

nJMW1317737425 – Dozier Federal Com 1 (06.16.2013)

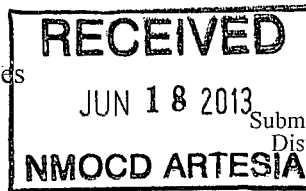
- 1. Incident Occurred (Initial C-141 Signed) – Page 2**
- 2. Soil Assessment and Remediation Work Plan – Page 3-36**
- 3. Talon Request to OCD to backfill after excavating to 10' – Page 37-38**
- 4. Photolog of Excavation area Page 39-42**
- 5. BLM approval to backfill Page 43-45**
- 6. OCD request to collect samples at 11' & 12' but agreed to continue with backfill operations Page 46-49**
- 7. Email containing Lab results from 11' & 12' samples, not exceeding regulatory levels Page 50**
- 8. Analytical Results (11' & 12') Page 51-55**
- 9. Analytical Results from reclamation activities Page 56-62**
- 10. Final C-141 (from today, since no evidence was found of final closure report) Page 63**

This is all the information I could find after looking through previous employees' emails and after contacting Talon, who did the remediation work. The last communication I have between Cimarex employees and Mike Bratcher was on 12.20.2013 (Page 50).

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



Page 2 of 64
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

JMW 1317737425

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company-Cimarex Energy	Contact- James Tinney
Address-600 N Marienfeld Ste 600, Midland Tx 79701	Telephone No. 575 706 0095
Facility Name-Dozier Federal Com 1	Facility Type- Tank battery

Surface Owner	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter	Section 14	Township 19S	Range 31E	Feet from the 1980	North/South Line south	Feet from the 1980	East/West Line west	County - Eddy
-------------	------------	--------------	-----------	--------------------	------------------------	--------------------	---------------------	---------------

Latitude- 32.6591N Longitude- 103.8429W

NATURE OF RELEASE

Type of Release- crude oil	Volume of Release-235bbls	Volume Recovered-20 bbls
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos (BLM) Mike Bratcher (OCD..left message)	
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.*		

(*Please include API#)

Describe Cause of Problem and Remedial Action Take

6/16/13 Pumper arrived on location and noticed oil around bottom of tanks. Pumper called me and I notified Terry Ainsworth (Cimarex), Jim Amos @ BLM and Mike Bratcher @ OCD (Left Message). Could not see any visible signs where oil leaked out of oil tank. Spill was contained inside unlined containment.

Describe Area Affected and Cleanup Action Take

Around oil tanks inside containment. Emptied oil tank with hole, picked up standing oil. Talon to do assessment and 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 NMOC D 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 NMOC D 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, NMOC D 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: <i>James Tinney</i>	OIL CONSERVATION DIVISION	
Printed Name: James Tinney	Approved by District Supervisor: Signed By <i>Mike Bratcher</i>	
Title: Production Foreman	Approval Date: JUN 26 2013	Expiration Date:
E-mail Address: jtinney@cimarex.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 6-17-13 Phone: 575-706-0095	Remediation per OCD Rule & Guidelines, & like approval by BLM. SUBMIT REMEDIATION PROPOSAL NO LATER THAN:	

* Attach Additional Sheets If Necessary

JUN 26 2013
July 26, 2013

2RP-1689



October 23, 2013

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

Mr. Mike Bratcher
NMOCD District 2
811 S. 1st Street
Artesia, NM 88210

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

Subject: **Soil Assessment and Remediation Work Plan**
Cimarex Energy
Dozier Fed Com No. 1
30-015-10804 2RP-1689

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

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.

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

Incident Date

The release was discovered June 16, 2013.

Background Information

The Dozier Fed Com No. 1 is located approximately forty-three (43) miles southeast of Artesia, New Mexico. The legal location for the site is Unit K of Section 14, Township 19S, Range 31E in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.65868 North and -103.84212 West.

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 Simona and Wink fine sandy loams with 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Holocene to middle Pleistocene in age and is comprised of eolian sands and piedmont deposits. Drainage courses in this area are normally dry. Ground water in the project vicinity is approximately 102-feet below ground surface (bgs), according to the New Mexico Office of the State Engineer.

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

A lease operator arrived on site to discover oil around the bottom of the tanks. There was no visible signs of where the oil leaked out of the tank. Approximately 235 bbls of crude oil was released and 20 bbls were recovered. The impacted area was contained within the secondary containment berms.

Laboratory Results

June 27, 2013

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	1	2470	96	20800	46400
S-1	2	2660	32	23000	54300
S-1	3	2280	80	23100	51700
S-2	1	4730	32	29200	45000
S-2	2	3930	ND	26600	41400
S-2	3	2270	ND	12500	22200
S-3	0	3.55	128	ND	15.1

August 27, 2013

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	3.5	1260	--	6220	13200
S-1	5	1120	--	9950	16700
S-1	6.5	1190	--	5520	12600

October 2, 2013

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
B-1	10	12.7	--	<50	158
B-1	15	<0.300	--	<10	204
B-1	20	3.40	--	89	2460
B-1	25	11.4	--	336	5230
B-1	30	4.49	--	177	5130

(ND) Analyte Not Detected

--Analyte Not Tested

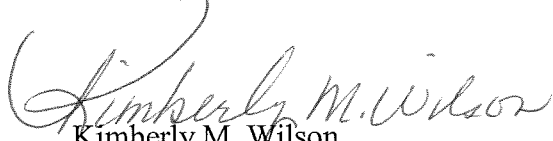
Proposed Remedial Actions

- The tanks in this battery will be removed and the impacted area within the battery will be excavated to a depth of 7-foot deep.
- The excavated soil will be transported to a NMOCD approved solid waste disposal facility, Lea Land, LLC.
- The excavated area will be backfilled using clean material, backhauled from Lea Land to a depth of 4-feet deep.
- A 20 mil liner will be installed at 4-feet deep and a felt liner will also be installed to ensure the structural integrity of the liner.
- New caliche will be used to backfill the remainder of the excavation and new storage tanks will be subsequently installed.
- A final report documenting all field activities and lab reports will be provided to the NMOCD Artesia office including Form C-141.

