

March 19, 2015

Mr. Mike Bratcher NMOCD District 2

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

811 S. 1st Street Artesia, NM 88210

Subject:

Remedial Activities and Closure Report

Oxy Permian LTD

Indian Basin Station #128

2RP-2719

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

Dear Mr. Bratcher,

HOBBS 318 East Taylor Street Hobbs, New Mexico 88240 Phone 575.393.4261 Oxy Permian (Oxy) has contracted Talon/LPE (Talon) to perform, soil assessment and remediation services at the above referenced location. The dirt work at this site was conducted by another company. The incident description, soil sampling results, remediation activities and closure request are submitted herein.

Incident Date

MIDLAND 290I State Hwy 349

Fax 575.393.4658

Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

The release was discovered on January 5, 2015

Background Information

OKLAHOMA CITY 7700 North Hudson Avenue Suite IO Oklahoma City, Oklahoma 73II6 Phone 405.486.7030 Fax 806.467.0622

The Oxy Indian Basin Station #128 flowline release is located approximately thirty-two (32) miles south of Artesia, New Mexico. The legal location for this site is Section 19, Township 21 South, and Range 24 East in Eddy County New Mexico. More specifically the latitude and longitude for the release are 32.45915 North and 104.53451 West.

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 the Ector stony loam with 0 to 9 percent slopes, eroded. Drainage courses in this area are normally dry. Ground water in the project vicinity is approximately 90-feet below ground surface (bgs) according to the New Mexico Office of the State Engineer. The referenced ground water data is presented in Appendix II.

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

Depth to ground water

<100°

Wellhead Protection Area

>1000°

Distance to surface water body

>1000'

ENVIRONMENTAL CONSULTING ENGINEERING

DRILLING

SPILL MANAGEMENT

GENERAL CONTRACTING

Toll Free: 866.742.0742 www.talonlpe.com

Incident Description

A leak developed on the 8-inch trunk line coming from the Indian Basin Station 128 going to the East Indian Basin Central Tank Battery (CTB). The leak caused a release of approximately 60bbls of produced water. The release its self was on the East Indian Basin CTB location. The fluid flowed from the release point down gradient to a lower location. The lower location had a lined and bermed tank battery. The fluid came off of the hill above and entered the lined battery. The fluid also flowed across the lower location for approximately 165-feet and down the lease road to the North for an additional 127-feet. A site plan is illustrating the impacted area is attached in Appendix I.

Talon mobilized personnel to conduct an initial site assessment and perform soil sampling within the impacted area. Due to the shallow soil profile in this area, refusal with a hand auger was encountered at a depth of 0.5-feet bgs.

Remedial Actions Taken

- The dirt work contractor excavated the impacted area in the vicinity of sample locations S-1, S-2, S-3, S-4, S-5, S-6 and S-8 to a depth of 0.5-feet bgs.
- The impacted area in the vicinity of sample location S-7 was excavated to a depth of 1-foot bgs.
- Once the excavation was complete, Talon was contacted to perform confirmation sampling at sample locations S-2, S-3, S-6, and S-7.
- Upon receipt of analytical data from the confirmation sampling, it was shown that all of the impacted soil above NMOCD RRAL's was removed the excavation was backfilled with caliche and contoured to match the surrounding location.

Laboratory Results (Confirmation Sampling)

See Appendix III for complete report of laboratory results.

S-2	0.5			ND	ND
S-3	0.5		Kirk - Par	ND	ND
S-6	0.5			ND	39.8
S-7	1	ND		ND	60.8

(ND) Analyte Not Detected

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

Closure

On behalf of Oxy Permian, LTD, 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.

Respectfully submitted,

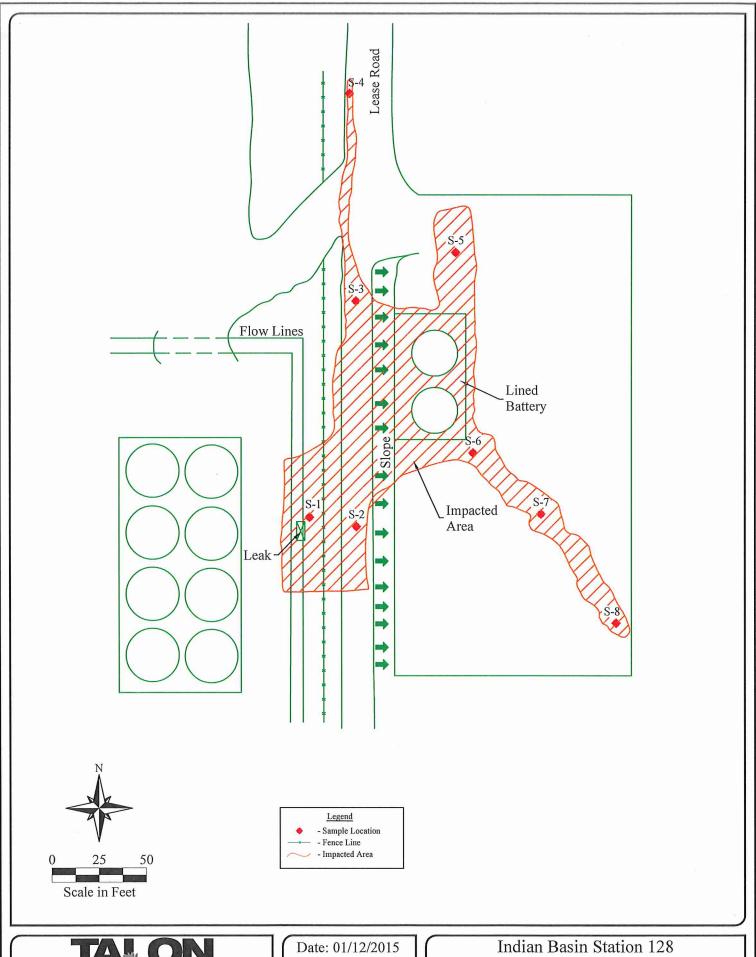
TALON/LPE

Project Manager

David J. Adkins

District Manager

SITE PLAN





Scale: 1" = 50'

