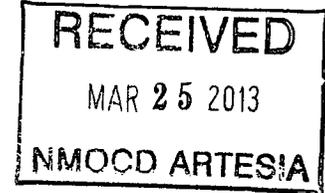




March 13, 2013



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

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

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

AUSTIN
911 West Anderson Lane
Suite 202
Austin, Texas 78757
Phone 512.989.3428
Fax 512.989.3487

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

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

SAN ANTONIO
11 Commercial Place
Schertz, Texas 78154
Phone 210.265.8025
Fax 210.568.2191

TULSA
525 South Main Street
Suite 535
Tulsa, Oklahoma 74103
Phone 918.742.0871
Fax 918.382.0232

Subject: **Soil Assessment and Remediation Work Plan**
Devon Energy
Turkey Town State Com No.1
API # 30-015-24228 2RP- 1584

Dear Mr. Bratcher,

Devon Energy has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Turkey Town State Com No.1 release. Talon's soil assessment results and proposed remediation activities consist of the following:

Background Information

The Turkey Town State Com No.1 is located approximately twenty-three (23) miles southeast of Artesia, New Mexico. The legal location for the site is Section 23, Township 18 South and Range 28 East in Eddy County, New Mexico. More Specifically, the latitude and longitude for the release are 32.728043 North and -104.149021 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Simona gravelly fine sandy loam with 0 to 3 percent slopes. The local surface and shallow geology, Quaternary Age sedimentary deposits, is comprised of alluvium and eolian sands under lain by gravelly fine sandy loam and hard caliches. The New Mexico State Engineer web site indicates the nearest ground water data to be in S35-T18S-R28E. The ground water in Section 35 is reported to be 65' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 10 based on the as following:

- Depth to ground water 50' – 100'
- Wellhead Protection Area >1000'
- Distance to surface water body >1000'

Incident Description

On January 17, 2013 a load line valve broke causing 94 barrels of oil and 12 barrels of produced water to be released on the location. The valve was repaired and no fluids were recovered.

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742
www.talonlpe.com

Actions Taken

On January 18, 2013 Talon/LPE mobilized personnel to begin assessment and soil sampling activities for the construction of a work plan. Grab soil samples were collected utilizing a hand auger. Grab soil samples were collected from the surface of the impacted areas to a depth of 6-inches deep. Refusal was encountered. The soil sample locations are illustrated on the attached site plan.

On February 12, 2013 Talon returned to the site to collect additional soil samples utilizing an air rotary rig for vertical delineation of the impacted area. Grab soil samples were collected from surface to a depth of 25-feet deep.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The samples were placed in laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico. The samples were tested for TPH (Total Petroleum Hydrocarbons) using EPA Method 8015M, volatile organics (BTEX) using EPA Method 8021B and analysis of Chlorides using Method SM4500CL-B. The complete laboratory report is attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

<u>Sample</u>	<u>Depth</u>	<u>Chlorides</u>	<u>BTEX</u>	<u>TPH (mg/kg)</u>
S-1	0.5'	640	1340	59610 (refusal)
	2'	--	21.4	5140
	4'	--	0.722	27.4
	6'	--	<0.300	<10
	10'	368	<0.300	<10
	15'	80	<0.300	<10
	20'	112	<0.300	<10
	25'	128	<0.300	<10
	S-2	2'	--	3.81
4'		32	<0.300	<10
10'		128	<0.300	<10
15'		80	<0.300	<10
S-3	2'	--	17.3	2680
	4'	--	0.796	<10
	10'	48	<0.300	<10
	15'	112	<0.300	<10
	20'	80	<0.300	<10
	25'	96	<0.300	<10

--Analyte Not Tested

For this site's ranking, New Mexico Oil Conservation District action level criterion for BTEX is 50 mg/kg, Benzene is 10 mg/kg and TPH is 1,000 mg/kg. The chloride remediation standard is considered to be 1,000 mg/kg.

Summary

- Groundwater in the project vicinity is 65-feet below land surface per the New Mexico State Engineer Database.
- Based upon the results of the laboratory data obtained for this investigation, the vertical impacts of the hydrocarbon release have been documented to extend 3-feet below ground surface.
- Based on the depth to groundwater, it is unlikely that the impacts identified from this release will pose a threat to groundwater after proposed remediation activities are complete.

