



September 9, 2014

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

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

OKLAHOMA CITY
7700 North Hudson Avenue
Suite 10
Oklahoma City, Oklahoma 73116
Phone 405.486.7030
Fax 806.467.0622

SAN ANTONIO
13111 Lookout Way
San Antonio, Texas 78233
Phone 210.265.8025
Fax 210.568.2191

Subject: **Soil Assessment and Remediation Work Plan**
Cimarex Energy
Parkway State Com #4H
30-015-37504

Dear Mr. Bratcher

Cimarex Energy (Cimarex) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment and proposed remediation activities consist of the following.

Background Information

The Parkway State Com #4H is located approximately thirty (30) miles southeast of Artesia, New Mexico. The legal location for this site is Unit Letter H of Section 15, Township 19 South, and Range 29 East. More specifically the latitude and longitude for this site are 32.654322 North and -104.059509 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 the Kimbrough-Stegall loams 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 middle to lower Pleistocene age alluvial deposits, piedmont areas and calcic soils with eolian cover sediments. Drainage courses in this area are normally dry. Ground water in the project vicinity is approximately 100-feet below ground surface (bgs) according to the 2006 Chevron Texaco groundwater trend map.

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

Depth to ground water	>100'
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

The well came in while stripping the flange and BOP over the string while working over the well. This caused a release of 15bbls of oil. The release flowed east across the location and into the pasture for approximately 56-feet. There was also a light overspray on the vegetation east-southeast of the location. The overspray is approximately 150-feet wide and 350-feet long. Talon mobilized personnel to conduct a site assessment and perform soil sampling activities. The results of our soil sampling activities are summarized in the table below.

Laboratory Results

See [Appendix III](#) 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	259	3200	2520	33100
S-1	1	182	416	1410	5880
S-2	0	ND	1960	ND	1110
S-3	0	40.4	976	1330	36100
S-3	1	ND	144	13.8	163
S-4	0	29.9	64	714	15300
S-4	1	0.556	ND	34.2	760
S-4	2	ND	64	ND	40.5
S-5overspray area	0	ND	16	ND	12

(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.

Proposed Remedial Actions

- The area in the vicinity of sample location S-1, S-3, and S-4 will be excavated to a depth of 1-foot bgs.
- The area in the vicinity of sample location S-2 will be excavated to a depth of 0.5-feet. A confirmation soil sample will be taken and analyzed for total chlorides to insure that the chloride concentration in this area is below the NMOCD RRAL for chlorides.
- The overspray area in the vicinity of S-5 will be treated with Micro-Blaze, a bio remediation agent to correct the hydrocarbon staining on the vegetation.
- The excavated areas on the location will be backfilled with caliche and the excavated area in the pasture will be backfilled with top soil.

Should you have any questions or if further information is required, please do not hesitate to contact our office at (575)-746-8768.

