Page 1 of 37

	I ugc I oj .
Incident ID	nab1432353445
District RP	2RP-2611
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.
$\square$ A scaled site and sampling diagram as described in 19.15.29.11 NM	AC
New Photographs of the remediated site prior to backfill or photos of the must be notified 2 days prior to liner inspection	te liner integrity if applicable (Note: appropriate OCD District office
X Laboratory analyses of final sampling (Note: appropriate ODC Dis	trict 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 and regulations all operators are required to report and/or file certain relemany endanger public health or the environment. The acceptance of a C-should their operations have failed to adequately investigate and remedia human health or the environment. In addition, OCD acceptance of a C-1 compliance with any other federal, state, or local laws and/or regulations restore, reclaim, and re-vegetate the impacted surface area to the condition accordance with 19.15.29.13 NMAC including notification to the OCD verified Name:  Dale Woodall  Dale Woodall	ease notifications and perform corrective actions for releases which 141 report by the OCD does not relieve the operator of liability at contamination that pose a threat to groundwater, surface water, 41 report does not relieve the operator of responsibility for s. The responsible party acknowledges they must substantially ons that existed prior to the release or their final land use in
	:: <u>5/10/2023</u>
email:dale.woodall@dvn.com Tele	ephone: 405-318-4697
OCD Only	
Received by:	Date:5/10/2023
Closure approval by the OCD does not relieve the responsible party of lia remediate contamination that poses a threat to groundwater, surface water party of compliance with any other federal, state, or local laws and/or reg	, human health, or the environment nor does not relieve the responsible
Closure Approved by: Ashley Maxwell	Date:5/11/2023
Closure Approved by: Ashley Maxwell  Printed Name: Ashley Maxwell	Title: Environmental Scientist



June 17, 2015

Mr. Mike Bratcher

NMOCD District 2

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

408 West Texas Ave. Artesia, New Mexico 88210

> Phone 575,746,8768 Fax 575.746.8905

ARTESIA

811 S. 1<sup>st</sup> Street Artesia, NM 88210

Subject:

Remedial Activities and Closure Report

**Devon Energy Corporation** Todd 26 G Federal #2

API # 30-015-20277 - 2RP-2611 Lease No.: NM-NM-0405444-A

Dear Mr. Bratcher

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

Devon Energy Corporation (Devon) has contracted Talon/LPE (Talon) to perform initial spill response, soil assessment and remediation services at the above referenced location. The incident description, soil sampling results, remediation activities and closure request are submitted herein.

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

### **Incident Date**

November 9, 2014

### **Background Information**

OKLAHOMA CITY 7700 North Hudson Avenue Oklahoma City, Oklahoma 73II6 Phone 405.486.7030 Fax 806,467,0622

The Todd 26 G Federal #2 is located approximately thirty-eight (38) miles southeast of Carlsbad, New Mexico. The legal location for the site is Unit letter G of Section 26, Township 23S, Range 31E in Eddy County, New Mexico. More specifically the latitude and longitude for the release are 32.2771913 North and -103.7454125 West. See site plan in Appendix I.

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

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 Holocence to Middle Pleistocene in age and is comprised of eolian sands. Drainage courses in this area are normally dry. Ground water in the project vicinity is approximately 430-feet below ground surface (bgs), according to the New Mexico Office of the State Engineer. See Appendix II for the referenced groundwater data.

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

**ENVIRONMENTAL CONSULTING ENGINEERING** 

DRILLING CONSTRUCTION SPILL MANAGEMENT GENERAL CONTRACTING Depth to ground water >100' Wellhead protection area >1000° Distance to surface water body >1000'

Page 1 of 4

Released to Imaging: 5/11/2023 7:32:22 AM

Toll Free: 866.742.0742 www.talonlpe.com

### **Incident Description**

A power failure at the Todd 26 G Fed 2 SWD caused the release of 45 barrels of oil. The wells were shut-in and the faulty unit was replaced. The wells were then put back into service. A vacuum truck was immediately dispatched to the location and recovered 40 barrels of oil. Additionally a backhoe was utilized to scraped the saturated soil off of the surface of the location. The area effected remained on the north side of the location with a flow path measuring approximately 217-feet long by 30-feet wide. See site plan in Appendix I.

### **Actions Taken**

On November 14, 2014 Talon mobilized personnel to begin the site assessment and soil sampling activities for the construction of a work plan. Grab soil samples were collected utilizing a hand auger to a depth of 2.5-feet below ground surface. See Table 1.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, and volatile organics (BTEX) using EPA Method 8021B. The chloride samples were analyzed per Method SM4500Cl-B.

### **Laboratory Results**

See Appendix III for complete report of laboratory results.

