

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

 Received: 01/07/2016
 Reported: 01/08/2016
 Project Name: FALCON 3G FED #7
 Project Number: NOT GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 01/06/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: S-5 0' (H600033-17)

mg/kg			Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
BTEX 8021B									
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	<0.050	0.050	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	<0.150	0.150	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	<0.300	0.300	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 73.6-140

mg/kg			Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500Cl-B									
Chloride	<16.0	16.0	01/07/2016	ND	416	104	400	0.00	

mg/kg			Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
TPH 8015M									
GRO C6-C10	<10.0	10.0	01/07/2016	ND	198	99.1	200	0.913	
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534	


Surrogate: 1-Chlorooctane 72.6 % 35-147

Surrogate: 1-Chlorooctadecane 68.5 % 28-171

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-6 0' (H600033-18)

Sample ID: 505 (1000

Surrogate: 4-Bromofluorobenzene (PII) 95.8 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/07/2016	ND	416	104	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	01/07/2016	ND	198	99.1	200	0.913	
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534	

Surrogate: 1-Chlorooctane 71.7 % 35-147

Surrogate: 1-Chlorooctadecane 68.3 % 28-171

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-7 0' (H600033-19)

BTEX 8021B			mg/kg							Analyzed By: CK	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36			
Toluene*	<0.050	0.050	01/07/2016	ND	2.14	107	2.00	2.67			
Ethylbenzene*	<0.050	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37			
Total Xylenes*	<0.150	0.150	01/07/2016	ND	6.17	103	6.00	0.299			
Total BTEX	<0.300	0.300	01/07/2016	ND							

Surrogate: 4-Bromofluorobenzene (PIC) 93.3 % 73.6-140

Chloride, SM4500Cl-B			mg/kg							Analyzed By: CK	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	01/07/2016	ND	416	104	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	01/07/2016	ND	198	99.1	200	0.913			
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534			

Surrogate: 1-Chlorooctane 59.2 % 35-147

Surrogate: 1-Chlorooctadecane 60.3 % 28-171

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-8 0' (H600033-20)

BTEX 8021B			mg/kg							Analyzed By: CK	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36			
Toluene*	0.100	0.050	01/07/2016	ND	2.14	107	2.00	2.67			
Ethylbenzene*	0.073	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37			
Total Xylenes*	0.179	0.150	01/07/2016	ND	6.17	103	6.00	0.299			
Total BTEX	0.352	0.300	01/07/2016	ND							

Surrogate: 4-Bromofluorobenzene (PIE) 94.6 % 73.6-140

Chloride, SM4500Cl-B			mg/kg							Analyzed By: CK	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	01/07/2016	ND	416	104	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	01/07/2016	ND	198	99.1	200	0.913			
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534			

Surrogate: 1-Chlorooctane 66.3 % 35-147

Surrogate: 1-Chlorooctadecane 66.2 % 28-171

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received: 01/07/2016
Reported: 01/08/2016
Project Name: FALCON 3G FED #7
Project Number: NOT GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/06/2016
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Celey D. Keene

Sample ID: S-9 0' (H600033-21)

Sample ID: S-96 (1800000-11)

BTEX 8021B			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/07/2016	ND	2.10	105	2.00	2.36	
Toluene*	<0.050	0.050	01/07/2016	ND	2.14	107	2.00	2.67	
Ethylbenzene*	<0.050	0.050	01/07/2016	ND	1.97	98.5	2.00	1.37	
Total Xylenes*	<0.150	0.150	01/07/2016	ND	6.17	103	6.00	0.299	
Total BTEX	<0.300	0.300	01/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 96.3 % 73.6-140

Chloride, SM4500Cl-B			mg/kg							Analyzed By: CK	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	<16.0	16.0	01/07/2016	ND	416	104	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	01/07/2016	ND	198	99.1	200	0.913			
DRO >C10-C28	<10.0	10.0	01/07/2016	ND	190	94.8	200	0.534			

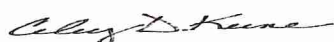
Surrogate: 1-Chlorooctane 67.7 % 35-147

Surrogate: 1-Chlorooctadecane 69.4 % 28-171

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

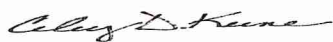
Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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