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

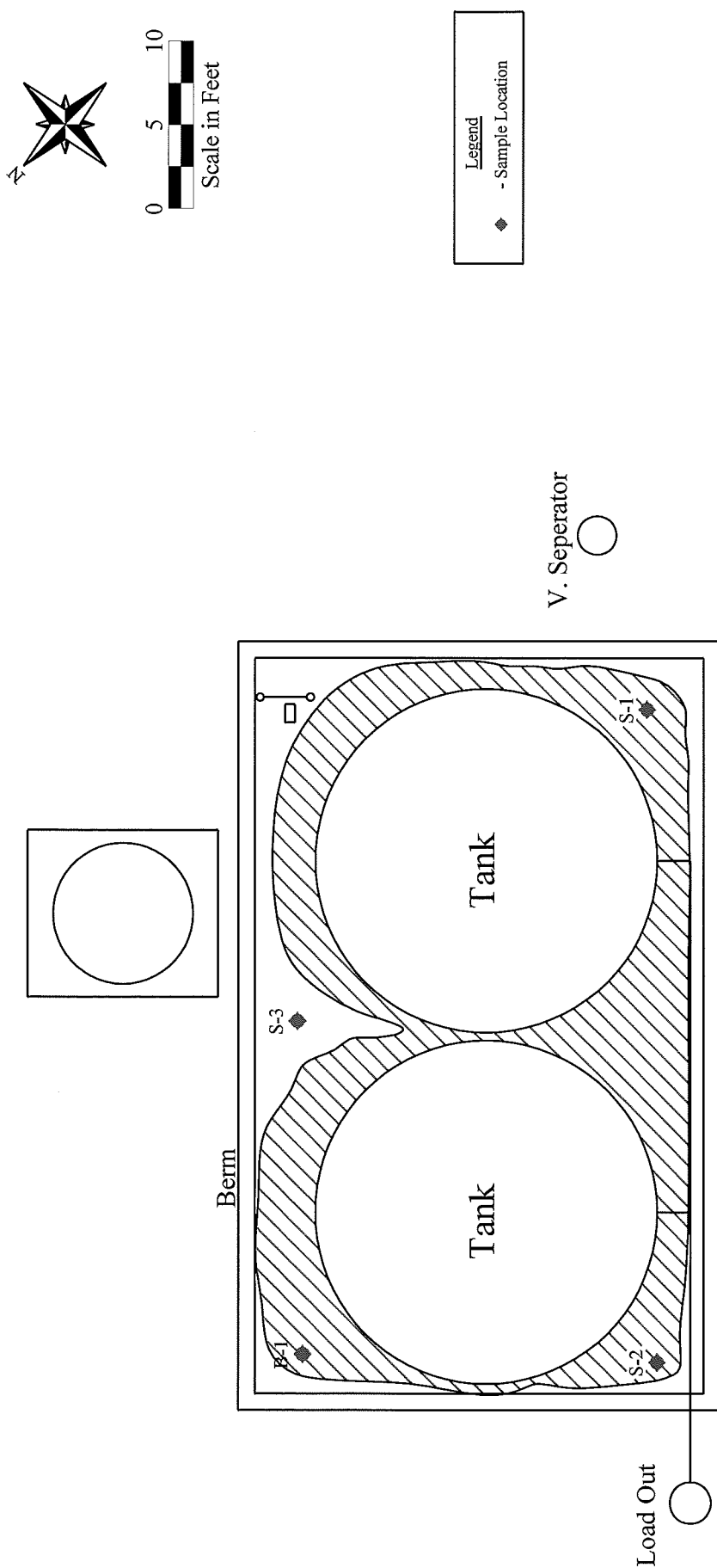
Respectfully submitted,

TALON/LPE


Kimberly M. Wilson
Project Manager


David J. Adkins
District Manager

SITE MAP



Dozier Fed Com #1
Cimarex Energy
Eddy County, New Mexico
Figure 1 - Site Plan

Date: 10/23/2013

Scale: 1" = 10'

Drawn By: TJS



APPENDIX I
GROUNDWATER DATA
INITIAL C-141



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
CP 00829			LE	2	4	16	19S	31E		606165	3614009*	2133	120		
CP 00642 EXPL			ED	2	2	25	19S	31E		611025	3611657*	3440	250		
CP 00640 EXPL			LE	2	2	19	19S	32E		612621	3613280*	4364	260	102	158
CP 00641 EXPL			ED	4	1	36	19S	31E		610247	3609634*	4544	300	130	170
CP 00639 EXPL			LE	3	1	20	19S	32E		613029	3612880*	4824	350	345	5

Average Depth to Water: 192 feet

Minimum Depth: 102 feet

Maximum Depth: 345 feet

Record Count: 5

UTMNAD83 Radius Search (in meters):

Easting (X): 608280

Northing (Y): 3613731

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.

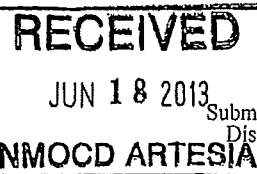
6/17/13 10:42 AM

Page 1 of 1

WATER COLUMN/ AVERAGE
DEPTH TO WATER

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
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Release Notification and Corrective Action

NTMW 1317737425

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company-Cimarex Energy *162683* Contact- James Tinney
Address-600 N Marienfeld Ste 600, Midland Tx 79701 Telephone No. 575 706 0095
Facility Name-Dozier Federal Com 1 Facility Type- Tank battery

Surface Owner Mineral Owner Lease No.