Respectfully submitted,

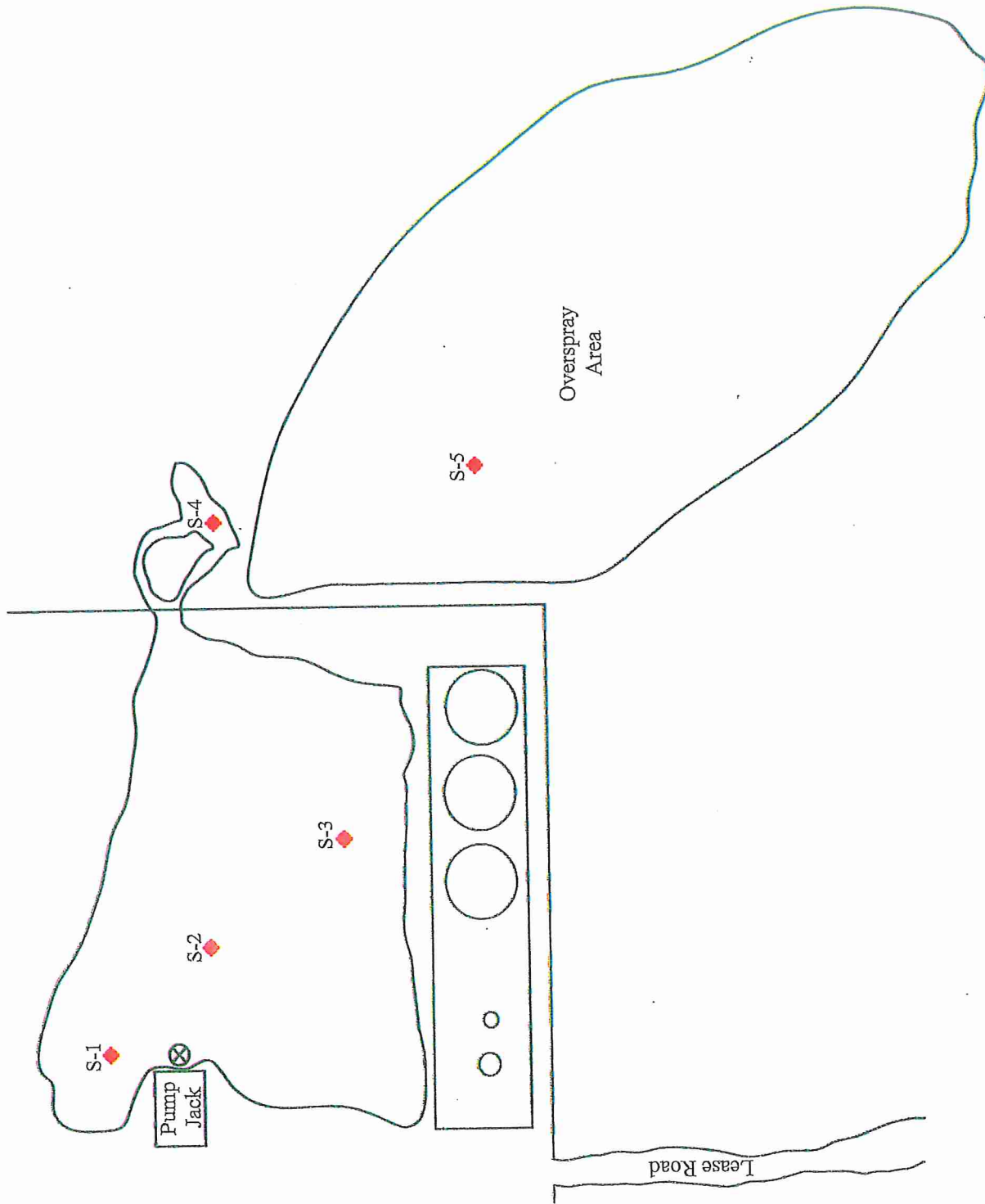
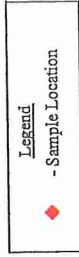
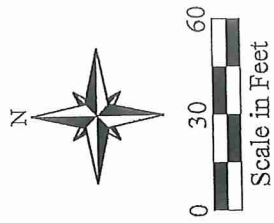
A handwritten signature in blue ink that reads "Sheldon Hitchcock". The signature is fluid and cursive, with the first name being more prominent.

Sheldon Hitchcock
Project Manager

A handwritten signature in blue ink that reads "David J. Adkins". The signature is stylized and cursive, with a long horizontal stroke at the end.

David J. Adkins
District Manager

SITE PLAN

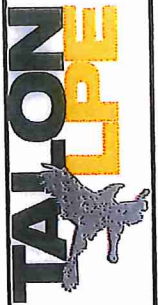


Parkway St. Com 4H
Cimarex Energy
Eddy County, New Mexico
Figure 1 - Site Plan

Date: 08/22/2014

Scale: 1" = 60'

Drawn By: TJS



INITIAL C-141

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	Cimarex Energy	Contact	Christine Alderman
Address	600 N Marienfeld Ste 600 Midland TX	Telephone No.	432-853-7059
Facility Name	Parkway State Com 4	Facility Type	Production
Surface Owner	Mineral Owner	API No. 30-015-37504	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	15	19S	29E		330		1650	Eddy

Latitude 32.654322 Longitude -104.059509

NATURE OF RELEASE

Type of Release	loss of control on wellhead	Volume of Release	15 bbls	Volume Recovered	0
Source of Release	well head	Date and Hour of Occurrence	8/11/14	Date and Hour of Discovery	8/11/14
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher		
By Whom?	Christine Alderman	Date and Hour	8/11/14		
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.*

Well came in while stripping the flange and BOP over the string during well work over

Describe Area Affected and Cleanup Action Taken.*

Contacted local Environmental consulting agency

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.

OIL CONSERVATION DIVISION

Signature:

Christine Alderman

Printed Name: Christine Alderman

Title: ESH Supervisor

E-mail Address: calderman@cimarex.com

Date: 8/15/14

Phone: 432-853-7059

Approved by Environmental Specialist:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary

LABORATORY RESULTS

August 27, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: PARKWAY ST. COM 4H

Enclosed are the results of analyses for samples received by the laboratory on 08/21/14 13:20.

