

Remediation Closure Report Alpha Crude Connector, LLC: Lynch Station |1RP-4313|

October 13, 2016

Prepared By:

TALON/LPE 408 W. Texas Avenue Artesia, New Mexico 88210

Prepared For:

Alpha Crude Connector, LLC

Subject: Remedial Activities and Closure Report Alpha Crude Connector, LLC Lynch Station |1RP-4313|

Dear Ms. Lynch,

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

Site Information

The ACC Lynch Station is located approximately thirty-one (31) miles southwest of Hobbs, New Mexico. The legal location for this facility is Unit Letter B, Section 1, Township 21 South and Range 33 East in Lea County, New Mexico. More specifically the latitude and longitude are 32.52175 North and -103.52468 West. A site plan is presented in Appendix 1.

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service (NRCS), the soil in this area is made up of Kimbrough gravelly loam with 0 to 3 percent slopes. Drainage courses in this area are normally dry.

Ground Water and Site Ranking

According to the New Mexico Office of the State Engineer the ground water in this area is approximately 112-feet below ground surface (BGS). Therefore the ranking for this site is a 0 based on the following:

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

Based upon the site ranking of **0**, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, 5,000 mg/kg for TPH and 1,000 mg/kg for total chlorides.

Incident Description and Initial Remedial Actions

On June 15, 2016 a temporary tank overflowed resulting in the loss of approximately 15bbls of crude oil. The oil flowed from the tank off of the pad and into the adjacent pasture for approximately 266-feet. Talon mobilized personnel to conduct a site assessment and perform soil sampling within the impacted area utilizing a backhoe. Due to the shallow caliche in this area, refusal was encountered at depths ranging from 1.5 to 5-feet BGS. The laboratory results from the soil sampling event are summarized in the table below.

Laboratory Results

See Appendix IV for complete report of laboratory results.

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO	
S-1	0	360	176	4870	35900	
S-1	1	ND		ND	13.8	
S-1 REFUSAL	2	ND		ND	14.7	
S-2	0	1240	48	16200	59000	
S-2	1	1680		15200	20800	
S-2 REFUSAL	2	4.05		10.3	71.6	
S-3	0	637	ND	7630	41700	
S-3	1	1730		17300	28800	
S-3 REFUSAL	1.5	4.79		10.3	30.8	
S-4	0	11.1	ND	392	2780	
S-4	1	927		9700	12800	
S-4	2	471		6370	9950	
S-4	3	0.308		ND	ND	
S-4	4	ND		ND	ND	
S-4 REFUSAL	5	3.14		12.4	79.3	

Initial Sampling 6/22/2016

(--) Analyte Not Tested

(ND) Analyte Not Detected

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	2	ND		ND	ND
S-2	2	10.9		137	9800
S-3	1.5	0.361		ND	2250
S-4	5	11.2		139	4220
S-5	NA	ND		ND	ND
S-6	NA	ND		ND	ND
S-7	NA	ND		ND	ND
S-8	NA	ND		ND	ND
S-9	NA	ND		ND	ND
S-10	NA	ND	44	ND	1480

Confirmation Sampling 9/13/2016

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

Confirmation Sampling 9/19/2016

Sample ID	Depth	BTEX	Chlorides	TPH (mg/kg)	TPH (mg/kg)
	(feet) *	(mg/kg)	(mg/kg)	GRO	DRO
S-2	2.5	2.53		ND	134