LOCATION OF RELEASE *API # 30-015-10804*

Unit Letter	Section 14	Township 19S	Range 31E	Feet from the 1980	North/South Line south	Feet from the 1980	East/West Line west	County - Eddy
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Signature: <i>James Tinney</i>		OIL CONSERVATION DIVISION	
Printed Name: James Tinney		Approved by District Supervisor: Signed By <i>Mike Bratcher</i>	
Title: Production Foreman		Approval Date: JUN 26 2013 Expiration Date:	
E-mail Address: jtinney@cimarex.com		Conditions of Approval:	
Date: 6-17-13 Phone: 575-706-0095		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary

Remediation per OCD Rule & Guidelines, &
—like approval by BLM. SUBMIT REMEDIATION

PROPOSAL NO LATER THAN:

July 26, 2013

2RP-1689

APPENDIX II
LABORATORY RESULTS



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

June 27, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: DOZIER FED COM #1

Enclosed are the results of analyses for samples received by the laboratory on 06/20/13 8:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2013
Reported: 06/27/2013
Project Name: DOZIER FED COM #1
Project Number: 701162.045.01
Project Location: K-14-19S-31E

Sampling Date: 06/19/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 1' (H301430-01)

BTEX 8021B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	84.1	10.0	06/25/2013	ND	1.96	98.0	2.00	3.95	
Toluene*	802	10.0	06/25/2013	ND	2.09	104	2.00	3.79	
Ethylbenzene*	584	10.0	06/25/2013	ND	2.25	112	2.00	3.79	
Total Xylenes*	996	30.0	06/25/2013	ND	6.79	113	6.00	3.17	
Total BTEX	2470	60.0	06/25/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 118 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/24/2013	ND	416	104	400	3.77	

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	20800	100	06/22/2013	ND	213	107	200	5.16		
DRO >C10-C28	46400	100	06/22/2013	ND	218	109	200	9.40		

Surrogate: 1-Chlorooctane 427 % 65.2-140

Surrogate: 1-Chlorooctadecane 1170 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2013
 Reported: 06/27/2013
 Project Name: DOZIER FED COM #1
 Project Number: 701162.045.01
 Project Location: K-14-19S-31E

Sampling Date: 06/19/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-1 2' (H301430-02)

BTEX 8021B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	85.8	10.0	06/25/2013	ND	1.96	98.0	2.00	3.95	
Toluene*	860	10.0	06/25/2013	ND	2.09	104	2.00	3.79	
Ethylbenzene*	641	10.0	06/25/2013	ND	2.25	112	2.00	3.79	
Total Xylenes*	1080	30.0	06/25/2013	ND	6.79	113	6.00	3.17	
Total BTEX	2660	60.0	06/25/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 117 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2013	ND	416	104	400	3.77	

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	23000	100	06/22/2013	ND	213	107	200	5.16		
DRO >C10-C28	54300	100	06/22/2013	ND	218	109	200	9.40		

Surrogate: 1-Chlorooctane 477 % 65.2-140

Surrogate: 1-Chlorooctadecane 1400 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celest D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2013
Reported: 06/27/2013
Project Name: DOZIER FED COM #1
Project Number: 701162.045.01
Project Location: K-14-19S-31E

Sampling Date: 06/19/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 3' (H301430-03)

BTX 8021B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	63.6	10.0	06/25/2013	ND	1.96	98.0	2.00	3.95	
Toluene*	758	10.0	06/25/2013	ND	2.09	104	2.00	3.79	
Ethylbenzene*	557	10.0	06/25/2013	ND	2.25	112	2.00	3.79	
Total Xylenes*	905	30.0	06/25/2013	ND	6.79	113	6.00	3.17	
Total BTX	2280	60.0	06/25/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/24/2013	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	23100	100	06/22/2013	ND	213	107	200	5.16	
DRO >C10-C28	51700	100	06/22/2013	ND	218	109	200	9.40	

Surrogate: 1-Chlorooctane 473 % 65.2-140

Surrogate: 1-Chlorooctadecane 1320 % 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
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Received: 06/20/2013
 Reported: 06/27/2013
 Project Name: DOZIER FED COM #1
 Project Number: 701162.045.01
 Project Location: K-14-19S-31E

Sampling Date: 06/19/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-2 1' (H301430-04)

BTEX 8021B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	271	10.0	06/25/2013	ND	1.96	98.0	2.00	3.95	
Toluene*	1910	10.0	06/25/2013	ND	2.09	104	2.00	3.79	
Ethylbenzene*	1010	10.0	06/25/2013	ND	2.25	112	2.00	3.79	
Total Xylenes*	1530	30.0	06/25/2013	ND	6.79	113	6.00	3.17	
Total BTEX	4730	60.0	06/25/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 108 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/24/2013	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	29200	100	06/22/2013	ND	213	107	200	5.16	
DRO >C10-C28	45000	100	06/22/2013	ND	218	109	200	9.40	

Surrogate: 1-Chlorooctane 442 % 65.2-140

Surrogate: 1-Chlorooctadecane 1100 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/20/2013
 Reported: 06/27/2013
 Project Name: DOZIER FED COM #1
 Project Number: 701162.045.01
 Project Location: K-14-19S-31E

Sampling Date: 06/19/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: S-2 2' (H301430-05)