Drawn By: TJS

Indian Basin Station 128
Oxy - NM - North
Eddy County, New Mexico
Figure 1 - Site Plan

GROUNDWATER DATA INITIAL C-141

&

Finial 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

Sub-

QQQ

Depth Depth Water Well Water Column **Distance**

C 02701

POD Number

Code basin County 64 16 4 Sec Tws Rng

356

3 3 3 20 21S 24E

544393 3591373*

Average Depth to Water:

90 feet

Minimum Depth:

90 feet

Maximum Depth:

90 feet

Record Count: 1

Basin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Easting (X): 544046

Northing (Y): 3591455

Radius: 1000

*UTM location was derived from PLSS - see Help

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

State of New Mexico Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe. NM 87505 Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

						e, 19191 873	· · · · · · · · · · · · · · · · · · ·					
			Rel	ease Notifi	catio	n and Co	orrective A	Action				
						OPERA	TOR	[✓ Initi	al Report		Final Repor
		XY USA IN				Contact Ch						
Facility No.	2 S. Main	St. Carlsba Basin Stati	d, NM 8	8220			No. 575-628-41	21				
		Dasin Stati	OR 128			Facility Typ	e Flowline					
Surface Ow	ner BLM			Mineral (Owner				API No),		
				LOC	ATIO	N OF RE	LEASE					
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/W	est Line	County		
	19	218	24E	-					-20 220	Eddy		
		<u> </u>	L	1	1							
			La	titude_32,4591	5	_ Longitud	e104.53451_					
				NAT	TIRE	OF REL	EASE					
Type of Rele		ed Water		11223	OXC		Release 60bbls		Volume I	Recovered 01	nle	
Source of Re						Date and I	Iour of Occurrence			Hour of Dis		У
Leak on 8" st Was Immedia						1/5/2015			1/5/2015		~	
A as minicul	ne monce (Yes [No 🗌 Not R	eauired	If YES, To	Whom? her-NMOCD					
By Whom? K	imberly W			7 - 10 🗀 110011			Iour 1/8/2015					
Was a Water							olume Impacting t	the Water	course	***		
			Yes 🗵	No			1 0					A
If a Watercou	rse was Im	pacted, Descr	be Fully.*	k		L	<u></u>					
Describe Cau	se of Probl	em and Remed	ial Action	n Taken.*								
There was a l	eak on the l	8" trunk line c	oming fro	m the Indian Bas	in Statio	n 128 going t	o the East Indian	Basin CT	B. The le	ak caused a	releas	se of
area,	y ocools of	produced wat	er. 1 alon/	LPE mobilized po	ersonnei	to conduct ar	initial site assess	sment and	collect s	oil samples v	vithir	the impacted
Describe Area	a Affected a	and Cleanup A	ction Tak	ten.*								
flowed down	on the trans	ster line from a lower locati	the Indian	Basin Station 12 wer location had	8 but wa	as contained t	o the East Indian	Basin CT	B location	n. Fluid fron	the i	release point
battery. The	fluid also fl	owed across t	he lower I	ocation for appro-	a micu a ximately	165-feet and	uik battery. The L I down the lease r	iuid came	OII OI the	hill and ent	ered i	the lined
illustrating th	e impacted	area will be a	tached wi	th the completed	work pl	an.	do mi tito rouso r	oud to the	HOI III IOI	127-1001, A	Site 1	Jian
					•							
I hereby certif	fy that the i	nformation gi	ven above	is true and comp	lete to th	ne best of my	knowledge and u	nderstand	that purs	uant to NM(OCD	rules and
regulations at	l operators	are required to	report an	ıd/or tile certain r	elease n	otifications ar	id nerform correc	tive action	as for rele	acec which	2017 6	ndongor
public nealth	or the envii	onment. The	acceptanc	e of a C-141 repo	ort by the	NMOCD m	arked as "Final Ra	enorth doe	e not reli	eve the oner	ator o	flighility
or the environ	ment. In a	ddition, NMO	CD accen	investigate and r tance of a C-141	renort de	es not reliev	on that pose a three	eat to grou	ind water	, surface wat	er, h	uman health
federal, state,	or local lay	vs and/or regu	lations.			305 1101 101101	o the operator of r	coponsion	nty 101 C	лириансе м	iiii an	iy omer
	CI .		(Digitally signed	by Chris Jones			OIL CONS	SERVA	TION	DIVISIO	N	
Signature:	Chris	Jones	DN: cn=Chris Jo email=ckjonest	ones, o, ou, 388@yahoo.com, c≃US	l							
			540, 2015.01.0	13.24.19-0000		Annroved by	Environmental S ₁	nagialist				
Printed Name	: Chris Jone	es					ishvirohmental Sj	peciansi:				
Title: HES Sp	ecialist					Approval Dat	e.	L.	nivation I	Jotos		
-						Through Day	V.	I EX	piration I	Jaic:		
E-mail Addre	ss: Christop	her.Jones@oz	ky.com		(Conditions of	Approval:			Attached	П	
Date: 12/18/20	015		Pho	ne: 575-628-4121						12	Ц	

^{*} 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

State of New Mexico Energy Minerals and Natural Resources

rvation Division

h St. Francis Dr.