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

Received: 08/21/2014
Reported: 08/27/2014
Project Name: PARKWAY ST. COM 4H
Project Number: 701162.066.01
Project Location: NOT GIVEN

Sampling Date: 08/20/2014
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Kathy Perez

Sample ID: S-1 0' (H402571-01)

BTX 8021B		mg/kg		Analyzed By: CK				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.39	1.00	08/25/2014	ND	2.04	102	2.00	7.31	
Toluene*	68.3	1.00	08/25/2014	ND	2.06	103	2.00	7.33	
Ethylbenzene*	52.8	1.00	08/25/2014	ND	2.09	104	2.00	7.14	
Total Xylenes*	133	3.00	08/25/2014	ND	6.44	107	6.00	6.96	
Total BTX	259	6.00	08/25/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 157 % 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	3200	16.0	08/26/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	2520	100	08/25/2014	ND	196	98.2	200	1.17	
DRO >C10-C28	33100	100	08/25/2014	ND	211	106	200	2.94	


Surrogate: 1-Chlorooctane 215 % 65.2-140

Surrogate: 1-Chlorooctadecane 930 % 63.6-154

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: 08/21/2014
 Reported: 08/27/2014
 Project Name: PARKWAY ST. COM 4H
 Project Number: 701162.066.01
 Project Location: NOT GIVEN

 Sampling Date: 08/20/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: S-1 1' (H402571-02)

BTX 8021B		mg/kg	Analyzed By: CK					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.49	0.200	08/25/2014	ND	2.04	102	2.00	7.31	
Toluene*	46.5	0.200	08/25/2014	ND	2.06	103	2.00	7.33	
Ethylbenzene*	39.4	0.200	08/25/2014	ND	2.09	104	2.00	7.14	
Total Xylenes*	94.7	0.600	08/25/2014	ND	6.44	107	6.00	6.96	
Total BTX	182	1.20	08/25/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 261 % 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	416	16.0	08/26/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: CK					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1410	50.0	08/25/2014	ND	196	98.2	200	1.17	
DRO >C10-C28	5880	50.0	08/25/2014	ND	211	106	200	2.94	

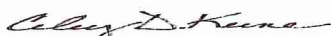
Surrogate: 1-Chlorooctane 166 % 65.2-140

Surrogate: 1-Chlorooctadecane 200 % 63.6-154

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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:	08/21/2014	Sampling Date:	08/20/2014
Reported:	08/27/2014	Sampling Type:	Soil
Project Name:	PARKWAY ST. COM 4H	Sampling Condition:	Cool & Intact
Project Number:	701162.066.01	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: S-2 0' (H402571-03)

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	08/26/2014	ND	1.82	91.1	2.00	6.10		
Toluene*	0.181	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49		
Ethylbenzene*	0.058	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27		
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97		
Total BTEX	<0.300	0.300	08/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 106 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1960	16.0	08/26/2014	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	08/25/2014	ND	196	98.2	200	1.17		
DRO >C10-C28	1110	10.0	08/25/2014	ND	211	106	200	2.94		

Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate: 1-Chlorooctadecane 136 % 63.6-154

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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:	08/21/2014	Sampling Date:	08/20/2014
Reported:	08/27/2014	Sampling Type:	Soil
Project Name:	PARKWAY ST. COM 4H	Sampling Condition:	Cool & Intact
Project Number:	701162.066.01	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: S-3 0' (H402571-04)

BTX 8021B		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<1.00	1.00	08/26/2014	ND	1.82	91.1	2.00	6.10		
Toluene*	2.76	1.00	08/26/2014	ND	1.70	84.9	2.00	5.49		
Ethylbenzene*	9.46	1.00	08/26/2014	ND	1.92	95.8	2.00	4.27		
Total Xylenes*	28.2	3.00	08/26/2014	ND	5.67	94.5	6.00	4.97		
Total BTX	40.4	6.00	08/26/2014	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 110 % 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	976	16.0	08/26/2014	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1330	100	08/25/2014	ND	196	98.2	200	1.17		
DRO >C10-C28	36100	100	08/25/2014	ND	211	106	200	2.94		

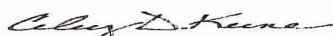
Surrogate: 1-Chlorooctane 209 % 65.2-140

Surrogate: 1-Chlorooctadecane 948 % 63.6-154

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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:	08/21/2014	Sampling Date:	08/20/2014
Reported:	08/27/2014	Sampling Type:	Soil
Project Name:	PARKWAY ST. COM 4H	Sampling Condition:	Cool & Intact
Project Number:	701162.066.01	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: S-3 1' (H402571-05)