BTEx 8021B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	181	10.0	06/25/2013	ND	1.96	98.0	2.00	3.95	
Toluene*	1540	10.0	06/25/2013	ND	2.09	104	2.00	3.79	
Ethylbenzene*	868	10.0	06/25/2013	ND	2.25	112	2.00	3.79	
Total Xylenes*	1350	30.0	06/25/2013	ND	6.79	113	6.00	3.17	
Total BTEX	3930	60.0	06/25/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/24/2013	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	26600	100	06/22/2013	ND	213	107	200	5.16	
DRO >C10-C28	41400	100	06/22/2013	ND	218	109	200	9.40	

Surrogate: 1-Chlorooctane 421 % 65.2-140

Surrogate: 1-Chlorooctadecane 1030 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/20/2013
Reported: 06/27/2013
Project Name: DOZIER FED COM #1
Project Number: 701162.045.01
Project Location: K-14-19S-31E

Sampling Date: 06/19/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-2 3' (H301430-06)

BTEX 8021B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	77.1	5.00	06/25/2013	ND	1.96	98.0	2.00	3.95	
Toluene*	846	5.00	06/25/2013	ND	2.09	104	2.00	3.79	
Ethylbenzene*	533	5.00	06/25/2013	ND	2.25	112	2.00	3.79	
Total Xylenes*	816	15.0	06/25/2013	ND	6.79	113	6.00	3.17	
Total BTEX	2270	30.0	06/25/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/24/2013	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	12500	50.0	06/22/2013	ND	213	107	200	5.16	
DRO >C10-C28	22200	50.0	06/22/2013	ND	218	109	200	9.40	

Surrogate: 1-Chlorooctane 255 % 65.2-140

Surrogate: 1-Chlorooctadecane 536 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/20/2013	Sampling Date:	06/19/2013
Reported:	06/27/2013	Sampling Type:	Soil
Project Name:	DOZIER FED COM #1	Sampling Condition:	Cool & Intact
Project Number:	701162.045.01	Sample Received By:	Jodi Henson
Project Location:	K-14-19S-31E		

Sample ID: S-3 0' (H301430-07)

BTEX 8021B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.365	0.050	06/25/2013	ND	1.96	98.0	2.00	3.95	
Toluene*	1.79	0.050	06/25/2013	ND	2.09	104	2.00	3.79	
Ethylbenzene*	0.590	0.050	06/25/2013	ND	2.25	112	2.00	3.79	
Total Xylenes*	0.809	0.150	06/25/2013	ND	6.79	113	6.00	3.17	
Total BTEX	3.55	0.300	06/25/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/24/2013	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/22/2013	ND	213	107	200	5.16	
DRO >C10-C28	15.1	10.0	06/22/2013	ND	218	109	200	9.40	

Surrogate: 1-Chlorooctane 94.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

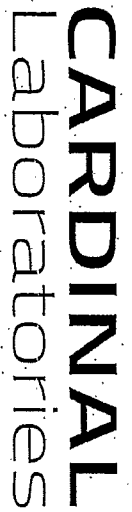
- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 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

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*==Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Page 10 of 10



ANALYSIS REQUEST

† Cardinal cannot accept verbal changes. Please fax written changes to 505-383-2476



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

August 27, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: DOZIER FED COM #1

Enclosed are the results of analyses for samples received by the laboratory on 08/21/13 12:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 08/21/2013
Reported: 08/27/2013
Project Name: DOZIER FED COM #1
Project Number: 701162.045.01
Project Location: K-14-19S-31E

Sampling Date: 08/20/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 3.5' (H301995-01)

BTEX 8021B			mg/kg		Analyzed By: DW				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	25.9	5.00	08/26/2013	ND	1.98	98.8	2.00	0.226	
Toluene*	404	5.00	08/26/2013	ND	1.92	96.0	2.00	1.01	
Ethylbenzene*	296	5.00	08/26/2013	ND	1.96	97.8	2.00	1.05	
Total Xylenes*	531	15.0	08/26/2013	ND	5.83	97.1	6.00	1.23	
Total BTEX	1260	30.0	08/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: AR/				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	6220	50.0	08/26/2013	ND	208	104	200	0.257	
DRO >C10-C28	13200	50.0	08/26/2013	ND	195	97.7	200	2.71	

Surrogate: 1-Chlorooctane 178 % 65.2-140

Surrogate: 1-Chlorooctadecane 309 % 63.6-154

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/21/2013
Reported: 08/27/2013
Project Name: DOZIER FED COM #1
Project Number: 701162.045.01
Project Location: K-14-19S-31E

Sampling Date: 08/20/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 5' (H301995-02)

BTEX 8021B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	32.1	10.0	08/26/2013	ND	1.98	98.8	2.00	0.226	
Toluene*	400	10.0	08/26/2013	ND	1.92	96.0	2.00	1.01	
Ethylbenzene*	262	10.0	08/26/2013	ND	1.96	97.8	2.00	1.05	
Total Xylenes*	429	30.0	08/26/2013	ND	5.83	97.1	6.00	1.23	
Total BTEX	1120	60.0	08/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: AR/						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	9950	50.0	08/26/2013	ND	208	104	200	0.257		
DRO >C10-C28	16700	50.0	08/26/2013	ND	195	97.7	200	2.71		

Surrogate: 1-Chlorooctane 209 % 65.2-140

Surrogate: 1-Chlorooctadecane 400 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 08/21/2013
Reported: 08/27/2013
Project Name: DOZIER FED COM #1
Project Number: 701162.045.01
Project Location: K-14-19S-31E

Sampling Date: 08/20/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: S-1 6.5' (H301995-03)

BTEX 8021B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	25.1	5.00	08/26/2013	ND	1.98	98.8	2.00	0.226	
Toluene*	391	5.00	08/26/2013	ND	1.92	96.0	2.00	1.01	
Ethylbenzene*	269	5.00	08/26/2013	ND	1.96	97.8	2.00	1.05	
Total Xylenes*	509	15.0	08/26/2013	ND	5.83	97.1	6.00	1.23	
Total BTEX	1190	30.0	08/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: AR/						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	5520	50.0	08/26/2013	ND	208	104	200	0.257		
DRO >C10-C28	12600	50.0	08/26/2013	ND	195	97.7	200	2.71		