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

Form C-141 Revised August 8, 2011

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

			Rele	ease Notific	ation	and Co	rrective A	ction				
						OPERA'	TOR		Initia	al Report	\boxtimes	Final Report
Name of Co	mpany O	XY USA IN	C			Contact Ch				1		
		St. Carlsbac		3220	ſ	Telephone 1	lo. 575-628-412	21				
Facility Nar	ne Indian	Basin Statio	on 128]	Facility Typ	e Flowline					
Surface Ow	ner BLM			Mineral O	wner				API No	•		
						OF RE	LEASE	,				***************************************
Unit Letter P	Section 19	Township 21S	Range 24E	Feet from the	North/	South Line	Feet from the	East/W	Vest Line	County Eddy		
	******		La	titude_32.4591:	5	_ Longitud	e104.53451_					
				NAT	URE	OF REL	EASE					
Type of Rele		ed Water	and the second s				Release 60bbls			Recovered 0		
Source of Re		••					lour of Occurrence	ce		Hour of Dis	covery	
Leak on 8" st						1/5/2015 If YES, To	Whomp		1/5/2015			
Was Immedia	ate Notice (Yes [No Not Re	quired		ther-NMOCD					
By Whom? K	Cimberly W	ilson-Talon/L	PE			Date and H	four 1/8/2015				•	
Was a Water		ched?		7		If YES, Vo	lume Impacting t	the Wate	rcourse.			
		,] No								
If a Watercou	irse was Im	pacted, Descr	ibe Fully.	*								
D ". G	CDl.1	1 n	31-1 A -41-	Tolone *						······································		
There was a lapproximatel	leak on the y 60bbls of	produced was	coming fro ter. Talon	om the Indian Basi LPE mobilized pe initial soil sampli	rsonnel	to conduct a	n initial site asses	sment an	nd collect s	oil samples	within t	the impacted
The leak was flowed down battery. The was excavate perform conf	on the tranger on the tranger of the following the followi	a lower locat lowed across y contractor to impling at the	the Indianion. The leading the lower to the parameter location.	ken.* n Basin Station 12 ower location had location for appro- meters laid out in t Results from the co- ontoured to match	a lined a ximately he appro onfirmat	and bermed t v 165-feet and oved work pl tion sampling	ank battery. The factorial down the lease and the execution. Once the execution of the the	fluid cam road to th avation w	ne off of the ne north for vas comple	e hill and er r 127-feet. T te Talon wa	ntered th The impa as contac	e lined acted area cted to
regulations a public health should their or the enviro	Il operators or the envi operations l nment. In a	are required the ronment. The nave failed to	o report a acceptan adequately OCD accep	e is true and comp nd/or file certain r ce of a C-141 repo y investigate and r ptance of a C-141	elease no ort by the emediate	otifications a e NMOCD m e contaminat	nd perform correct arked as "Final R on that pose a thr	ctive acti Report" d reat to gr	ons for rel oes not rel ound water	eases which ieve the ope r, surface w	may en erator of ater, hu	idanger Tiability man health
Signature:	Chris	Jone	S DN: cn=Ch email=ckjo	gned by Chris Jones iris Jones, o, ou, ones888@yahoo.com, c=U i.03.20 15:20:41 -05'00'	IS		OIL CON	ISERV	<u>ATION</u>	DIVISIO	<u>NC</u>	
Printed Nam	e: Chris Joi	nes				Approved by	Environmental S	Specialist	t:			
Title: HES S	pecialist					Approval Da	te:	1	Expiration	Date:		
E-mail Addr	ess: Christo	pher.Jones@o	oxy.com	MARA.		Conditions o	f Approval:			Attached	i 🗆	
Date: 3/19/2	015		Pho	ne: 575-628-4121								

^{*} Attach Additional Sheets If Necessary

LABORATORY RESULTS



January 12, 2015

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: INDIAN BASIN STATION 128

Enclosed are the results of analyses for samples received by the laboratory on 01/07/15 11:40.

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.qov/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.

Celeg D. Keene

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



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

Received:

01/07/2015

Sampling Date:

01/06/2015

Reported:

01/12/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

96.1%

52.1-176

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: S-1 0' REFUSAL (H500042-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.717	0.200	01/09/2015	ND	1.72	86.1	2.00	5.71	
Toluene*	15.7	0.200	01/09/2015	ND	1.69	84.6	2.00	7.04	
Ethylbenzene*	3.03	0.200	01/09/2015	ND	1.63	81.6	2.00	8.36	
Total Xylenes*	32.6	0.600	01/09/2015	ND	4.91	81.8	6.00	8.55	
Total BTEX	52.0	1.20	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.4	% 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	112	16.0	01/08/2015	ND	416	104	400	0.00	
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	514	50.0	01/08/2015	ND	190	94.9	200	1.64	
DRO >C10-C28	326	50.0	01/08/2015	ND	177	88.5	200	0.912	
Surrogate: 1-Chlorooctane	98.4	% 47.2-15	7						

Cardinal Laboratories

Surrogate: 1-Chlorooctadecane

*=Accredited Analyte

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

Celeg D. Keine



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

Received: Reported: 01/07/2015

01/12/2015

INDIAN BASIN STATION 128

Project Name: Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

Sampling Type:

Soil Sampling Condition:

Sample Received By:

Cool & Intact

01/06/2015

Jodi Henson

Sample ID: S-2 0' (H500042-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.298	0.200	01/09/2015	ND	1.72	86.1	2.00	5.71	
Toluene*	4.57	0.200	01/09/2015	ND	1.69	84.6	2.00	7.04	
Ethylbenzene*	1.65	0.200	01/09/2015	ND	1.63	81.6	2.00	8.36	
Total Xylenes*	23.0	0.600	01/09/2015	ND	4.91	81.8	6.00	8.55	
Total BTEX	29.5	1.20	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	61-154	1						
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	01/08/2015	ND	416	104	400	0.00	
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	486	50.0	01/08/2015	ND	190	94.9	200	1.64	
DRO >C10-C28	3720	50.0	01/08/2015	ND	177	88.5	200	0.912	
Surrogate: 1-Chlorooctane	140 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	144 9	6 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:

01/07/2015

Sampling Date:

01/06/2015

Reported:

Soil

01/12/2015

Sampling Type: Sampling Condition:

Cool & Intact

Project Name:

INDIAN BASIN STATION 128

Project Number: Project Location: NONE GIVEN

Sample Received By:

Jodi Henson

NOT GIVEN

Sample ID: S-2 0.5' REFUSAL (H500042-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.311	0.050	01/09/2015	ND	1.72	86.1	2.00	5.71	
Toluene*	2,36	0.050	01/09/2015	ND	1.69	84.6	2.00	7.04	
Ethylbenzene*	0.555	0.050	01/09/2015	ND	1.63	81.6	2.00	8.36	
Total Xylenes*	7.74	0.150	01/09/2015	ND	4.91	81.8	6.00	8.55	
Total BTEX	11.0	0.300	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 61-154	!						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AP					Carron de Carron
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/08/2015	ND	416	104	400	0.00	
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	129	50.0	01/08/2015	ND	190	94.9	200	1.64	
DRO >C10-C28	1820	50.0	01/08/2015	ND	177	88.5	200	0.912	
Surrogate: 1-Chlorooctane	106 5	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	112 9	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal many, when the cause whatsoever shall be deemed waived unless made in writing and received by Cardinal waived unless made in writing and received by Cardinal waived unless made in writing and received by Cardinal waived unless made in writing and received by Cardinal waived unless made in writing and received by Cardinal waived unless waived unless made in writing and received by Cardinal waived unless wa

Celeg & Keene



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

Received:

01/07/2015

Sampling Date:

01/06/2015

Reported:

01/12/2015

Sampling Type:

Soil

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact

Project Name: Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sample Received By:

Jodi Henson

Sample ID: S-3 0' (H500042-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/09/2015	ND	1.72	86.1	2.00	5.71	
Toluene*	11.7	0.500	01/09/2015	ND	1.69	84.6	2.00	7.04	
Ethylbenzene*	3.87	0.500	01/09/2015	ND	1.63	81.6	2.00	8.36	
Total Xylenes*	46.6	1.50	01/09/2015	ND	4.91	81.8	6.00	8.55	
Total BTEX	62.1	3.00	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.3	% 61-154	6						
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	01/08/2015	ND	416	104	400	0.00	
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	889	50.0	01/08/2015	ND	163	81.6	200	3.19	
DRO >C10-C28	6190	50.0	01/08/2015	ND	159	79.5	200	10.8	
Surrogate: 1-Chlorooctane	140 9	% 47.2-15	7						AT - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
Surrogate: 1-Chlorooctadecane	165 9	6 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celeg & Keine



TALON LPE SHELDON HITCHCOCK 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

01/07/2015

Sampling Date:

01/06/2015

Reported:

01/12/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: S-3 0.5' REFUSAL (H500042-05)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	01/09/2015	ND	1.72	86.1	2.00	5.71	
Toluene*	4.57	0.200	01/09/2015	ND	1.69	84.6	2.00	7.04	
Ethylbenzene*	1.18	0.200	01/09/2015	ND	1.63	81.6	2.00	8.36	
Total Xylenes*	14.1	0.600	01/09/2015	ND	4.91	81.8	6.00	8.55	
Total BTEX	19.8	1.20	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.7	% 61-154	1						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/08/2015	ND	416	104	400	0.00	
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	227	10.0	01/08/2015	ND	163	81.6	200	3.19	
DRO >C10-C28	1340	10.0	01/08/2015	ND	159	79.5	200	10.8	
Surrogate: 1-Chlorooctane	94.4	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	105	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celeg & Keene



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

Received:

01/07/2015

Reported:

01/12/2015

Project Name:

INDIAN BASIN STATION 128

Project Number:

Project Location:

INDIAN BASIN ST NONE GIVEN

NOT GIVEN

Sampling Date:

ampling bate.