November 20, 2014

Table 1

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0'	ND	48	ND	ND
	1'	ND	1340	ND	69.4
	2'	<u> </u>	1760		
	2.5'		672		
S-2	0'	ND	144	ND	ND
	1'	ND	ND	ND	ND
	2'		ND		
S-3	0'	54.7	ND	1070	5630
	1'	ND	ND	ND	ND
	2'		ND		
S-4	0'	167	32	4250	15800
	1'	ND	32	13.4	ND
	2'		ND		
S-5	0'	59.2	48	1130	4320
	1'	ND	48	ND	10.1
	2'		ND		

<sup>(--)</sup> Analyte Not Tested

Received by OCD: 5/10/2023 9:21:23 AM

<sup>(</sup>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, and 5,000 mg/kg for TPH.

### **Remedial Actions**

- The impacted area in the vicinity of sample location S-1 was excavated to a depth of 2.5-feet bgs.
- The impacted area in the vicinity of sample locations S-3, S-4 and S-5 were excavated to a depth of 1-foot bgs.
- Per NMOCD stipulations, confirmation soil samples were taken at sample locations S-3, S-4 and S-5. The results of these confirmation samples are summarized in the table below.
- All of the excavated material was hauled to an NMOCD approved solid waste disposal facility.
- The excavation was backfilled with caliche and contoured to match the surrounding location.

### **Confirmation Sampling**

See Appendix III for complete report of laboratory results.

April 16, 2015

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-3	1	ND		ND	ND
S-4	1	ND		ND	26.8
S-5	1	ND		ND	ND

(--) Analyte Not Tested (ND) Analyte Not Detected

Released to Imaging: 5/11/2023 7:32:22 AM

Received by OCD: 5/10/2023 9:21:23 AM

### Closure

On behalf of Devon Energy we respectfully request that no further actions be required and that closure with respect to this release be granted.

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

M. Wilson

Respectfully submitted,

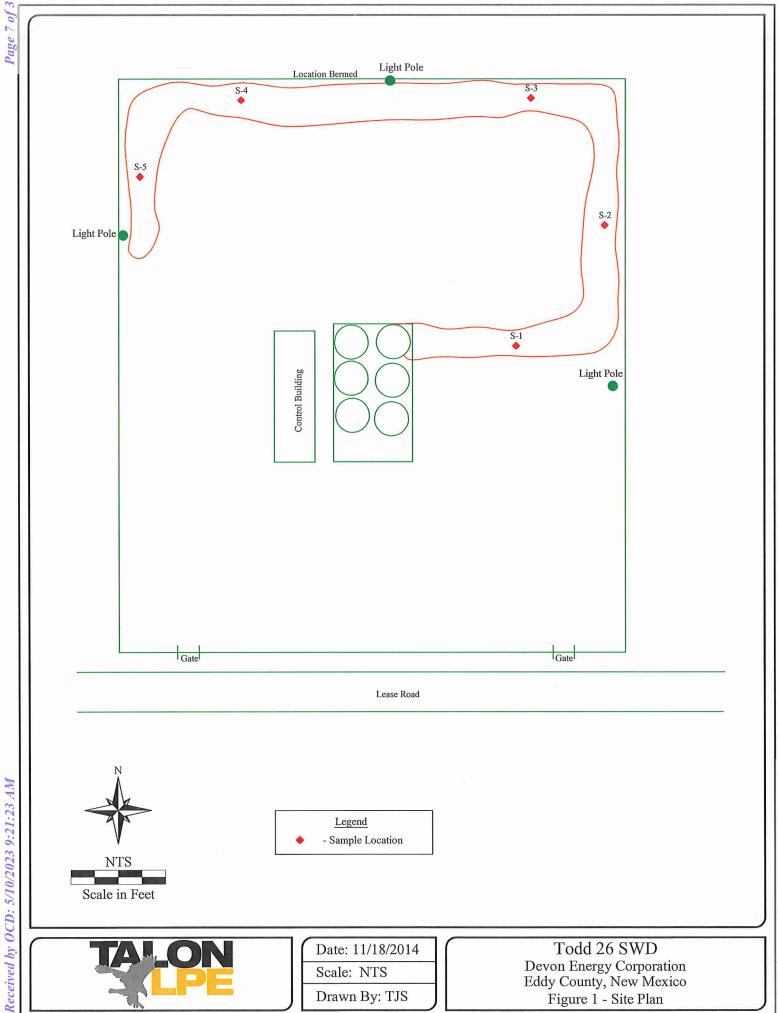
TALON/LPE

Kimberly M. Wilson Project Manager David J. Adkins District Manager

Received by OCD: 5/10/2023 9:21:23 AM

## APPENDIX I

SITE MAP





Scale: NTS

Drawn By: TJS

Devon Energy Corporation Eddy County, New Mexico Figure 1 - Site Plan

## APPENDIX II 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 smallest to largest) (NAD83 UTM in meters)

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

3	0.0000)	`							(,	, 1000 0 1111 1111	01010)	7,	iii icci)	
	POD											13.0	1	
	Sub-		Q	Q	Q							Depth	Depth	Water
POD Number	Code basin	County	64	16	4	Sec	Tws	Rng	Х	Υ	Distance			Column
C 02258	С	ED		3	2	26	23S	31E	618055	3571853* 🌑	425	662		
C 02348	С	ED	1	4	3	26	23S	31E	617648	3571068 🌑	1298	700	430	270

Average Depth to Water: 430 feet

> Minimum Depth: 430 feet

Maximum Depth: 430 feet

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 618351

Northing (Y): 3572159

Radius: 3000

\*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.