Surrogate: 1-Chlorooctane 172 % 65.2-140

Surrogate: 1-Chlorooctadecane 305 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

Cardinal Laboratories

* = Accredited Analyte

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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

October 02, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: DOZIER FED COM #1

Enclosed are the results of analyses for samples received by the laboratory on 09/26/13 15:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/26/2013
Reported: 10/02/2013
Project Name: DOZIER FED COM #1
Project Number: 701162.045.01
Project Location: K-14-19S-31E

Sampling Date: 09/26/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: B-1 10' (H302352-01)

BTX 8021B			mg/kg		Analyzed By: MS			S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.236	0.050	10/01/2013	ND	1.93	96.7	2.00	7.21		
Toluene*	4.56	0.050	10/01/2013	ND	1.91	95.5	2.00	7.26		
Ethylbenzene*	3.18	0.050	10/01/2013	ND	1.97	98.5	2.00	8.07		
Total Xylenes*	4.76	0.150	10/01/2013	ND	5.83	97.1	6.00	7.93		
Total BTX	12.7	0.300	10/01/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 128 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	09/28/2013	ND	195	97.5	200	11.3	
DRO >C10-C28	158	50.0	09/28/2013	ND	185	92.3	200	5.20	

Surrogate: 1-Chlorooctane 65.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.0 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/26/2013
Reported: 10/02/2013
Project Name: DOZIER FED COM #1
Project Number: 701162.045.01
Project Location: K-14-19S-31E

Sampling Date: 09/26/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: B-1 15' (H302352-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.067	0.050	10/01/2013	ND	1.93	96.7	2.00	7.21		
Toluene*	0.121	0.050	10/01/2013	ND	1.91	95.5	2.00	7.26		
Ethylbenzene*	<0.050	0.050	10/01/2013	ND	1.97	98.5	2.00	8.07		
Total Xylenes*	<0.150	0.150	10/01/2013	ND	5.83	97.1	6.00	7.93		
Total BTEX	<0.300	0.300	10/01/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 89.4-126

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	09/28/2013	ND	195	97.5	200	11.3		
DRO >C10-C28	204	10.0	09/28/2013	ND	185	92.3	200	5.20		

Surrogate: 1-Chlorooctane 76.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.3 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 09/26/2013
Reported: 10/02/2013
Project Name: DOZIER FED COM #1
Project Number: 701162.045.01
Project Location: K-14-19S-31E

Sampling Date: 09/26/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: B-1 20' (H302352-03)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.083	0.050	10/01/2013	ND	1.93	96.7	2.00	7.21	
Toluene*	0.682	0.050	10/01/2013	ND	1.91	95.5	2.00	7.26	
Ethylbenzene*	1.09	0.050	10/01/2013	ND	1.97	98.5	2.00	8.07	
Total Xylenes*	1.54	0.150	10/01/2013	ND	5.83	97.1	6.00	7.93	
Total BTX	3.40	0.300	10/01/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 223 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	89.0	50.0	09/28/2013	ND	195	97.5	200	11.3	
DRO >C10-C28	2460	50.0	09/28/2013	ND	185	92.3	200	5.20	

Surrogate: 1-Chlorooctane 90.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 135 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/26/2013
Reported: 10/02/2013
Project Name: DOZIER FED COM #1
Project Number: 701162.045.01
Project Location: K-14-19S-31E

Sampling Date: 09/26/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: B-1 25' (H302352-04)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	10/01/2013	ND	1.99	99.3	2.00	0.254	
Toluene*	<0.200	0.200	10/01/2013	ND	2.02	101	2.00	0.364	
Ethylbenzene*	1.97	0.200	10/01/2013	ND	2.04	102	2.00	0.293	
Total Xylenes*	9.44	0.600	10/01/2013	ND	6.27	105	6.00	0.651	
Total BTX	11.4	1.20	10/01/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 248 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	336	10.0	09/30/2013	ND	217	108	200	5.63	
DRO >C10-C28	5230	10.0	09/30/2013	ND	211	106	200	5.36	

Surrogate: 1-Chlorooctane 170 % 65.2-140

Surrogate: 1-Chlorooctadecane 180 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 09/26/2013
Reported: 10/02/2013
Project Name: DOZIER FED COM #1
Project Number: 701162.045.01
Project Location: K-14-19S-31E

Sampling Date: 09/26/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: B-1 30' (H302352-05)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	10/01/2013	ND	1.99	99.3	2.00	0.254	
Toluene*	<0.100	0.100	10/01/2013	ND	2.02	101	2.00	0.364	
Ethylbenzene*	0.146	0.100	10/01/2013	ND	2.04	102	2.00	0.293	
Total Xylenes*	4.34	0.300	10/01/2013	ND	6.27	105	6.00	0.651	
Total BTX	4.49	0.600	10/01/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	177	10.0	09/30/2013	ND	217	108	200	5.63		
DRO >C10-C28	5130	10.0	09/30/2013	ND	211	106	200	5.36		