01/06/2015

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: S-4 0' (H500042-06)

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	01/09/2015	ND	1.72	86.1	2.00	5.71	
Toluene*	<0.050	0.050	01/09/2015	ND	1.69	84.6	2.00	7.04	
Ethylbenzene*	<0.050	0.050	01/09/2015	ND	1.63	81.6	2.00	8.36	
Total Xylenes*	<0.150	0.150	01/09/2015	ND	4.91	81.8	6.00	8.55	
Total BTEX	<0.300	0.300	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.9	% 61-154			14				
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	01/08/2015	ND	416	104	400	0.00	
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	01/08/2015	ND	163	81.6	200	3.19	
DRO >C10-C28	<10.0	10.0	01/08/2015	ND	159	79.5	200	10.8	
Surrogate: 1-Chlorooctane	88.3 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	98.5	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene



TALON LPE SHELDON HITCHCOCK 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Analyzed By: MS

Received:

DTEV 9021D

01/07/2015

Sampling Date:

01/06/2015

Reported:

01/12/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

ma/ka

Project Location:

NOT GIVEN

Sample Received By:

Jodi Henson

Sample ID: S-4 0.5' REFUSAL (H500042-07)

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	01/09/2015	ND	1.67	83.6	2.00	9.49	
Toluene*	0.163	0.050	01/09/2015	ND	1.66	83.2	2.00	9.72	
Ethylbenzene*	<0.050	0.050	01/09/2015	ND	1.61	80.5	2.00	9.92	
Total Xylenes*	0.151	0.150	01/09/2015	ND	4.89	81.5	6.00	10.2	
Total BTEX	0.314	0.300	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.3	% 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	128	16.0	01/08/2015	ND	416	104	400	0.00	
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	01/08/2015	ND	163	81.6	200	3.19	
DRO >C10-C28	<10.0	10.0	01/08/2015	ND	159	79.5	200	10.8	
Surrogate: 1-Chlorooctane	87.4	% 47.2-15	7				··· = ··· = ··· · · · · · · · · · · · ·		
Surrogate: 1-Chlorooctadecane	84.2	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analysiss. All claims, including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This

Celeg & Keene



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

Received:

01/07/2015

Sampling Date:

01/06/2015

Reported:

01/12/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact Jodi Henson

Project Number:

NONE GIVEN

Sample Received By:

Project Location: NOT GIVEN

Sample ID: S-5 0' (H500042-08)

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	01/09/2015	ND	1.67	83.6	2.00	9.49	
Toluene*	0.087	0.050	01/09/2015	ND	1.66	83.2	2.00	9.72	
Ethylbenzene*	<0.050	0.050	01/09/2015	ND	1.61	80.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	01/09/2015	ND	4.89	81.5	6.00	10.2	
Total BTEX	<0.300	0.300	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	95.2 %	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	64.0	16.0	01/08/2015	ND	416	104	400	0.00	
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	01/08/2015	ND	163	81.6	200	3.19	
DRO >C10-C28	<10.0	10.0	01/08/2015	ND	159	79.5	200	10.8	
Surrogate: 1-Chlorooctane	87.9 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	93.2 9	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Received:

01/07/2015

Sampling Date:

01/06/2015

Reported:

01/12/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sample Received By:

Jodi Henson

Sample ID: S-5 0.5' REFUSAL (H500042-09)

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	01/09/2015	ND	1.67	83.6	2.00	9.49	
Toluene*	0.052	0.050	01/09/2015	ND	1.66	83.2	2.00	9.72	
Ethylbenzene*	<0.050	0.050	01/09/2015	ND	1.61	80.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	01/09/2015	ND	4.89	81.5	6.00	10.2	
Total BTEX	<0.300	0.300	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	94.7 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	384	16.0	01/08/2015	ND	416	104	400	0.00	
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	01/08/2015	ND	163	81.6	200	3.19	
DRO >C10-C28	<10.0	10.0	01/08/2015	ND	159	79.5	200	10.8	
Surrogate: 1-Chlorooctane	85.4 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	86.0	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celeg & treens

Celey D. Keene, Lab Director/Quality Manager



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

Received:

01/07/2015

Sampling Date:

01/06/2015

Reported:

Sampling Type:

Soil

01/12/2015

Sampling Condition:

Cool & Intact

Project Name: Project Number:

NONE GIVEN

INDIAN BASIN STATION 128

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: S-6 0' (H500042-10)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	01/09/2015	ND	1.67	83.6	2.00	9.49	
Toluene*	10.8	2.00	01/09/2015	ND	1.66	83.2	2.00	9.72	
Ethylbenzene*	4.93	2.00	01/09/2015	ND	1.61	80.5	2.00	9.92	
Total Xylenes*	70.4	6.00	01/09/2015	ND	4.89	81.5	6.00	10.2	
Total BTEX	86.2	12.0	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.5	% 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	16.0	16.0	01/08/2015	ND	416	104	400	0.00	
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	2230	200	01/08/2015	ND	163	81.6	200	3.19	
DRO >C10-C28	17000	200	01/08/2015	ND	159	79.5	200	10.8	
Surrogate: 1-Chlorooctane	169	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	389	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celeg & Keene



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

Received:

01/07/2015

Sampling Date:

01/06/2015

Reported:

01/12/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sample Received By:

Jodi Henson

Sample ID: S-6 0.5' REFUSAL (H500042-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	01/09/2015	ND	1.67	83.6	2.00	9.49	
Toluene*	1.52	0.200	01/09/2015	ND	1.66	83.2	2.00	9.72	
Ethylbenzene*	1,30	0.200	01/09/2015	ND	1.61	80.5	2.00	9.92	
Total Xylenes*	20.2	0.600	01/09/2015	ND	4.89	81.5	6.00	10.2	
Total BTEX	23.0	1.20	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	99.6	% 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	<16.0	16.0	01/08/2015	ND	416	104	400	0.00	
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	271	10.0	01/08/2015	ND	163	81.6	200	3.19	
DRO >C10-C28	1290	10.0	01/08/2015	ND	159	79.5	200	10.8	
Surrogate: 1-Chlorooctane	106 9	6 47.2-15	7						
Surrogate: 1-Chlorooctadecane	106 %	6 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celeg & Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:

01/07/2015

Sampling Date:

01/06/2015

Reported:

01/12/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: S-7 0' (H500042-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/09/2015	ND	1.67	83.6	2.00	9.49	
Toluene*	12.7	1.00	01/09/2015	ND	1.66	83.2	2.00	9.72	
Ethylbenzene*	5.69	1.00	01/09/2015	ND	1.61	80.5	2.00	9.92	
Total Xylenes*	76.8	3.00	01/09/2015	ND	4.89	81.5	6.00	10.2	
Total BTEX	95.3	6.00	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.1	% 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	224	16.0	01/08/2015	ND	416	104	400	0.00	
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	1640	200	01/08/2015	ND	163	81.6	200	3.19	
DRO >C10-C28	18400	200	01/08/2015	ND	159	79.5	200	10.8	
Surrogate: 1-Chlorooctane	155 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	507 9	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This

Celley D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Received:

01/07/2015

Reported:

Project Name:

INDIAN BASIN STATION 128

Project Number: Project Location:

01/12/2015

NONE GIVEN NOT GIVEN

Sampling Date:

01/06/2015

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: S-7 0.5' REFUSAL (H500042-13)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/09/2015	ND	1.67	83.6	2.00	9.49	
Toluene*	20.3	0.500	01/09/2015	ND	1.66	83.2	2.00	9.72	
Ethylbenzene*	6.38	0.500	01/09/2015	ND	1.61	80.5	2.00	9.92	
Total Xylenes*	74.1	1.50	01/09/2015	ND	4.89	81.5	6.00	10.2	
Total BTEX	101	3.00	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.8	% 61-154	1						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Chloride	Result 224	Reporting Limit	Analyzed 01/08/2015	Method Blank ND	BS 416	% Recovery	True Value QC 400	0.00	Qualifier
		16.0	01/08/2015				-		Qualifier
Chloride	224	16.0	01/08/2015	ND			-		Qualifier Qualifier
Chloride TPH 8015M	224 mg,	16.0 /kg	01/08/2015 Analyze	ND d By: MS	416	104	400	0.00	
Chloride TPH 8015M Analyte	224 mg, Result	16.0 /kg Reporting Limit	01/08/2015 Analyze Analyzed	ND d By: MS Method Blank	416 BS	104 % Recovery	400 True Value QC	0.00	
Chloride TPH 8015M Analyte GRO C6-C10	224 mg, Result 711	16.0 //kg Reporting Limit 50.0 50.0	01/08/2015 Analyze Analyzed 01/08/2015 01/08/2015	ND d By: MS Method Blank ND	416 BS 163	104 % Recovery 81.6	400 True Value QC 200	0.00 RPD 3.19	

Cardinal Laboratories

*=Accredited Analyte

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

Celey & Keine



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

Received:

01/07/2015

Sampling Date:

01/06/2015

Reported:

01/12/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact

Project Number:

Project Location:

NONE GIVEN NOT GIVEN

Sample Received By:

Jodi Henson

Sample ID: S-8 0' (H500042-14)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/09/2015	ND	1.67	83.6	2.00	9.49	
Toluene*	<1.00	1.00	01/09/2015	ND	1.66	83.2	2.00	9.72	
Ethylbenzene*	1.33	1.00	01/09/2015	ND	1.61	80.5	2.00	9.92	
Total Xylenes*	29.8	3.00	01/09/2015	ND	4.89	81.5	6.00	10.2	
Total BTEX	31.1	6.00	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.8	% 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	32.0	16.0	01/08/2015	ND	416	104	400	0.00	
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	1820	100	01/08/2015	ND	163	81.6	200	3.19	
DRO >C10-C28	48500	100	01/08/2015	ND	159	79.5	200	10.8	
Surrogate: 1-Chlorooctane	272 5	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	1210	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In one event shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In one event shall be deemed on the performance of the services hereunder by Cardinal manages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg Theene



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

Received:

01/07/2015

Sampling Date:

01/06/2015

Reported:

BTEX 8021B

01/12/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

mg/kg

Sample Received By:

Jodi Henson

NOT GIVEN

Project Location:

Sample ID: S-8 0.5' REFUSAL (H500042-15)

Analyzed By: MS

	- 51								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/09/2015	ND	1.67	83.6	2.00	9.49	
Toluene*	<0.050	0.050	01/09/2015	ND	1.66	83.2	2.00	9.72	
Ethylbenzene*	<0.050	0.050	01/09/2015	ND	1.61	80.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	01/09/2015	ND	4.89	81.5	6.00	10.2	
Total BTEX	<0.300	0.300	01/09/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.7 9	% 61-154							

Surrogate: 4-Bromofluorobenzene (PIL)	96.7%	61
NOTE OF THE PROPERTY OF		

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/08/2015	ND	416	104	400	0.00	
FPH 8015M mg/kg		Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	23.4	10.0	01/08/2015	ND	163	81.6	200	3.19	
DRO >C10-C28	388	10.0	01/08/2015	ND	159	79.5	200	10.8	

Surrogate: 1-Chlorooctane 91.6% 47.2-157 Surrogate: 1-Chlorooctadecane 95.8 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene-



Notes and Definitions

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed valved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its usbigationies, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples indirected above. This