Released to Imaging: 5/11/2023 7:32:22 AM

Date: November 11, 2014

\* Attach Additional Sheets If Necessary

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

Type of Release Spill Oil

Source of Release Oil tank overflow

Was Immediate Notice Given?

## 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

Released to Imaging: 5/11/2023 7:32:22 AM

NM Submit I Copy to appropriate District Office in ARaccordance with 19.15.29 NMAC.

Volume Recovered 40bbls oil

Date and Hour of Discovery

November 09, 2014 9:00 AM

	Release Notification and Corrective Action										
NAB14	3235	3445	¥		<b>OPERA</b>	ГOR		al Report		Final Repor	
Name of Co					7 Contact D	aniel Suniga- D	evon Production	Foreman			
Address 64	88 Seven	Rivers Hwy	Artesia, N	IM 88220	Telephone	No. 575-390-58	50				
Facility Na	me Todd 2	26G Fed 2 S'	WD		Facility Ty	pe Salt Water D	isposal				
ā a a											
Surface Ow	ner Feder	ral		Mineral (	Owner Federal		API No	<b>30-015</b>	-20277	7	
				LOCA	TION OF REI	LEASE		•	2		
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County			
G	S26	T23S	R31E	. 1980	FNI.	1650	FFI	Eddy			

Latitude: 32.277191377827 Longitude: -103.745412550316

### NATURE OF RELEASE

Volume of Release 45 bbls oil

**Date and Hour of Occurrence** 

November 09, 2014 ~8:30 AM

LIBMIT REMEDIATION PROPOSAL NO

If YES, To Whom?

Mike Bratcher- OCD Jeff Robertson- BLM

by whom: Wesley Ryan- Devon Assistant Production Foreman	<b>Date and Hour</b> November 10, 2014 11:21 AM; November 11, 2014 3:00 PM
Was a Watercourse Reached?	If YES, Volume Impacting the Watercourse
☐ Yes ⊠ No	N/A
Ye W. A	
If a Watercourse was Impacted, Describe Fully.* N/A	
Describe Course of Paul 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Describe Cause of Problem and Remedial Action Taken.*	
The DR-120-24 v power supply that provides 24 VDC to the PLC	C failed and a loss of power occurred at the Todd 26G Fed 2 SWD that led to a
spill of 45 bbls of oil. As a result of the power outage pumps and alarms	lost power and communication with each other. The faulty unit was replaced
and power was restored to the PLC.	e e
D " 1 10" 1 20"	
Describe Area Affected and Cleanup Action Taken.*	
A 60 X20 area of the pad at the Northwest side near the storage tanks in	side the berm containment was affected by the spill requiring the aid of a vacuum
with clean caliche.	spilled were recovered. The contaminated caliche will be removed and replaced
with clean canche.	
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	ne NMOCD marked as "Final Report" does not relieve the operator of liability
should their operations have failed to adequately investigate and remedia	te 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: Yuri Fernández	
Signature. Guro Sernandez	Approved by Environmismos Byjake 1/4 Brancules
	Approved by Environmental Registration of the American Approved Broad Registration (Environmental Registration Approved Broad Registration Reg
Printed Name: Yuri Fernandez	District
	1110111
Title: Field Admin Support	Approval Date:                         Expiration Date:
E-mail Address: Yuri.Fernandez@dvn.com	Conditions of Approval:
No. 10 to 10	Remediation per O.C.D. Rules & Guidelines

ATER THAN:

Page 11 of 37

Incident ID	nab1432353445
District RP	2RP-2611
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	g items must be included in the closure report.
$\square$ A scaled site and sampling diagram as described in 19.15.29	2.11 NMAC
Note That Photographs of the remediated site prior to backfill or photomust be notified 2 days prior to liner inspection	tos of the liner integrity if applicable (Note: appropriate OCD District office
X Laboratory analyses of final sampling (Note: appropriate O	DDC District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file cer may endanger public health or the environment. The acceptance should their operations have failed to adequately investigate and human health or the environment. In addition, OCD acceptance compliance with any other federal, state, or local laws and/or reg restore, reclaim, and re-vegetate the impacted surface area to the accordance with 19.15.29.13 NMAC including notification to the	
Printed Name:Dale Woodall	Title: EHS Professional
Signature: Dals Woodall	Date: _5/10/2023
email:dale.woodall@dvn.com	Telephone: 405-318-4697
OCD Only	
Received by:	Date:
	rty of liability should their operations have failed to adequately investigate and ce water, human health, or the environment nor does not relieve the responsible nd/or regulations.
Closure Approved by:	Date:
Printed Name:	Title:

Received by OCD: 5/10/2023 9:21:23 AM

## APPENDIX III LABORATORY RESULTS





November 20, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TODD 26 SWD

Enclosed are the results of analyses for samples received by the laboratory on 11/14/14 14:05.