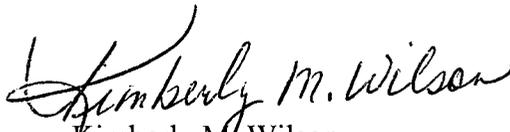
Proposed Remedial Actions

- The impacted areas at S-1 and S-3 will be excavated to a depth of 3-feet deep. The excavated soil will be transported to a NMOCD approved solid waste disposal facility.
- The impacted area in the vicinity of sample location S-2 will be excavated to a depth of 0.5-foot deep. The excavated soil will be transported to a NMOCD approved solid waste disposal facility.
- The excavated area will be backfilled to grade using new material transported from a local borrow pit.
- A final closure report documenting all remedial actions and analytical results will be provided to the OCD along with Final Form C-141.

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

Respectfully submitted,

TALON/LPE



Kimberly M. Wilson
Environmental Scientist



David J. Adkins
District Manager

SITE MAP

Gas Well



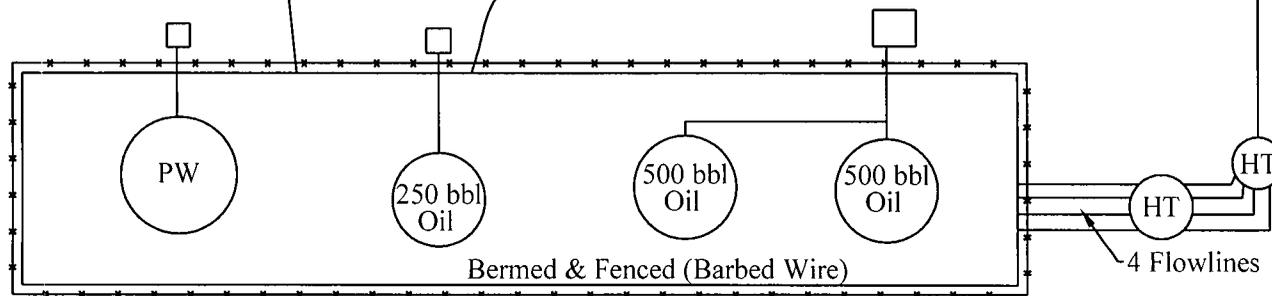
S-3



S-1



S-2



0 20 40

Scale in Feet

Legend

◇ - Sample Location



Date: 03/11/2013

Scale: 1" = 40'

Drawn By: TJS

Turkey Town State Com #1

Devon Energy Corporation

Eddy County, New Mexico

Figure 1 - Site Plan

APPENDIX I
GROUNDWATER DATA
INITIAL C-141



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(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 Code	Subbasin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 01150 POD1	L	LE		1	1	35	18S	28E		579344	3619433*	1914	135	65	70
L 07641	L	LE		3	4	15	18S	28E		578529	3623041*	1919	130	80	50
													Average Depth to Water:		72 feet
													Minimum Depth:		65 feet
													Maximum Depth:		80 feet

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 579430

Northing (Y): 3621346

Radius: 2000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1304 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

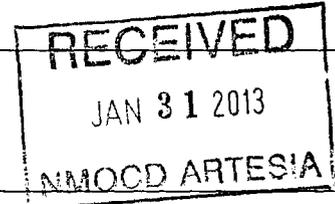
Name of Company: Devon Energy Production LP	Contact: Roy White	
Address: P.O. Box 250 Artesia, N.M. 88211	Telephone No. (575) 513-1741	
Facility Name: Turkey Town # 1	Facility Type: Gas Well # 30-015-24228	
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	23	18S	28E	660	South	1980	West	Eddy

NATURE OF RELEASE

Type of Release: Oil/Produced Water	Volume of Release: 94 bbls oil/12 bbls produced water	Volume Recovered: 0 bbls recovered
Source of Release: Broken load line valve	Date and Hour of Occurrence: 1/17/13, 5:00 PM	Date and Hour of Discovery: 1/17/13, 5:00 PM
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Rudy Zuniga, Assistant Foremen, Devon Energy	
By Whom? Brooke Owens, Lease Operator	Date and Hour: 1/17/13, 5:00 PM	
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.* N/A

Describe Cause of Problem and Remedial Action Taken.*
At the Turkey Town # 1 location a load line valve broke causing 94 bbls of oil and 12 bbls of produced water to release onto the ground. The Lease Operator who discovered the spill contacted an environmental cleanup company to remediate soil.