Celey D. Keens



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(010) 030-2020 1010	0)000 ====		
Company Name: Talon/LPE		8/11/10	ANALIOIO NEGOCO:
D. A		P.O. #:	
Address: 408 W. Texas Ave.		Company: Talon/LPE	
	0	Attn: UXX	
Phone #: 575-746-8768 Fa	Fax #: 5/5-/46-8905	Address:	
	Project Owner: $\bigcirc \times \times$	City:	
ame: Indian Basi	Basin Station 128	State: Zip:	
ň:		Phone #:	
Sampler Name: 5, Hith Court		1	<u></u>
		PRESERV. SAMPLING	1
Lab I.D. Sample I.D.	RAB OR (C)OMF DNTAINERS DUNDWATER STEWATER L	HER: D/BASE: / COOL HER:	FPH BIEX Chlori
1 5 1 0 5 2 C 45a	G ()	11/6/15	21/2 (14:2
3	61		
3 2-2 6 15 Velula			
70'			23 / / /
5 5 - 3 O 12 TILLIA			
		1 1:2	29
7 5-4 015 refusa	al G		30///
	6 1		35
9 5-50, 8, 62-06			5////
1015-60	G	ct or tort, shall be limited to the amount paid by the	unt paid by the client for the
other o	scratusve terriedy to any seems are made in writing a se whatsoever shall be deemed waked unless made in writing a set whatsoever shall be deemed waked unless made in writing a set what we will be a set whether each ball	ed milesa made in writing and received by Cardinal within 30 days after completion of the ed milesa made in writing and received by Cardinal within 50 days after completions and state, or loss of profits incurred by dent, it is subsidiarly allow, but the profits after stated reasons or otherwise.	pletion of the applicable its subsidiaries, its
Relinquished By:	Date: 115 Received By:	Ph Faz	Phone Result:
Symbol Reinquished By:	Date: Received By:	CHURAC TO THE STATE OF THE STAT	XEMAROS
Delivered By: (Circle One)	Sample Condition Cool Infact Ores Ores	ition CHECKED BY:	
Sampler - Uro - Duo - Oulei.			



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Address: 408 W. Texas Ave. Sate: NM Zep. 88210	(010) 000 -000				
ZID: 88210 Attn: ZID: 88210 Attn: ZID: Company: Teleon/LPE City: City: State: ZID: Phone #: Phone #: PRESERV SAMPUNG GROUNDWATER WASTIL OTHERS SE: O	Company Name: Talon/LPE	1000	BILL 10		
State: NIM Zip: 88210 Attn:	P		P.O. #		
State: NM Zip: 88210 Address: Address:	ľ		Company: Talon/LFt		
Address: Table Ta		0	Attn:		
Project Owner: 0 Y City: State: Zip: Phone #: Phone #: Phone #: Phone #: PRESERV, SAMPLING GRONTADWATER GR	-746-8768		Address: /		
Phone #: Phone #: Phone #: Phone #: Phone #: Pax #: Fax		1	City:		
Phone #: Fax #: Fax #: PRESERV SAMPLING MATRIX PRESERV SAMPLING PRESERV SAMPLING GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASOL OTHER: ACID/BA	Project Name: Indian Basin Station				
S. HI + C/A COCK Sample I.D. OR SEER ER OR STANDARD BY THE SERVY SAMPLING OR SEER ER OR STANDARD BY THE SERVY SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR SEER ER OR STANDARD BY THE SERVE SAMPLING OR STANDARD BY THE SERVE S	Project Location:		Phone #:		
Sample I.D. Sample I.D. ORSER RESERVING PRESERVING PRESERVING	5		Fax#:	.5	
TPH RTEY Chorid		MATRIX			
Property of the state of the st	FOR LABUSE ONLY	ER R		(
H: Yes No		CONTAINERS GROUNDWATE WASTEWATER GOIL DIL SLUDGE	ACID/BASE: CE / COOL OTHER :	TPH	
H: Yes No	5-60,5,05-454)	61	-	004	
R: □ Yes □ No	5-7 0	7		(1)(1)	
pplcable pplcable pplcable No No	5-7 0,5 refugal	4		500	
pplcable pplcable pplcable pplcable pplcable pplcable pplcable	8-5	9			
pplicable It: Yes No	5-80.5 (cenjal	9		50	
tt:					
It:	PI EASE NOTE: Liability and Damages. Cardinal's liability and clerif's exclusive remedy for a	my claim arising whether based in contract	or tort, shall be limited to the amount paid t	y the client for the	
Tes No	analyses. All claims including those for negligence and any other cause whatboover shall be service. In no event shall Cardinal be liable for incidental or consequental damages, including	deemed waived unless made in writing and y without limitation, business interruptions, the control of whether such claim	id received by Cardinal within 30 days along loss of use, or loss of profits incurred by clit is based inpon any of the above stated reasons.		
Date: Received By: Time: Sample Condition CHECKED.BY: Cool_Intact_ (Mitigle) ther: Yes Pres Pres	Relinquished By:	Regeived By:	De MARIA	It: Yes No	
Sample Condition Cool Infact Cool Fres Pres	(Received By:			
		\			,

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

Page 19 of 19



March 02, 2015

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: INDIAN BASIN STATION 128

Enclosed are the results of analyses for samples received by the laboratory on 02/25/15 16:40.