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 accreditated 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.

Celey D. Keine

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

Received by OCD: 5/10/2023 9:21:23 AM

Lab Director/Quality Manager



### Analytical Results For:

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

Received: Reported: 11/14/2014

11/20/2014

Project Name: Project Number: Project Location: TODD 26 SWD 700794.073.01

DEVON F-26-23-31

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

11/14/2014

Soil Cool & Intact

Jodi Henson

Sample ID: S-1 0' (H403524-01)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2014	ND	1.76	88.1	2.00	7.77	
Toluene*	< 0.050	0.050	11/18/2014	ND	1.71	85.4	2.00	8.13	
Ethylbenzene*	< 0.050	0.050	11/18/2014	ND	1.67	83.7	2.00	9.31	
Total Xylenes*	<0.150	0.150	11/18/2014	ND	5.02	83.7	6.00	9.55	
Total BTEX	<0.300	0.300	11/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.8 9	61-154							
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/17/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/15/2014	ND	223	111	200	0.588	
DRO >C10-C28	<10.0	10.0	11/15/2014	ND	220	110	200	0.939	
Surrogate: 1-Chlorooctane	119 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	131 %	6 52.1-176	5						

### Cardinal Laboratories

\*=Accredited Analyte





### Analytical Results For:

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

Received: Reported: 11/14/2014

11/20/2014

Project Name: Project Number:

Project Location:

TODD 26 SWD

700794.073.01 DEVON F-26-23-31 Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

11/14/2014

Soil Cool & Intact

Jodi Henson

Sample ID: S-1 1' (H403524-02)

BTEX 8021B	−, mg,	/ka	Analyze	d By: ms					
	mg/	ng .	Allaryze	u by. IIIs					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/18/2014	ND	1.76	88.1	2.00	7.77	
Toluene*	<0.050	0.050	11/18/2014	ND	1.71	85.4	2.00	8.13	
Ethylbenzene*	<0.050	0.050	11/18/2014	ND	1.67	83.7	2.00	9.31	
Total Xylenes*	<0.150	0.150	11/18/2014	ND	5.02	83.7	6.00	9.55	
Total BTEX	<0.300	0.300	11/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.8	% 61-154	!						
Chloride, SM4500CI-B	mg/	'kg	Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1340	16.0	11/17/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/15/2014	ND	223	111	200	0.588	
DRO >C10-C28	69.4	10.0	11/15/2014	ND	220	110	200	0.939	

Surrogate: 1-Chlorooctane

112%

47.2-157

Surrogate: 1-Chlorooctadecane

120 %

52.1-176

### Sample ID: S-1 2' (H403524-03)

Chloride, SM4500CI-B	SM4500Cl-B mg/kg			d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	11/17/2014	ND	400	100	400	3.92	

### Cardinal Laboratories

\*=Accredited Analyte



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:

11/14/2014

Reported:

11/20/2014

Project Name: Project Number: TODD 26 SWD 700794.073.01

Project Location:

DEVON F-26-23-31

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

11/14/2014

Soil

Cool & Intact Jodi Henson

Sample ID: S-2 0' (H403524-04)

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	11/18/2014	ND	1.76	88.1	2.00	7.77	
Toluene*	<0.050	0.050	11/18/2014	ND	1.71	85.4	2.00	8.13	
Ethylbenzene*	<0.050	0.050	11/18/2014	ND	1.67	83.7	2.00	9.31	
Total Xylenes*	<0.150	0.150	11/18/2014	ND	5.02	83.7	6.00	9.55	
Total BTEX	<0.300	0.300	11/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.9	% 61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/17/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/15/2014	ND	223	111	200	0.588	
DRO >C10-C28	<10.0	10.0	11/15/2014	ND	220	110	200	0.939	
Surrogate: 1-Chlorooctane	115 %	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	120 %	6 52.1-17	6						

### Cardinal Laboratories

\*=Accredited Analyte





### Analytical Results For:

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

Received: Reported: 11/14/2014

11/20/2014 TODD 26 SWD

Project Number: Project Location:

Project Name:

700794.073.01 DEVON F-26-23-31 Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 11/14/2014 Soil

Cool & Intact Jodi Henson

Sample ID: S-2 1' (H403524-05)

BTEX	8021B

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	11/18/2014	ND	1.76	88.1	2.00	7.77	
Toluene*	<0.050	0.050	11/18/2014	ND	1.71	85.4	2.00	8.13	
Ethylbenzene*	<0.050	0.050	11/18/2014	ND	1.67	83.7	2.00	9.31	
Total Xylenes*	<0.150	0.150	11/18/2014	ND	5.02	83.7	6.00	9.55	
Total BTEX	<0.300	0.300	11/18/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.3	% 61-154							
Chloride, SM4500CI-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	11/17/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