Describe Area Affected and Cleanup Action Taken.*
The spill occurred at the Turkey Town #1 location. The Lease Operator who discovered the broken load line valve contacted an environmental cleanup company to remediate soil. 0 bbls. were recovered.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: <i>Rebecca Raga</i>	OIL CONSERVATION DIVISION		
Printed Name: Rebecca Raga	Approved by District Supervisor:		
Title: Field Admin Tech	Approval Date:	Expiration Date:	
E-mail Address: Rebecca.raga@dvn.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 1/21/13	Phone: 575-746-5564		

Attach Additional Sheets If Necessary

APPENDIX II
LABORATORY RESULTS



January 30, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TURKEY TOWN STATE COM. #1

Enclosed are the results of analyses for samples received by the laboratory on 01/23/13 8:26.

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

Analytical Results For:

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

Received:	01/23/2013	Sampling Date:	01/18/2013
Reported:	01/30/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-1 0.5' (H300187-01)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	9.39	2.00	01/29/2013	ND	2.19	110	2.00	6.64	
Toluene*	326	2.00	01/29/2013	ND	2.20	110	2.00	5.29	
Ethylbenzene*	95.7	2.00	01/29/2013	ND	2.24	112	2.00	4.10	
Total Xylenes*	906	6.00	01/29/2013	ND	6.77	113	6.00	4.01	
Total BTEX	1340	12.0	01/29/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 149 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	01/28/2013	ND	400	100	400	0.00	

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	51300	200	01/28/2013	ND	152	76.0	200	12.7	
DRO >C10-C28	8310	200	01/28/2013	ND	142	70.9	200	15.1	

Surrogate: 1-Chlorooctane 738 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

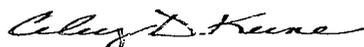
Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- 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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Celey D. Keene, Lab Director/Quality Manager

February 18, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TURKEY TOWN STATE COM. #1

Enclosed are the results of analyses for samples received by the laboratory on 02/13/13 10:25.

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/ga/lab_accred_certif.html.

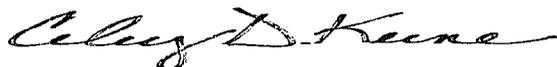
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Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/13/2013	Sampling Date:	02/12/2013
Reported:	02/18/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-3 25' (H300407-01)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Toluene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Ethylbenzene*	<0.050	0.050	02/13/2013	ND	2.02	101	2.00	9.17		
Total Xylenes*	<0.150	0.150	02/13/2013	ND	6.20	103	6.00	8.78		
Total BTEX	<0.300	0.300	02/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 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	96.0	16.0	02/18/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	02/15/2013	ND	207	104	200	0.815		
DRO >C10-C28	<10.0	10.0	02/15/2013	ND	170	85.2	200	5.23		

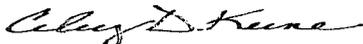
Surrogate: 1-Chlorooctane 69.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.7 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

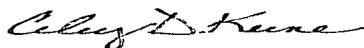
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Jalon/LPE</u>		BILL TO		ANALYSIS REQUEST																							
Project Manager: <u>David Atkins</u>		P.O. #:																									
Address: <u>408 W. Texas</u>		Company: <u>Jalon</u>																									
City: <u>Artesia</u> State: <u>NM</u> Zip: <u>88210</u>		Attn:																									
Phone #: <u>575-746-8768</u> Fax #: <u>575-746-8405</u>		Address:																									
Project #: <u>700794.065.01</u> Project Owner: <u>Devon</u>		City:																									
Project Name: <u>TURKEY TOWN 5+ COM #1</u>		State: Zip:																									
Project Location: <u>N-23-18-28</u>		Phone #:																									
Sampler Name: <u>Kimberly Wilson</u>		Fax #:																									
FOR LAB USE ONLY																											
Lab I.D.		Sample I.D.		# GRAB OR (COMP. # CONTAINERS	MATRIX					PRESERV.		SAMPLING															
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME												
<u>H300407</u>		<u>8-3 25'</u>		<u>6</u>			<u>1</u>			<u>1</u>			<u>2/12/13</u>	<u>10:48</u>	<u>Chlorides</u>	<u>TPH</u>	<u>BTEX</u>										