Surrogate: 1-Chlorooctane 153 % 65.2-140

Surrogate: 1-Chlorooctadecane 186 % 63.6-154

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*=Accredited Analyte

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Notes and Definitions

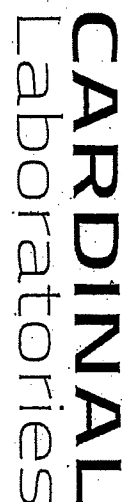
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	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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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Valero/UPC</u>		P.O. #:	
Project Manager: <u>D. Adams</u>		Company: <u>Valero</u>	
Address: <u>408 W. 2nd St</u>		Attn:	
City: <u>Altoona</u>		Address:	
Phone #: <u>575-746-8168</u>		City:	
Project #: <u>701162.045.01</u>		State:	
Project Name: <u>Donner Fed com #1</u>		Zip:	
Project Location:		Phone #:	
Sample Name: <u>C. Barea</u>		Fax #:	
FOR LAB USE ONLY		MATRIX	
Lab I.D. Sample I.D.	1301352 1 131110 2 131115 3 131120 4 131125 5 131130	(G)RAB OR (C)OMP.	DATE 9/24/13 TIME 10:55 11:03 11:09 11:23 11:25
		# CONTAINERS	
		GROUNDWATER	
		WASTEWATER	
		SOIL	
		OIL	
		SLUDGE	
		OTHER :	
ACID/BASE:		Chlorides TPH BTEX	
ICE / COOL			
OTHER :			
CHECKED BY: <u>[Signature]</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____	

Dozier Fed Com #1 Battery * 30-015-10804 * 2RP-1689

Kimberly M. Wilson <kwilson@talonlpe.com>

12/12/2013 at 10:12 AM

From: **Kimberly M. Wilson** <kwilson@talonlpe.com>


Sent: 12/12/2013 at 10:12 AM

To: **Bratcher, Mike, EMNRD** <mike.bratcher@state.nm.us>, **Van Curen, Jennifer** <jvancure@blm.gov>

Cc: **Christine Alderman** <calderman@cimarex.com>, **Johnny Titsworth** <jtitsworth@cimarex.com>,

James Tinney <ltinney@cimarex.com>, **David Adkins** <dadkins@talonlpe.com>

 1 Attachment(s) Total 218.2 KB View ^

 20131212091216122.pdf (218.2 KB)

Mike,

Please find the initial work plan with the lab data.

The tanks were removed and the battery has been excavated to the depth of 10', which is under the Recommended Remedial Action Levels (RRALs). We are asking for approval to backfill.

Please reply to all.

Thank you.

Respectfully,

Kimberly M. Wilson

Project Manager

Talon/LPE

408 West Texas Avenue

Artesia, New Mexico 88210

Office: 575.746.8768

Fax: 575.746.8905

Cell: 575.602.3826

Emergency: 866.742.0742

Email: kwilson@talonlpe.com

Web: www.talonlpe.com



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist

Staples Foundation for Learning Hall of Fame Recipient:2010

ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006

Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007









Re: Dozier Fed Com #1 Battery * 30-015-10804 * 2RP-1689

Van Curen, Jennifer <jvancure@blm.gov>

12/12/2013 at 03:26 PM

From: Van Curen, Jennifer <jvancure@blm.gov>

Sent: 12/12/2013 at 03:26 PM

To: Kimberly M. Wilson <kwilson@talonlpe.com>

Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>, Christine Alderman <calderman@cimarex.com>,

Johnny Titsworth <jtitsworth@cimarex.com>, James Tinney <ltinney@cimarex.com>,

David Adkins <dadkins@talonlpe.com>

Kimberly,

Approval to backfill. Thanks.

JENNIFER E VAN CUREN
ENVIRONMENTAL PROTECTION SPECIALIST
DOI-BLM-CARLSBAD FIELD OFFICE
320 E GREENE ST. CARLSBAD, NM 88220
OFFICE- 575-234-5905
CELL - 575-361-0042
FAX - 575-234-5927

On Thu, Dec 12, 2013 at 9:12 AM, Kimberly M. Wilson <kwilson@talonlpe.com> wrote:

Mike,

Please find the initial work plan with the lab data.

The tanks were removed and the battery has been excavated to the depth of 10', which is under the Recommended Remedial Action Levels (RRALs). We are asking for approval to backfill.

Please reply to all.

Thank you.

Respectfully,

Kimberly M. Wilson

Project Manager

Talon/LPE

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Artesia, New Mexico 88210

Office: 575.746.8768

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Emergency: 866.742.0742

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ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006

Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007

RE: Dozier Fed Com #1 Battery * 30-015-10804 * 2RP-1689

Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

12/12/2013 at 04:46 PM

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

Sent: 12/12/2013 at 04:46 PM

To: David Adkins <dadkins@talonlpe.com>

Cc: Kimberly M. Wilson <kwilson@talonlpe.com>, Van Curen, Jennifer <jvancure@blm.gov>,

Christine Alderman <calderman@cimarex.com>, Johnny Titsworth <jtitsworth@cimarex.com>,

James Tinney <jtinney@cimarex.com>

Thanks David – I thought that was probably the case, and then after seeing the photos, the sample points and the boring were not all that far apart. I spoke with Johnny and Christine and they were going to grab the additional samples and continue with backfill ops. So we should be good.

Thanks again,

Mike Bratcher

NMOCD District 2

811 S. First Street

Artesia, NM 88210

O: 575-748-1283 X108

C: 575-626-0857

F: 575-748-9720

From: David Adkins [mailto:dadkins@talonlpe.com]

Sent: Thursday, December 12, 2013 3:30 PM

To: Bratcher, Mike, EMNRD

Cc: Kimberly M. Wilson; Van Curen, Jennifer; Christine Alderman; jtitsworth@cimarex.com; jtinney@cimarex.com

Subject: Re: Dozier Fed Com #1 Battery * 30-015-10804 * 2RP-1689

Hi Mike

Responding to the portion of your email regarding the drilling location... I was on site that day and made that field decision regarding accessibility and safety of the drill rig.