ND

223

220

111

110

200

200

0.588

0.939

Surrogate: 1-Chlorooctane

GRO C6-C10

DRO >C10-C28

119%

<10.0

<10.0

47.2-157

11/15/2014

11/15/2014

10.0

10.0

Surrogate: 1-Chlorooctadecane

125 %

52.1-176

### Sample ID: S-2 2' (H403524-06)

Chloride, SM4500Cl-B mg/kg		Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/17/2014	ND	400	100	400	3.92	

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\*=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: Reported: 11/14/2014

11/20/2014

Project Name: Project Number: TODD 26 SWD 700794.073.01

Project Location:

DEVON F-26-23-31

Sampling Date:

Sampling Type:

11/14/2014 Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: S-3 0' (H403524-07) BTEX 8021B

mg/kg

Analyzed By: ms

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/19/2014	ND	1.76	88.1	2.00	7.77	
Toluene*	7.92	0.200	11/19/2014	ND	1.71	85.4	2.00	8.13	
Ethylbenzene*	9.25	0.200	11/19/2014	ND	1.67	83.7	2.00	9.31	
Total Xylenes*	37.6	0,600	11/19/2014	ND	5.02	83.7	6.00	9.55	
Total BTEX	54.7	1.20	11/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL	122	% 61-154							
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	11/17/2014	ND	400	100	400	3.92	
TPH 8015M	mg/kg		Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1070	50.0	11/15/2014	ND	223	111	200	0.588	
DRO >C10-C28	5630	50.0	11/15/2014	ND	220	110	200	0.939	

Surrogate: 1-Chlorooctane

192%

47.2-157

Surrogate: 1-Chlorooctadecane

184%

52.1-176

Cardinal Laboratories

Received by OCD: 5/10/2023 9:21:23 AM

\*=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: Reported: 11/14/2014

11/20/2014

Project Name: Project Number: TODD 26 SWD 700794.073.01

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: Cool & Intact

11/14/2014

Soil

Jodi Henson

Project Location:

DEVON F-26-23-31

Sample ID: S-3 1' (H403524-08)

BTEX 8021B	mg/l	кg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2014	ND	1.79	89.3	2.00	5.43	
Toluene*	<0.050	0.050	11/19/2014	ND	1.72	85.9	2.00	5.80	
Ethylbenzene*	<0.050	0.050	11/19/2014	ND	1.67	83.4	2.00	6.56	
Total Xylenes*	<0.150	0.150	11/19/2014	ND	5.01	83.6	6.00	6.86	
Total BTEX	<0.300	0.300	11/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.0 %	61-154							
Chloride, SM4500Cl-B	mg/k	кg	Analyze	d By: AP					

Chloride, SM4500CI-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	11/17/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/17/2014	ND	190	95.2	200	0.694	
DRO >C10-C28	<10.0	10.0	11/17/2014	ND	191	95.5	200	0.179	

Surrogate: 1-Chlorooctane

113 %

47.2-157

Surrogate: 1-Chlorooctadecane

124%

52.1-176

### Sample ID: S-3 2' (H403524-09)

Chloride, SM4500CI-B mg/kg		Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/17/2014	ND	400	100	400	3.92	

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Celeg & treens

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: Reported:

Project Name:

11/14/2014

11/20/2014 700794.073.01

Project Number: Project Location: TODD 26 SWD

DEVON F-26-23-31

Sampling Date:

Sampling Type: Sampling Condition:

Sample Received By:

11/14/2014 Soil

Cool & Intact

Jodi Henson

### Sample ID: S-4 0' (H403524-10)

	mg/	кg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.62	2.00	11/19/2014	ND	1.79	89.3	2.00	5.43	
Toluene*	49.8	2.00	11/19/2014	ND	1.72	85.9	2.00	5.80	
Ethylbenzene*	21.8	2.00	11/19/2014	ND	1.67	83.4	2.00	6.56	
Total Xylenes*	92.0	6.00	11/19/2014	ND	5.01	83.6	6.00	6.86	
Total BTEX	167	12.0	11/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 61-154							
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Chloride	Result	Reporting Limit 16.0	Analyzed 11/17/2014	Method Blank ND	BS 400	% Recovery 100	True Value QC 400	RPD 3.92	Qualifier
,		16.0	11/17/2014				THE RESIDENCE OF SECTION		Qualifier S-06
Chloride	32.0	16.0	11/17/2014	ND			THE RESIDENCE OF SECTION		0 <b>□</b> 0000000000000000000000000000000000
Chloride TPH 8015M	32.0 mg/	16.0 kg	11/17/2014 Analyze	ND d By: ms	400	100	400	3.92	S-06
Chloride TPH 8015M Analyte	32.0 mg/ Result	16.0  kg  Reporting Limit	11/17/2014 Analyze Analyzed	ND d By: ms  Method Blank	400 BS	100 % Recovery	400 True Value QC	3.92 RPD	S-06
Chloride TPH 8015M  Analyte GRO C6-C10	32.0 mg/ Result 4250	16.0 kg  Reporting Limit 50.0 50.0	11/17/2014  Analyze  Analyzed  11/17/2014  11/17/2014	ND d By: ms  Method Blank ND	400 BS 190	100 % Recovery 95.2	400 True Value QC 200	3.92 RPD 0.694	S-06