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 the client for the 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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <u>Kimberly M. Wilson</u>		Date: <u>2/13/13</u>		Received By: <u>P. Wade</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: <u>8:00am</u>		Time: <u>9:00am</u>		Time: <u>9:00am</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date: <u>2/13/13</u>		Received By: <u>Nathaniel Perry</u>		REMARKS:			
Time: <u>10:25</u>		Time: <u>10:25</u>		Time: <u>10:25</u>					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <u>EP</u>			

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

H2 #26



February 19, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TURKEY TOWN STATE COM. #1

Enclosed are the results of analyses for samples received by the laboratory on 02/13/13 10:25.

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 cursive script that reads "Celey D. Keene".

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:	02/13/2013	Sampling Date:	02/12/2013
Reported:	02/19/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-1 10' (H300408-01)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Toluene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Ethylbenzene*	<0.050	0.050	02/13/2013	ND	2.02	101	2.00	9.17		
Total Xylenes*	<0.150	0.150	02/13/2013	ND	6.20	103	6.00	8.78		
Total BTEX	<0.300	0.300	02/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 110 % 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	368	16.0	02/18/2013	ND	432	108	400	3.64		

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	02/15/2013	ND	207	104	200	0.815		
DRO >C10-C28	<10.0	10.0	02/15/2013	ND	170	85.2	200	5.23		

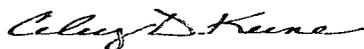
Surrogate: 1-Chlorooctane 75.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.5 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/13/2013	Sampling Date:	02/12/2013
Reported:	02/19/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-1 15' (H300408-02)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Toluene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Ethylbenzene*	<0.050	0.050	02/13/2013	ND	2.02	101	2.00	9.17		
Total Xylenes*	<0.150	0.150	02/13/2013	ND	6.20	103	6.00	8.78		
Total BTEX	<0.300	0.300	02/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	02/18/2013	ND	432	108	400	3.64		

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	02/15/2013	ND	207	104	200	0.815		
DRO >C10-C28	<10.0	10.0	02/15/2013	ND	170	85.2	200	5.23		

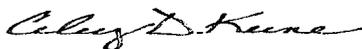
Surrogate: 1-Chlorooctane 82.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

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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:	02/13/2013	Sampling Date:	02/12/2013
Reported:	02/19/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-1 20' (H300408-03)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Toluene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Ethylbenzene*	<0.050	0.050	02/13/2013	ND	2.02	101	2.00	9.17		
Total Xylenes*	<0.150	0.150	02/13/2013	ND	6.20	103	6.00	8.78		
Total BTEX	<0.300	0.300	02/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 110 % 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	112	16.0	02/18/2013	ND	432	108	400	3.64		

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	02/15/2013	ND	207	104	200	0.815		
DRO >C10-C28	<10.0	10.0	02/15/2013	ND	170	85.2	200	5.23		

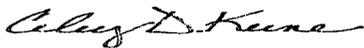
Surrogate: 1-Chlorooctane 74.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.1 % 63.6-154

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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:	02/13/2013	Sampling Date:	02/12/2013
Reported:	02/19/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-1 25' (H300408-04)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Toluene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Ethylbenzene*	<0.050	0.050	02/13/2013	ND	2.02	101	2.00	9.17		
Total Xylenes*	<0.150	0.150	02/13/2013	ND	6.20	103	6.00	8.78		
Total BTEX	<0.300	0.300	02/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 109 % 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	02/18/2013	ND	432	108	400	3.64		