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

Lab Director/Quality Manager



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

02/25/2015

Sampling Date:

02/20/2015

Reported:

03/02/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact

Project Number:

700608.388.01

Sample Received By:

Jodi Henson

Project Location:

28-21-24 EDDY COUNTY

Sample ID: S-2 0.5' (H500549-01)

TPH 8015M	
-----------	--

TFII 6013M	ilig,	rky	Allalyze	u by: M3					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/27/2015	ND	211	106	200	0.431	
DRO >C10-C28	<10.0	10.0	02/27/2015	ND	210	105	200	0.00906	

Surrogate: 1-Chlorooctane

101 %

47.2-157

Surrogate: 1-Chlorooctadecane

103 %

52.1-176

Sample ID: S-3 0.5' (H500549-02)

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	02/27/2015	ND	211	106	200	0.431	
DRO >C10-C28	<10.0	10.0	02/27/2015	ND	210	105	200	0.00906	
Surrogate: 1-Chlorooctane	103	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	110	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celley D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Received:

02/25/2015

Sampling Date:

02/20/2015

Reported:

02/25/2015 03/02/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition:

Cool & Intact

Project Number:

700608.388.01

Sample Received By:

Jodi Henson

Project Location:

28-21-24 EDDY COUNTY

Sample ID: S-6 0.5' (H500549-03)

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	02/27/2015	ND	211	106	200	0.431	
DRO >C10-C28	39.8	10.0	02/27/2015	ND	210	105	200	0.00906	
0 1011	00.1	0/ /7.2.15	7						

Surrogate: 1-Chlorooctane 98.3 % 47.2-157
Surrogate: 1-Chlorooctadecane 102 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This

Celey D. Keine



TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

02/25/2015

Sampling Date:

02/20/2015

Reported:

03/02/2015

Sampling Type:

Soil

Project Name:

INDIAN BASIN STATION 128

Sampling Condition: Sample Received By:

Cool & Intact Jodi Henson

Project Number: Project Location: 700608.388.01 28-21-24 EDDY COUNTY

Sample ID: S-7 1' (H500549-04)

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	03/02/2015	ND	1.92	96.0	2.00	5.92	
Toluene*	<0.050	0.050	03/02/2015	ND	1.77	88.7	2.00	4.73	
Ethylbenzene*	<0.050	0.050	03/02/2015	ND	1.98	99.1	2.00	6.84	
Total Xylenes*	<0.150	0.150	03/02/2015	ND	5.33	88.9	6.00	8.22	
Total BTEX	<0.300	0.300	03/02/2015	ND					
Surrogate: 4-Bromofluorobenzene (PIL	112	% 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	02/27/2015	ND	211	106	200	0.431	
DRO >C10-C28	60.8	10.0	02/27/2015	ND	210	105	200	0.00906	
Surrogate: 1-Chlorooctane	102	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	108	% 52.1-17	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celeg D. Freene



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 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

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed varied unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This

Celey & Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

10 ie #:	Add'l Fax #:	N S	□ Yes	Fax Result:	Fax		1	1	Kecetved by:	Cel	7	Date:	3.	Kelinquished by:
	2 1 1 1 1			otherwise	sove stated reasons o	ased upon any of the a	uch claim is b	whether s	C CO	regan	under by Caldina	ance of services here	atiliates of successors arising out of or related to the performance of services neterinder by Cardinal, regardless of whether such claim is based upon any or the store stated reasons of unerwase.	affiliates or successors arisin
				subsidiaries,	s incurred by client, its	s of use, or loss of profit	muptions, loss	iness inte	tion, but	it limits	s, including withou	onsequental damager	service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	service. In no event shall Ca
			<u>ज</u>	etion of the applicat	n 30 days after compl	ceived by Cardinal withi	writing and re-	made in	d unless	waive.	r shall be deeme	ther cause whatsoeve	analyses. All dains including these for registrons and any other cause whatever read to define dealers and the manufacture of the applicable	analyses. All claims includin
		-	-	client for the	amount paid by the						and for any clair	d diagram and a second	Cardinal's fability as	DI GACE NOTE: LINEAR
	T		F	-					-	I				
	1	1	-				+	1	-		-			
		+	1	+					1					
		_												
	1	+	Ì		-	-	+		1	I				-
	_		/	1.3	2.20114 /:	/		\			7	10	5-5	T
			\	1:28	2.20.15 1:	1		/			1	2,51	5-6	N
	Ė		\	300	2.70.15 1:	1		1			6	150	5-2	7
		+	1	111	11 000	1	-	,	-	I	0	100	2-1	
		-	\	17		\		`	-	-	1	110	2	
			7	TIME	DATE TI	ACID/ ICE / C	OIL SLUD OTHE	SOIL	GROL WAST	# CON	(G)RA		7	H500549
		-	PH	STE		BASE:		EVVAI		Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, which i	B OR	I.D.	Sample I.D.	Lab I.D.
			<i>'</i> .	ΞX				CR		Section Name	(C)OM			
					SAMPLING	PRESERV.	RIX	MATRIX	-	-	P.			FOR LAB USE ONLY
				L		Fax #:	77			`	,	(SOM	Kim Wii	Sampler Name:
						Phone #:	70			il	they a	24 8	28-21.	Project Location:
					Zip:	State: Zi	S				12	Basin #	lodian 1	Project Name:
						City:	C		6	1	Owner:	Project Owner:	WW.8. 388.01	Project #: 70%
					'	Address:	A		05	38	Fax #: 575-746-8905	Fax #: 5	746-8768	Phone #: 575-746-8768
					14	Attn:	A	0	21	38	State: NM zip: 88210	State:		city: Artesia
					HEER	Company: Fa	C					įυ.	Address: 408 W. Texas Ave.	Address: 408
	_					P.O. #:	ס					28	D. Adkins	Project Manager:
YSIS REQUEST	ANALYSIS					BILL TO	mn						Company Name: Talon/LPE	Company Name:

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

Sample Condition
Cool Intact
Pres Tres
No No

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

Time:

REMARKS:

P56202358

2019

Page 6 of 6