The previous location was sampled with a backhoe reaching into a spot too tight for the drill rig. Additionally, I believe there were overhead power lines with a drop to power the battery in the vicinity. The whole battery was impacted so I didn't feel like it would change the outcome of the assessment to any degree. I apologize for any confusion or if that wasn't made clear to you prior. Please let me know if I can provide any further details.

Respectfully,

David J. Adkins

District Manager

Talon/LPE

[please forgive any spelling/grammatical errors as this was sent by mobile device]

On Dec 12, 2013, at 2:42 PM, "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us> wrote:

Kimberly – Thanks for the photos, that helps. I do have a couple of questions and maybe Christine or Johnny could answer. My understanding is that this is a 10' excavation. Is the plan to backfill to 4' and install a liner, or backfill to grade and install a lined facility/battery? Why was B-1 installed on the opposite side of the battery from S-1 and S-2? And it appears the TPH levels rose above RRALs in the 25' and 30' interval. I don't really see it changing the overall plan much, but OCD would have preferred to see the boring installed a little closer to the sample points if practicable, especially since the main contaminant of concern here is light end hydrocarbon. At this point, considering a 10' excavation, I would request confirmation samples be obtained from the 11' and 12' interval in the area of S-1 and S-2 and tested for BTEX and TPH.

Thanks,

Mike Bratcher

NMOCD District 2

811 S. First Street

Artesia, NM 88210

O: 575-748-1283 X108

C: 575-626-0857

F: 575-748-9720

From: Kimberly M. Wilson [mailto:kwilson@talonlpe.com]

Sent: Thursday, December 12, 2013 1:02 PM

To: Bratcher, Mike, EMNRD; Van Curen, Jennifer

Cc: Christine Alderman; jtitsworth@cimarex.com; jtinney@cimarex.com; David Adkins

Subject: Dozier Fed Com #1 Battery * 30-015-10804 * 2RP-1689

Mike and Jennifer,

Please find attached the pictures of the open excavation at the above reference location.

Kimberly M. Wilson

Project Manager

Talon/LPE

408 West Texas Avenue

Artesia, New Mexico 88210

Office: 575.746.8768

Fax: 575.746.8905

Cell: 575.602.3826

Emergency: 866.742.0742

Email: kwilson@talonlpe.com

Web: www.talonlpe.com

<image001.png>

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Staples Foundation for Learning Hall of Fame Recipient:2010

ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006

Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007

Dozier

Johnny Titsworth <jtitsworth@cimarex.com>

12/20/2013 at 08:07 AM

From: **Johnny Titsworth** <jtitsworth@cimarex.com>

Sent: 12/20/2013 at 08:07 AM

To: **'mike.bratcher@state.nm.us'** <mike.bratcher@state.nm.us>, **'jvancure@blm.gov'** <jvancure@blm.gov>

Cc: **Christine Alderman** <calderman@cimarex.com>

📎 1 Attachment(s) Total 164.3 KB View ^

📎 Dozier anltical.pdf (164.3 KB)

Mike/Jennifer,

Attached is the analytical for the 11' and 12' samples at the Dozier Fed TB that was requested. There is a little impact, but it doesn't exceed regulatory levels. We have removed the 10' of impact, replaced with clean material, and placed a liner at the surface to prevent further impact while the facility is in production. The closure report should be coming soon. If there is anything else that you need, feel free to contact us . Thanks and have a Merry Christmas.

Johnny Titsworth

Environmental Compliance Coordinator

600 N. Marienfeld St., Suite 600

Midland, TX 79701

Mobile: 432-250-2059

Office: 432-620-1983

cid:image001.png@01CE2708.7C99F810



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

December 17, 2013

JIM HAWLEY

H & R ENTERPRISES

1010 GAMBLIN ROAD

HOBBS, NM 88240

RE: DOZIER FED #1

Enclosed are the results of analyses for samples received by the laboratory on 12/13/13 10:10.

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,

A handwritten signature in cursive script that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
JIM HAWLEY
1010 GAMBLIN ROAD
HOBBS NM, 88240
Fax To: NONE

Received: 12/13/2013
Reported: 12/17/2013
Project Name: DOZIER FED #1
Project Number: NON GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/12/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Kathy Perez

Sample ID: #1 11' BGS (H303013-01)

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	12/15/2013	ND	1.70	85.2	2.00	5.81	
Toluene*	0.109	0.050	12/15/2013	ND	1.70	85.0	2.00	5.97	
Ethylbenzene*	0.120	0.050	12/15/2013	ND	1.70	85.0	2.00	6.15	
Total Xylenes*	<0.150	0.150	12/15/2013	ND	5.00	83.3	6.00	5.78	
Total BTEX	0.339	0.300	12/15/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 89.4-126

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	12/17/2013	ND	181	90.5	200	0.132	
DRO >C10-C28	695	10.0	12/17/2013	ND	180	90.2	200	3.21	

Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 128 % 63.6-154

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

H & R ENTERPRISES
JIM HAWLEY
1010 GAMBLIN ROAD
HOBBS NM, 88240
Fax To: NONE

Received: 12/13/2013
Reported: 12/17/2013
Project Name: DOZIER FED #1
Project Number: NON GIVEN
Project Location: NOT GIVEN

Sampling Date: 12/12/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Kathy Perez

Sample ID: #2 12' BGS (H303013-02)

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	12/15/2013	ND	1.70	85.2	2.00	5.81		
Toluene*	<0.050	0.050	12/15/2013	ND	1.70	85.0	2.00	5.97		
Ethylbenzene*	<0.050	0.050	12/15/2013	ND	1.70	85.0	2.00	6.15		
Total Xylenes*	<0.150	0.150	12/15/2013	ND	5.00	83.3	6.00	5.78		
Total BTEX	<0.300	0.300	12/15/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 89.4-126

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	12/17/2013	ND	181	90.5	200	0.132	
DRO >C10-C28	879	10.0	12/17/2013	ND	180	90.2	200	3.21	

Surrogate: 1-Chlorooctane 113 % 65.2-140

Surrogate: 1-Chlorooctadecane 139 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



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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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A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

[illegible]



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

March 30, 2021

JIM HAWLEY

MC DANIELS CO.