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	02/15/2013	ND	207	104	200	0.815		
DRO >C10-C28	<10.0	10.0	02/15/2013	ND	170	85.2	200	5.23		

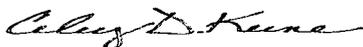
Surrogate: 1-Chlorooctane 69.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 88.8 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/13/2013	Sampling Date:	02/12/2013
Reported:	02/19/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-2 4' (H300408-05)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Toluene*	<0.050	0.050	02/13/2013	ND	2.04	102	2.00	9.03		
Ethylbenzene*	<0.050	0.050	02/13/2013	ND	2.02	101	2.00	9.17		
Total Xylenes*	<0.150	0.150	02/13/2013	ND	6.20	103	6.00	8.78		
Total BTEX	<0.300	0.300	02/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 122 % 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	02/18/2013	ND	432	108	400	3.64		

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	02/15/2013	ND	207	104	200	0.815		
DRO >C10-C28	<10.0	10.0	02/15/2013	ND	170	85.2	200	5.23		

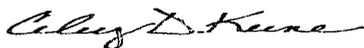
Surrogate: 1-Chlorooctane 74.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 86.9 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/13/2013	Sampling Date:	02/12/2013
Reported:	02/19/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-2 10' (H300408-06)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/18/2013	ND	1.99	99.4	2.00	7.75		
Toluene*	<0.050	0.050	02/18/2013	ND	1.94	97.2	2.00	7.28		
Ethylbenzene*	<0.050	0.050	02/18/2013	ND	1.84	92.2	2.00	7.46		
Total Xylenes*	<0.150	0.150	02/18/2013	ND	5.70	94.9	6.00	7.22		
Total BTEX	<0.300	0.300	02/18/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 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	128	16.0	02/18/2013	ND	432	108	400	3.64		

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	02/18/2013	ND	233	116	200	14.7		
DRO >C10-C28	<10.0	10.0	02/18/2013	ND	237	118	200	2.70		

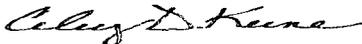
Surrogate: 1-Chlorooctane 90.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.1 % 63.6-154

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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:	02/13/2013	Sampling Date:	02/12/2013
Reported:	02/19/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-2 15' (H300408-07)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/18/2013	ND	1.99	99.4	2.00	7.75	
Toluene*	<0.050	0.050	02/18/2013	ND	1.94	97.2	2.00	7.28	
Ethylbenzene*	<0.050	0.050	02/18/2013	ND	1.84	92.2	2.00	7.46	
Total Xylenes*	<0.150	0.150	02/18/2013	ND	5.70	94.9	6.00	7.22	
Total BTEX	<0.300	0.300	02/18/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 110 % 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	02/18/2013	ND	432	108	400	3.64	

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	02/18/2013	ND	233	116	200	14.7	
DRO >C10-C28	<10.0	10.0	02/18/2013	ND	237	118	200	2.70	

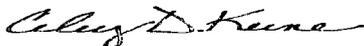
Surrogate: 1-Chlorooctane 92.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 109 % 63.6-154

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*=Accredited Analyte

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

Received:	02/13/2013	Sampling Date:	02/12/2013
Reported:	02/19/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-3 10' (H300408-08)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/18/2013	ND	1.99	99.4	2.00	7.75		
Toluene*	<0.050	0.050	02/18/2013	ND	1.94	97.2	2.00	7.28		
Ethylbenzene*	<0.050	0.050	02/18/2013	ND	1.84	92.2	2.00	7.46		
Total Xylenes*	<0.150	0.150	02/18/2013	ND	5.70	94.9	6.00	7.22		
Total BTEX	<0.300	0.300	02/18/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 114 % 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	48.0	16.0	02/18/2013	ND	432	108	400	3.64		

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	02/18/2013	ND	233	116	200	14.7		
DRO >C10-C28	<10.0	10.0	02/18/2013	ND	237	118	200	2.70		

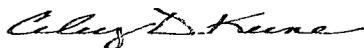
Surrogate: 1-Chlorooctane 75.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 89.7 % 63.6-154