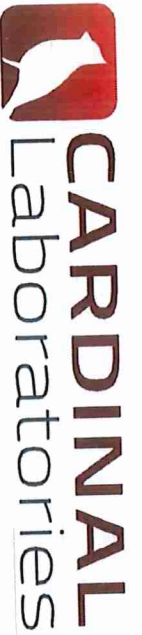
Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO										ANALYSIS REQUEST									
Company Name: Talon/LPE										P.O. #:									
Project Manager: S. Hitchcock										Company: Talon/LPE									
Address: 408 W. Texas Ave.										Attn:									
City: Artesia										Address:									
Phone #: 575-746-8768										City:									
State: NM zip: 88210										State: Zip:									
Fax #: 575-746-8905										Phone #:									
Project #:										Fax #:									
Project Name: Falcon 36 Fed #7										Project Location:									
Sample Name: S. Hitchcock										FOR LAB USE ONLY									
Lab I.D.										Sample I.D.									
										(G)RAB OR (C)OMP.									
										# CONTAINERS									
										GROUNDWATER									
										WASTEWATER									
										SOIL									
										OIL									
										SLUDGE									
										OTHER :									
										ACID/BASE:									
										ICE / COOL									
										OTHER :									
										DATE									
										TIME									
H00033										11/6/15									
01 5-1 0'										3:15									
02 5-1 1'										3:58									
03 5-1 2'										4:00									
04 5-1 3'										4:02									
05 5-1 4'										4:04									
06 5-2 0'										4:20									
07 5-2 0.5'										4:22									
08 5-2 1' REFUSE										4:24									
09 5-3 0'										4:30									
10 5-3 1'										4:32									

Relinquished By: <u>Shonda Fourn</u>		Date: <u>11/16</u>		Time: <u>10:14</u>		Received By: <u>W. H. H. H.</u>		Date: <u>10:20</u>		Time: <u>10:20</u>		Sample Condition		CHECKED BY: <u>W. H. H. H.</u>	
Delivered By: (Circle One)		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	
Sampler - UPS - Bus - Other:		10.20C		10.20C		10.20C		10.20C		10.20C		10.20C		10.20C	

REMARKS: Push
Stop chloride < 250 mg/kg

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P6-10F3



pg 208

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Company Name: Talon/LPE				BILL TO				ANALYSIS REQUEST																	
Project Manager:								P.O. #:																	
Address: 408 W. Texas Ave.								Company: Talon/LPE																	
City: Artesia				State: NM zip: 88210				Attn:																	
Phone #: 575-746-8768				Fax #: 575-746-8905				Address:																	
Project #:				Project Owner:				City:																	
Project Name:				State:				Zip:																	
Project Location:				Phone #:																					
Sample Name:				Fax #:																					
<small>FOR LAB USE ONLY</small>																									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH	BTEX	Chlorides										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:												ICE / COOL	OTHER :		
11	5-32'	G	1	/							11/6/15	4:33	/	/	/										
12	5-33'	G	1	/								4:35	/	/	/										
13	5-34'	G	1	/								4:37	/	/	/										
14	5-40'	G	1	/								5:00	/	/	/										
15	5-40.5'	G	1	/								5:02	/	/	/										
16	5-41' PCHSOL	G	1	/								5:04	/	/	/										
17	5-50'	G	1	/								5:20	/	/	/										
18	5-60'	G	1	/								5:25	/	/	/										
19	5-70'	G	1	/								5:30	/	/	/										
20	5-80'	G	1	/								5:35	/	/	/										

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Relinquished By: [Signature] Relinquished By: _____ Date: 11/16/15 Time: 10:14	Received By: [Signature] Received By: _____ Date: _____ Time: _____	Delivered By: (Circle One) Sampler - UPS Bus Other: Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: [Initials]
REMARKS: Stop chloride if < 250 mg/kg RUSN		



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 3 of 3

(575) 393-2326 FAX (575) 393-2476

+ Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 #57

SEED LABEL

Curtis and Curtis, Inc.

4500 North Prince
Clovis, NM 88130
Phone: (575) 762-4759
www.curtisseed.com

1/20/16

Lima Rock

Talon / LPE, LTD
1 Acre DLM #3, Broadcast Rate
1 - 1 Acre Bag @ 26.32 Bulk Pounds
Job: Falcon 3G Fed #7
30-015-29126
G-3-18S-27E
701307083.01

Lot#: M-13433

<u>Item</u>	<u>Origin</u>	<u>Purity</u>	<u>Germ</u>	<u>Dormant</u>	<u>Total Germination</u>	<u>Test Date</u>	<u>Total PLS Pounds</u>
Sideoats Grama	Texas	57.20%	86.00%	7.00%	93.00%	09/15	14.00
El Reno							
Blue Grama	New Mexico	11.88%	69.00%	27.00%	96.00%	10/15	3.00
VNS							
Other Crop:	2.50%	There Are 1 Bags For This Mix			Total Bulk Pounds:		26
Weed Seed:	0.35%	This Bag Weighs 26.32 Bulk Pounds					
Inert Matter:	28.07%	Use This Bag For 1 Acres					