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Received by OCD: 5/10/2023 9:21:23 AM

\*=Accredited Analyte

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### Analytical Results For:

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

11/14/2014 Reported: 11/20/2014 Project Name: TODD 26 SWD

Project Number: Project Location: DEVON F-26-23-31

700794.073.01

Sampling Date:

11/14/2014 Sampling Type: Soil

Sampling Condition:

Sample Received By:

Cool & Intact

Jodi Henson

Sample ID: S-4 1' (H403524-11)

Received:

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	11/19/2014	ND	1.79	89.3	2.00	5.43	
Toluene*	0.064	0.050	11/19/2014	ND	1.72	85.9	2.00	5.80	
Ethylbenzene*	<0.050	0.050	11/19/2014	ND	1.67	83.4	2.00	6.56	
Total Xylenes*	<0.150	0.150	11/19/2014	ND	5.01	83.6	6.00	6.86	
Total BTEX	<0.300	0.300	11/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.9	% 61-154							
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/17/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	13.4	10.0	11/17/2014	ND	190	95.2	200	0.694	
DRO >C10-C28	<10.0	10.0	11/17/2014	ND	191	95.5	200	0.179	
Surrogate: 1-Chlorooctane	117 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	130 9	6 52.1-17	6						

### Sample ID: S-4 2' (H403524-12)

Chloride, SM4500CI-B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/17/2014	ND	400	100	400	3.92	

### Cardinal Laboratories

\*=Accredited Analyte



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:

11/14/2014

Reported:

11/20/2014 TODD 26 SWD

Project Name: Project Number:

700794.073.01

Project Location:

DEVON F-26-23-31

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

11/14/2014 Soil

Cool & Intact

Jodi Henson

Sample ID: S-5 0' (H403524-13)

BTEX 8021B	mg,	'kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/19/2014	ND	1.79	89.3	2.00	5.43	
Toluene*	10.1	0.500	11/19/2014	ND	1.72	85.9	2.00	5.80	
Ethylbenzene*	8.45	0.500	11/19/2014	ND	1.67	83.4	2.00	6.56	
Total Xylenes*	40.7	1.50	11/19/2014	ND	5.01	83.6	6.00	6.86	
Total BTEX	59.2	3.00	11/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	111 9	61-154							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/17/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1130	50.0	11/17/2014	ND	190	95.2	200	0.694	
DRO >C10-C28	4320	50.0	11/17/2014	ND	191	95.5	200	0.179	
Surrogate: 1-Chlorooctane	180 9	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	176 9	6 52.1-176	6						

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\*=Accredited Analyte







### Analytical Results For:

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

Received:

11/14/2014

Reported:

11/20/2014 TODD 26 SWD

Project Name: Project Number: Project Location:

700794.073.01 DEVON F-26-23-31

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: Soil Cool & Intact

Jodi Henson

11/14/2014

Sample ID: S-5 1' (H403524-14)

BTEX 8021B

mg/kg

Analyzed By: ms

	mg/.	.9	Andryze	a by. ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2014	ND	1.79	89.3	2.00	5.43	
Toluene*	<0.050	0.050	11/19/2014	ND	1.72	85.9	2.00	5.80	
Ethylbenzene*	<0.050	0.050	11/19/2014	ND	1.67	83.4	2.00	6.56	
Total Xylenes*	<0.150	0.150	11/19/2014	ND	5.01	83.6	6.00	6.86	
Total BTEX	<0.300	0.300	11/19/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.2 %	61-154							

Chloride, SM4500CI-B	mg/kg	Analyzed By: AP		
		 a a 60		

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/17/2014	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/17/2014	ND	190	95.2	200	0.694	
DRO >C10-C28	10.1	10.0	11/17/2014	ND	191	95.5	200	0.179	