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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:	02/13/2013	Sampling Date:	02/12/2013
Reported:	02/19/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-3 15' (H300408-09)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/18/2013	ND	1.99	99.4	2.00	7.75		
Toluene*	<0.050	0.050	02/18/2013	ND	1.94	97.2	2.00	7.28		
Ethylbenzene*	<0.050	0.050	02/18/2013	ND	1.84	92.2	2.00	7.46		
Total Xylenes*	<0.150	0.150	02/18/2013	ND	5.70	94.9	6.00	7.22		
Total BTEX	<0.300	0.300	02/18/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 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	112	16.0	02/18/2013	ND	432	108	400	3.64		

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	02/18/2013	ND	233	116	200	14.7		
DRO >C10-C28	<10.0	10.0	02/18/2013	ND	237	118	200	2.70		

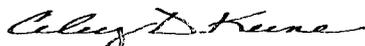
Surrogate: 1-Chlorooctane 85.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

Cardinal Laboratories

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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:	02/13/2013	Sampling Date:	02/12/2013
Reported:	02/19/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-3 20' (H300408-10)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/18/2013	ND	1.99	99.4	2.00	7.75		
Toluene*	<0.050	0.050	02/18/2013	ND	1.94	97.2	2.00	7.28		
Ethylbenzene*	<0.050	0.050	02/18/2013	ND	1.84	92.2	2.00	7.46		
Total Xylenes*	<0.150	0.150	02/18/2013	ND	5.70	94.9	6.00	7.22		
Total BTEX	<0.300	0.300	02/18/2013	ND						

Surrogate: 4-Bromofluorobenzene (PII) 110 % 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	02/18/2013	ND	432	108	400	3.64		

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	02/18/2013	ND	233	116	200	14.7		
DRO >C10-C28	<10.0	10.0	02/18/2013	ND	237	118	200	2.70		

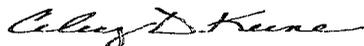
Surrogate: 1-Chlorooctane 89.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

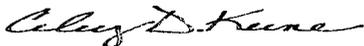
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <i>Devon/LPE</i>		BILL TO		ANALYSIS REQUEST																								
Project Manager: <i>David Adkins</i>		P.O. #:																										
Address: <i>405 W. Texas</i>		Company: <i>Devon</i>																										
City: <i>Artesia</i> State: <i>NM</i> Zip: <i>88210</i>		Attn:																										
Phone #: <i>575-746-8768</i> Fax #: <i>575-746-8905</i>		Address:																										
Project #: <i>720794.065.01</i> Project Owner: <i>Devon</i>		City:																										
Project Name: <i>Turkey Town St Corn #1</i>		State: Zip:																										
Project Location: <i>N-23-18-25</i>		Phone #:																										
Sampler Name: <i>Kimberly M. Wilson</i>		Fax #:																										
FOR LAB USE ONLY																												
Lab I.D.		Sample I.D.		# CONTAINERS	MATRIX				PRESERV.		SAMPLING																	
				(G/RAB OR C/COMP.	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME													
<i>H300408</i>																												
<i>1</i>		<i>S-1 10'</i>		<i>6</i>			<i>1</i>				<i>1</i>			<i>2/12/13</i>	<i>10:15</i>	<i>/</i>	<i>/</i>	<i>/</i>										
<i>2</i>		<i>S-1 15'</i>		<i>6</i>			<i>1</i>				<i>1</i>			<i>2/12/13</i>	<i>10:16</i>	<i>/</i>	<i>/</i>	<i>/</i>										
<i>3</i>		<i>S-1 20'</i>		<i>6</i>			<i>1</i>				<i>1</i>			<i>2/12/13</i>	<i>10:17</i>	<i>/</i>	<i>/</i>	<i>/</i>										
<i>4</i>		<i>S-1 25'</i>		<i>6</i>			<i>1</i>				<i>1</i>			<i>2/12/13</i>	<i>10:20</i>	<i>/</i>	<i>/</i>	<i>/</i>										
<i>5</i>		<i>S-2 4'</i>		<i>6</i>			<i>1</i>				<i>1</i>			<i>2-12-13</i>	<i>9:47</i>	<i>/</i>	<i>/</i>	<i>/</i>										
<i>6</i>		<i>S-2 10'</i>		<i>6</i>			<i>1</i>				<i>1</i>			<i>2-12-13</i>	<i>9:50</i>	<i>/</i>	<i>/</i>	<i>/</i>										
<i>7</i>		<i>S-2 15'</i>		<i>6</i>			<i>1</i>				<i>1</i>			<i>2-12-13</i>	<i>9:55</i>	<i>/</i>	<i>/</i>	<i>/</i>										
<i>8</i>		<i>S-3 10'</i>		<i>6</i>			<i>1</i>				<i>1</i>			<i>2-12-13</i>	<i>10:35</i>	<i>/</i>	<i>/</i>	<i>/</i>										
<i>9</i>		<i>S-3 15'</i>		<i>6</i>			<i>1</i>				<i>1</i>			<i>2-12-13</i>	<i>10:40</i>	<i>/</i>	<i>/</i>	<i>/</i>										
<i>10</i>		<i>S-3 20'</i>		<i>6</i>			<i>1</i>				<i>1</i>			<i>2-12-13</i>	<i>10:43</i>	<i>/</i>	<i>/</i>	<i>/</i>										