12900 PRESTON RD #415

DALLAS, TX 75230

RE: DOZIER FED #1

Enclosed are the results of analyses for samples received by the laboratory on 03/29/21 8:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

MC DANIELS CO.
JIM HAWLEY
12900 PRESTON RD #415
DALLAS TX, 75230
Fax To:

Received: 03/29/2021
Reported: 03/30/2021
Project Name: DOZIER FED #1
Project Number: NONE GIVEN
Project Location: CIMAREX

Sampling Date: 03/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NW #1 (H210770-01)

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	03/29/2021	ND	2.14	107	2.00	4.56	QR-03
Toluene*	<0.050	0.050	03/29/2021	ND	2.08	104	2.00	4.82	QR-03
Ethylbenzene*	<0.050	0.050	03/29/2021	ND	1.98	98.9	2.00	4.56	
Total Xylenes*	<0.150	0.150	03/29/2021	ND	5.78	96.4	6.00	4.03	
Total BTEX	<0.300	0.300	03/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	03/30/2021	ND	432	108	400	3.77		

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	03/29/2021	ND	217	108	200	2.61	
DRO >C10-C28*	<10.0	10.0	03/29/2021	ND	223	111	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/29/2021	ND					

Surrogate: 1-Chlorooctane 73.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 71.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC DANIELS CO.
JIM HAWLEY
12900 PRESTON RD #415
DALLAS TX, 75230
Fax To:

Received: 03/29/2021
Reported: 03/30/2021
Project Name: DOZIER FED #1
Project Number: NONE GIVEN
Project Location: CIMAREX

Sampling Date: 03/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NE #1 (H210770-02)

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	03/29/2021	ND	2.14	107	2.00	4.56	
Toluene*	<0.050	0.050	03/29/2021	ND	2.08	104	2.00	4.82	
Ethylbenzene*	<0.050	0.050	03/29/2021	ND	1.98	98.9	2.00	4.56	
Total Xylenes*	<0.150	0.150	03/29/2021	ND	5.78	96.4	6.00	4.03	
Total BTEX	<0.300	0.300	03/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/30/2021	ND	432	108	400	3.77	

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	03/29/2021	ND	217	108	200	2.61	
DRO >C10-C28*	<10.0	10.0	03/29/2021	ND	223	111	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/29/2021	ND					

Surrogate: 1-Chlorooctane 62.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 61.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC DANIELS CO.
JIM HAWLEY
12900 PRESTON RD #415
DALLAS TX, 75230
Fax To:

Received: 03/29/2021
Reported: 03/30/2021
Project Name: DOZIER FED #1
Project Number: NONE GIVEN
Project Location: CIMAREX

Sampling Date: 03/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SW #1 (H210770-03)

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	03/29/2021	ND	2.14	107	2.00	4.56	
Toluene*	<0.050	0.050	03/29/2021	ND	2.08	104	2.00	4.82	
Ethylbenzene*	<0.050	0.050	03/29/2021	ND	1.98	98.9	2.00	4.56	
Total Xylenes*	<0.150	0.150	03/29/2021	ND	5.78	96.4	6.00	4.03	
Total BTEx	<0.300	0.300	03/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/30/2021	ND	432	108	400	3.77		

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	03/29/2021	ND	217	108	200	2.61	
DRO >C10-C28*	<10.0	10.0	03/29/2021	ND	223	111	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/29/2021	ND					

Surrogate: 1-Chlorooctane 67.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 65.4 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

MC DANIELS CO.
JIM HAWLEY
12900 PRESTON RD #415
DALLAS TX, 75230
Fax To:

Received: 03/29/2021
Reported: 03/30/2021
Project Name: DOZIER FED #1
Project Number: NONE GIVEN
Project Location: CIMAREX

Sampling Date: 03/26/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SE #1 (H210770-04)

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	03/29/2021	ND	2.14	107	2.00	4.56	
Toluene*	<0.050	0.050	03/29/2021	ND	2.08	104	2.00	4.82	
Ethylbenzene*	<0.050	0.050	03/29/2021	ND	1.98	98.9	2.00	4.56	
Total Xylenes*	<0.150	0.150	03/29/2021	ND	5.78	96.4	6.00	4.03	
Total BTEx	<0.300	0.300	03/29/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	03/30/2021	ND	432	108	400	3.77		

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	03/29/2021	ND	217	108	200	2.61	
DRO >C10-C28*	<10.0	10.0	03/29/2021	ND	223	111	200	3.27	
EXT DRO >C28-C36	<10.0	10.0	03/29/2021	ND					

Surrogate: 1-Chlorooctane 71.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 69.0 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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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.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]

Incident ID	nJMW1317737425
District RP	
Facility ID	
Application ID	

Closure

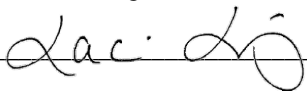
The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Laci Luig _____ Title: EHS Specialist _____


Signature:  _____ Date: 12/15/2022 _____

email: laci.luig@coterra.com _____ Telephone: (432) 208-3035 _____

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  _____ Date: 10/18/2023 _____

Printed Name: Brittany Hall _____ Title: Environmental Specialist _____

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 181978

CONDITIONS

Operator: CIMAREX ENERGY CO. OF COLORADO 6001 Deauville Blvd, Ste 300N Midland, TX 79706	OGRID: 162683
	Action Number: 181978
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
bhall	None	10/18/2023