Surrogate: 1-Chlorooctane

119 %

47.2-157

Surrogate: 1-Chlorooctadecane

132 %

52.1-176

### Sample ID: S-5 2' (H403524-15)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/17/2014	ND	400	100	400	3.92	

### Cardinal Laboratories

\*=Accredited Analyte



Celey D. Keene, Lab Director/Quality Manager

Released to Imaging: 5/11/2023 7:32:22 AM

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

### **Notes and Definitions**

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

matrix interference's.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

Received by OCD: 5/10/2023 9:21:23 AM

\*=Accredited Analyte

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Celey & Keine

Celey D. Keene, Lab Director/Quality Manager



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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

analyses. All claims including those for negligence and any other cause service. In no event shall Cardinal be liable for incidental or consequents 140350r Phone #: 575-746-8768 city: Artesia Project Manager: K. Wilson Company Name: Talon/LPE Sampler Name: roject Location: Project Name: Odo Project #: Address: 408 W. Texas Ave. FOR LAB USE ONLY Lab I.D. 5-70 4-21 5-22 5-20 1-5 HITCHCOCK Sample I.D. Project Owner: 1) EVON Fax #: 575-746-8905 State: NM Zip: 88210 999 9 0 60 8 9 (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER MATRIX OIL SLUDGE OTHER: State: City: Phone #: Attn: Address: P.O. #: Company: Talon/LPE ACID/BASE: PRESERV ICE / COOL OTHER: BILL TO Zip: DATE SAMPLING 114/14 6:22 ays after completion of the applicable red by client, its subsidiaries, d by the client for the 10:44 10:42 10140 10,24 034 0 10:26 TIME BTEX ANALYSIS REQUEST

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

Sample Condition
Cool Intact
Pres Pres
No No

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Time:

Received By:

eived By:

□ Yes

0 NO

Add'I Fax #:

Relinquished By:

Relinquished By:

Page 25 of 37

P6 20FZ



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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 14 of 14

Company Names	
Talon/LPE	94
Project Manager: ( 1/1/5 6 h	P.O.#:
Address: 408 W. Texas Ave.	Company: Talon/I DE
City: Artesia State: NM zip: 88210	
Phone #: 5/5-746-8768 Fax #: 575-746-8905	Address:
	City:
Project Location:	
Sampler Name: 6 41+11 (77)	Phone #:
7	Fax#:
MATRIX	PRESERV SAMPLING
(C)OMF ERS	de
(G)RAB OR (G)RAB	PH BTEX
	1/11/14/14 10:54
7-50,	10166
5-61,	
5-52	
	li ou
**************************************	of critort, shall be limited to the amount paid by the client for the discerned by Cardinal within 30 days after completion of the amount paid by the client for the
affiliates or successors arising out of or related to the performance of services hereundre by amount mination, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, Relinquished By:    Relinquished By:   Date:	
	Phone Result: Yes No Add'l Phone #:
Relinquished By: Date: Received By:	6
Time:	
Sampler - UPS - Bus - Other:	s (thittelfs)
7	



April 15, 2015

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TODD 26 FED #2

Enclosed are the results of analyses for samples received by the laboratory on 04/15/15 12:54.

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 accreditated 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.

Celey D. Keine

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

Received by OCD: 5/10/2023 9:21:23 AM

Lab Director/Quality Manager





### Analytical Results For:

TALON LPE KIMBERLY WILSON 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

04/15/2015

Reported:

04/15/2015

Project Name:

TODD 26 FED #2 700794073.02

Project Number: Project Location:

LEA COUNTY, NM

Sampling Date: Sampling Type:

04/15/2015

Soil

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

### Sample ID: S-1 2.5' (H500988-01)

Chloride, SM4500CI-B	mg	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	04/15/2015	ND	432	108	400	7.69	

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keens



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

\*\* Samples not received at proper temperature of 6°C or below.

\*\*\* Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

Received by OCD: 5/10/2023 9:21:23 AM

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: / who / Coc		BILL TO	A	ANALYSIS REQUEST	
Project Manager:		P.O. #:			
Address: 408 W TEXES		Company: /4 64/5	97		
City: Achesia State: NM	State: NMZip: 88 UO	Attn:			
Phone #: Fax #:		Address:			
Project #: 766/99 673 62 Project Owner:	Deven	City:	2 5		
Ed #	2	State: Zip:	il		
Project Location: Le a		Phone #:	20		
Sampler Name: (5. Roe)		Fax #:	26		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	C		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	Tobal		
15.12.5	×	x 4-1515	11:20 X		

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	7				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Ø	Relinquished By:	J. J.		Relinquished By:
	Time:	Date:	というが	473.10	James 1
Sample Condition CHECKED BY: Cool Intact (Initials) Yes Yes		Received By:	Charles to the		Received By:
CA			REMARKS:	Fax Result:	Phone Result:
				□ Yes	□ Yes
				□ No	□ No
	_			Add'I Fax #:	Add'l Phone #:
	(	0	)		

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

Page 30 of 37

B 2 8% HEW

April 16, 2015

KIMBERLY WILSON

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TODD 26 FED #2

Enclosed are the results of analyses for samples received by the laboratory on 04/15/15 12:54.