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Relinquished By: <i>Kimberly M. Wilson</i>		Date: <i>2/13/13</i>		Received By: <i>Paul Ware</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
		Time: <i>8:09 am</i>				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date: <i>2/13/13</i>		Received By: <i>Beth Perry</i>		REMARKS:			
		Time: <i>10:25</i>							
Delivered By: (Circle One)				Sample Condition		CHECKED BY: (Initials)			
Sampler - UPS - Bus - Other:				Cool Intact		<i>RP</i>			
				<input type="checkbox"/> Yes <input type="checkbox"/> No					
				<input type="checkbox"/> Yes <input type="checkbox"/> No					

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

4 to 5 2 #24



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

March 01, 2013

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: TURKEY TOWN STATE COM. #1

Enclosed are the results of analyses for samples received by the laboratory on 02/26/13 15:20.

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/ga/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 style with a large, stylized initial 'C'.

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:	02/26/2013	Sampling Date:	02/12/2013
Reported:	03/01/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-1 2' (H300505-01)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/26/2013	ND	1.85	92.6	2.00	17.8	
Toluene*	0.741	0.050	02/26/2013	ND	1.82	91.2	2.00	16.9	
Ethylbenzene*	3.32	0.050	02/26/2013	ND	1.78	89.0	2.00	16.3	
Total Xylenes*	17.4	0.150	02/26/2013	ND	5.40	90.0	6.00	17.0	
Total BTEX	21.4	0.300	02/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 598 % 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	2860	10.0	02/28/2013	ND	214	107	200	0.835	
DRO >C10-C28	2280	10.0	02/28/2013	ND	204	102	200	3.84	

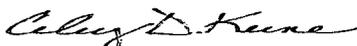
Surrogate: 1-Chlorooctane 252 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.5 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/26/2013	Sampling Date:	02/12/2013
Reported:	03/01/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-1 4' (H300505-02)

BTEX 8021B		mg/kg		Analyzed By: AP					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/26/2013	ND	1.85	92.6	2.00	17.8		
Toluene*	<0.050	0.050	02/26/2013	ND	1.82	91.2	2.00	16.9		
Ethylbenzene*	0.059	0.050	02/26/2013	ND	1.78	89.0	2.00	16.3		
Total Xylenes*	0.663	0.150	02/26/2013	ND	5.40	90.0	6.00	17.0		
Total BTEX	0.722	0.300	02/26/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 150 % 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	02/28/2013	ND	214	107	200	0.835		
DRO >C10-C28	27.4	10.0	02/28/2013	ND	204	102	200	3.84		

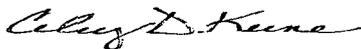
Surrogate: 1-Chlorooctane 82.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.5 % 63.6-154

Cardinal Laboratories

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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:	02/26/2013	Sampling Date:	02/12/2013
Reported:	03/01/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-1 6' (H300505-03)