BTX 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	08/26/2014	ND	1.82	91.1	2.00	6.10	
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49	
Ethylbenzene*	<0.050	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27	
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97	
Total BTX	<0.300	0.300	08/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 108 % 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	144	16.0	08/26/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	13.8	10.0	08/25/2014	ND	196	98.2	200	1.17	
DRO >C10-C28	163	10.0	08/25/2014	ND	211	106	200	2.94	

Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 130 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	08/21/2014	Sampling Date:	08/20/2014
Reported:	08/27/2014	Sampling Type:	Soil
Project Name:	PARKWAY ST. COM 4H	Sampling Condition:	Cool & Intact
Project Number:	701162.066.01	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: S-4 0' (H402571-06)

BTX 8021B		mg/kg		Analyzed By: ck					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	08/26/2014	ND	1.82	91.1	2.00	6.10	
Toluene*	0.693	0.500	08/26/2014	ND	1.70	84.9	2.00	5.49	
Ethylbenzene*	5.57	0.500	08/26/2014	ND	1.92	95.8	2.00	4.27	
Total Xylenes*	23.7	1.50	08/26/2014	ND	5.67	94.5	6.00	4.97	
Total BTX	29.9	3.00	08/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 116 % 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	64.0	16.0	08/26/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	714	100	08/25/2014	ND	196	98.2	200	1.17		
DRO >C10-C28	15300	100	08/25/2014	ND	211	106	200	2.94		

Surrogate: 1-Chlorooctane 154 % 65.2-140

Surrogate: 1-Chlorooctadecane 394 % 63.6-154

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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:	08/21/2014	Sampling Date:	08/20/2014
Reported:	08/27/2014	Sampling Type:	Soil
Project Name:	PARKWAY ST. COM 4H	Sampling Condition:	Cool & Intact
Project Number:	701162.066.01	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: S-4 1' (H402571-07)

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	08/26/2014	ND	1.82	91.1	2.00	6.10	
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49	
Ethylbenzene*	0.052	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27	
Total Xylenes*	0.504	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97	
Total BTEX	0.556	0.300	08/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 106 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/26/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	34.2	10.0	08/25/2014	ND	196	98.2	200	1.17	
DRO >C10-C28	760	10.0	08/25/2014	ND	211	106	200	2.94	


Surrogate: 1-Chlorooctane 109 % 65.2-140

Surrogate: 1-Chlorooctadecane 123 % 63.6-154

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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:	08/21/2014	Sampling Date:	08/20/2014
Reported:	08/27/2014	Sampling Type:	Soil
Project Name:	PARKWAY ST. COM 4H	Sampling Condition:	Cool & Intact
Project Number:	701162.066.01	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: S-4 2' (H402571-08)

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	08/26/2014	ND	1.82	91.1	2.00	6.10	
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49	
Ethylbenzene*	<0.050	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27	
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97	
Total BTEX	<0.300	0.300	08/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/26/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/25/2014	ND	196	98.2	200	1.17	
DRO >C10-C28	40.5	10.0	08/25/2014	ND	211	106	200	2.94	

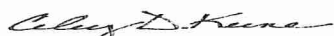
Surrogate: 1-Chlorooctane 108 % 65.2-140

Surrogate: 1-Chlorooctadecane 123 % 63.6-154

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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:	08/21/2014	Sampling Date:	08/20/2014
Reported:	08/27/2014	Sampling Type:	Soil
Project Name:	PARKWAY ST. COM 4H	Sampling Condition:	Cool & Intact
Project Number:	701162.066.01	Sample Received By:	Kathy Perez
Project Location:	NOT GIVEN		

Sample ID: S-5 0' (H402571-09)

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	08/26/2014	ND	1.82	91.1	2.00	6.10	
Toluene*	<0.050	0.050	08/26/2014	ND	1.70	84.9	2.00	5.49	
Ethylbenzene*	<0.050	0.050	08/26/2014	ND	1.92	95.8	2.00	4.27	
Total Xylenes*	<0.150	0.150	08/26/2014	ND	5.67	94.5	6.00	4.97	
Total BTEX	<0.300	0.300	08/26/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 89.4-126

Chloride, SM4500Cl-B		mg/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/26/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/25/2014	ND	196	98.2	200	1.17	
DRO >C10-C28	12.0	10.0	08/25/2014	ND	211	106	200	2.94	

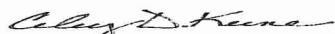
Surrogate: 1-Chlorooctane 115 % 65.2-140

Surrogate: 1-Chlorooctadecane 128 % 63.6-154

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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.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

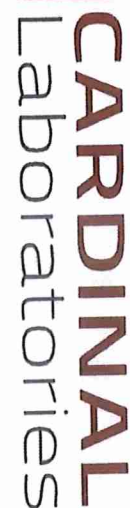
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