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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accred certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keine

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

Released to Imaging: 5/11/2023 7:32:22 AM



### Analytical Results For:

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

Received:

04/15/2015

Reported:

04/16/2015

Project Name: Project Number:

Project Location:

TODD 26 FED #2 700794073.02

LEA COUNTY, NM

Sampling Date:

Sampling Type: Sampling Condition:

Sample Received By:

04/15/2015 Soil

Cool & Intact

Jodi Henson

### Sample ID: S-3 1' (H500989-01)

BTEX 8021B	mg,	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2015	ND	1.92	95.8	2.00	1.15	
Toluene*	<0.050	0.050	04/15/2015	ND	1.78	88.8	2.00	2.23	
Ethylbenzene*	<0.050	0.050	04/15/2015	ND	1.70	85.0	2.00	0.164	
Total Xylenes*	<0.150	0.150	04/15/2015	ND	5.47	91.2	6.00	0.529	
Total BTEX	<0.300	0.300	04/15/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 61-154							
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/15/2015	ND	217	109	200	6.47	
DRO >C10-C28	<10.0	10.0	04/15/2015	ND	220	110	200	4.27	
Surrogate: 1-Chlorooctane	109 9	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	115 %	6 52.1-170	5						

### Cardinal Laboratories

Received by OCD: 5/10/2023 9:21:23 AM

\*=Accredited Analyte





### Analytical Results For:

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

Received: Reported: 04/15/2015

Project Name: Project Number:

Project Location:

TODD 26 FED #2 700794073.02

04/16/2015

LEA COUNTY, NM

Sampling Date:

Sample Received By:

Sampling Type: Sampling Condition:

Soil Cool & Intact

Jodi Henson

04/15/2015

Sample ID: S-4 1' (H500989-02)

BTEX 8021B

mg/kg

Analyzed By: ms

				20					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2015	ND	1.92	95.8	2.00	1.15	
Toluene*	<0.050	0.050	04/15/2015	ND	1.78	88.88	2.00	2.23	
Ethylbenzene*	<0.050	0.050	04/15/2015	ND	1.70	85.0	2.00	0.164	
Total Xylenes*	<0.150	0.150	04/15/2015	ND	5.47	91.2	6.00	0.529	
Total BTEX	<0.300	0.300	04/15/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIL

109 %

61-154

TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/15/2015	ND	217	109	200	6.47	
DRO >C10-C28	26.8	10.0	04/15/2015	ND	220	110	200	4.27	

Surrogate: 1-Chlorooctane

107 %

47.2-157

Surrogate: 1-Chlorooctadecane

110 %

52.1-176

Cardinal Laboratories

Received by OCD: 5/10/2023 9:21:23 AM

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Celeg & Keene



### Analytical Results For:

TALON LPE KIMBERLY WILSON 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

04/15/2015

Sampling Date:

04/15/2015

Reported:

04/16/2015

Sampling Type:

Soil

Project Name:

TODD 26 FED #2

Sampling Condition:

Cool & Intact

Project Number: Project Location:

700794073.02 LEA COUNTY, NM Sample Received By:

Jodi Henson

### Sample ID: S-5 1' (H500989-03)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/15/2015	ND	1.92	95.8	2.00	1.15	
Toluene*	<0.050	0.050	04/15/2015	ND	1.78	88.8	2.00	2.23	
Ethylbenzene*	<0.050	0.050	04/15/2015	ND	1.70	85.0	2.00	0.164	
Total Xylenes*	<0.150	0.150	04/15/2015	ND	5.47	91.2	6.00	0.529	
Total BTEX	<0.300	0.300	04/15/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	112 9	6 61-154							
TPH 8015M	mg/kg		Analyze	d By: MS	<u> </u>				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/15/2015	ND	217	109	200	6.47	
DRO >C10-C28	<10.0	10.0	04/15/2015	ND	220	110	200	4.27	
Surrogate: 1-Chlorooctane	109 9	6 47.2-157	7						
Surrogate: 1-Chlorooctadecane	115 %	6 52.1-170	5						

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Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

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## Laboratories

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 6 of 6

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

Company rame.			1						
Project Manager:	K. (1): [500		-	P.O. #:					
Address: 408	W) Texters		0	Company:	calonlepe				
City: Actos/a	2	4 Zip: 682	19	Attn:					
Phone #:	Fax #:			Address:					
Project #: 766	7 9 023 of Project Owner:	ň		City:					
Project Name:	3		***	State:	Zip:				
Project Location:	/ra			Phone #:					
Sampler Name:	1677		-	Fax #:		_			
FOR LAB USE ONLY			MATRIX	PRESERV.	SAMPLING				 
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	TPH	BTEX		
1/8	3 1	22	<b>A</b>		4-15-15 11:35	7	7		
20	.14.	62	*		4.15-1511:40	×	+		
S	-61	v	×		17:11S1-51-4	7	7		

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

Sample Condition
Cool Intact
Yes Yes

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

Time:

Received By

Phone Result:
Fax Result:
REMARKS:

□ Yes

O No

Add'l Phone #: Add'l Fax #:

Received by OCD: 5/10/2023 9:21:23 AM

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

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 215469

### **CONDITIONS**

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP	6137
333 West Sheridan Ave.	Action Number:
Oklahoma City, OK 73102	215469
	Action Type:
	[C-141] Release Corrective Action (C-141)

### CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	5/11/2023