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/26/2013	ND	1.85	92.6	2.00	17.8		
Toluene*	<0.050	0.050	02/26/2013	ND	1.82	91.2	2.00	16.9		
Ethylbenzene*	<0.050	0.050	02/26/2013	ND	1.78	89.0	2.00	16.3		
Total Xylenes*	<0.150	0.150	02/26/2013	ND	5.40	90.0	6.00	17.0		
Total BTEX	<0.300	0.300	02/26/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 126 % 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	02/28/2013	ND	214	107	200	0.835		
DRO >C10-C28	<10.0	10.0	02/28/2013	ND	204	102	200	3.84		

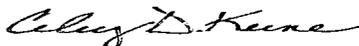
Surrogate: 1-Chlorooctane 89.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

Cardinal Laboratories

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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:	02/26/2013	Sampling Date:	02/12/2013
Reported:	03/01/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-2 2' (H300505-04)

BTEX 8021B	mg/kg		Analyzed By: AP				S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/26/2013	ND	1.85	92.6	2.00	17.8		
Toluene*	0.321	0.050	02/26/2013	ND	1.82	91.2	2.00	16.9		
Ethylbenzene*	0.231	0.050	02/26/2013	ND	1.78	89.0	2.00	16.3		
Total Xylenes*	3.26	0.150	02/26/2013	ND	5.40	90.0	6.00	17.0		
Total BTEX	3.81	0.300	02/26/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 146 % 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	28.2	10.0	02/28/2013	ND	214	107	200	0.835		
DRO >C10-C28	188	10.0	02/28/2013	ND	204	102	200	3.84		

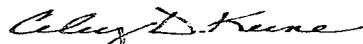
Surrogate: 1-Chlorooctane 90.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.3 % 63.6-154

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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:	02/26/2013	Sampling Date:	02/12/2013
Reported:	03/01/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-3 2' (H300505-05)

BTEX 8021B	mg/kg	Analyzed By: AP					S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/26/2013	ND	1.85	92.6	2.00	17.8		
Toluene*	0.328	0.050	02/26/2013	ND	1.82	91.2	2.00	16.9		
Ethylbenzene*	2.24	0.050	02/26/2013	ND	1.78	89.0	2.00	16.3		
Total Xylenes*	14.7	0.150	02/26/2013	ND	5.40	90.0	6.00	17.0		
Total BTEX	17.3	0.300	02/26/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 646 % 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	1200	10.0	02/28/2013	ND	193	96.3	200	4.02		
DRO >C10-C28	1480	10.0	02/28/2013	ND	190	95.0	200	8.30		

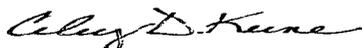
Surrogate: 1-Chlorooctane 188 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.0 % 63.6-154

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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:	02/26/2013	Sampling Date:	02/12/2013
Reported:	03/01/2013	Sampling Type:	Soil
Project Name:	TURKEY TOWN STATE COM. #1	Sampling Condition:	Cool & Intact
Project Number:	700794.065.01	Sample Received By:	Jodi Henson
Project Location:	N-23-18-28		

Sample ID: S-3 4' (H300505-06)

BTEX 8021B	mg/kg		Analyzed By: AP					S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/26/2013	ND	1.85	92.6	2.00	17.8		
Toluene*	<0.050	0.050	02/26/2013	ND	1.82	91.2	2.00	16.9		
Ethylbenzene*	0.054	0.050	02/26/2013	ND	1.78	89.0	2.00	16.3		
Total Xylenes*	0.742	0.150	02/26/2013	ND	5.40	90.0	6.00	17.0		
Total BTEX	0.796	0.300	02/26/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 159 % 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	02/28/2013	ND	193	96.3	200	4.02		
DRO >C10-C28	<10.0	10.0	02/28/2013	ND	190	95.0	200	8.30		

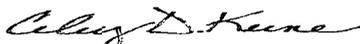
Surrogate: 1-Chlorooctane 93.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

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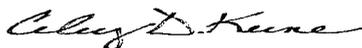
Notes and Definitions

- 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 SM4500CI-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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