(--) Analyte Not Tested

(ND) Analyte Not Detected

Conclusions and Remedial Actions Taken

- The impacted area in the vicinity of sample location S-1 was excavated to a depth of 1-foot BGS.
- The impacted area in the vicinity of sample location S-2 was excavated to a depth of 2-feet BGS.
- The impacted area in the vicinity of sample location S-3 was excavated to a depth of 1.5-feet BGS.
- The impacted area in the vicinity of sample location S-4 was excavated to a depth of 3-feet BGS.
- Confirmation soil samples were taken from the bottom and sidewalls of the excavation per NMOCD stipulations.
- Upon receipt of analytical data from the confirmation soil sampling it was discovered that area in the vicinity of sample location S-2 remained above NMOCD RRAL's for TPH.
- The excavation in the vicinity of sample location S-2 was then advanced to a depth of 2.5-feet BGS and a confirmation soil sample was again taken from the bottom of the excavation. The analytical results from this sampling event showed that all of the impacted material above NMOCD RRAL's was successfully removed.
- The analytical results from the confirmation sampling events were forwarded to NMOCD and permission to backfill the excavation was requested. Following review of the analytical results from the confirmation soil sampling NMOCD gave permission to backfill the excavation.
- The excavated area inside of the station was backfilled with caliche.
- The excavated area in the pasture was backfilled with top soil, contoured to match the surrounding terrain and left in a "rough" condition to approximate natural surface deviations, control erosion and promote revegetation.
- The pasture area was seeded utilizing a Culti-Pack seed drill with 2 acres of BLM #3. A copy of the seed label can be found in Appendix IV. This area will be monitored periodically for revegetation and the development of noxious weeds until revegetation occurs.

Closure

On behalf of Alpha Crude Connector, LLC we respectfully request that no further actions be required and that closure with regard 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

Shelden A

Sheldon Hitchcock Project Manager

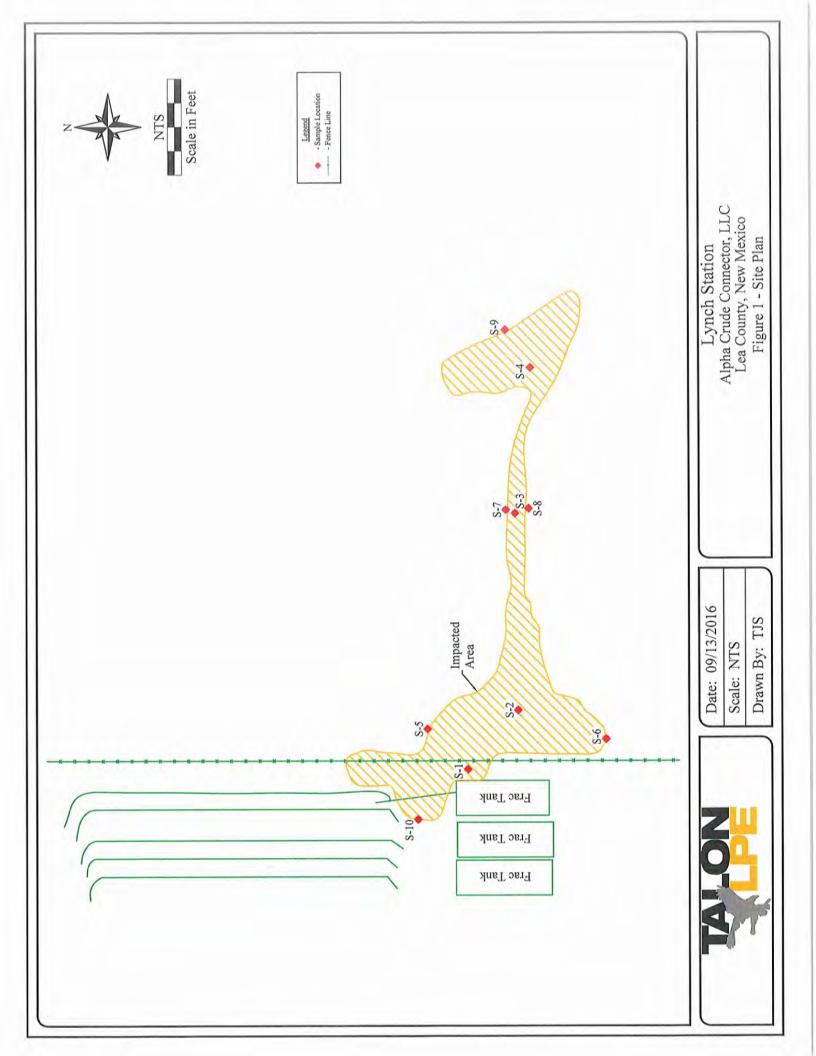
David J. Adkins District Manager

Attachments

Appendix I	Site Plan
Appendix II	Groundwater Data
Appendix III	Initial & Final C-141
Appendix IV	Seed Label
Appendix V	Photographic Documentation
Appendix VI	Laboratory Results

APPENDIX I

SITE PLAN



APPENDIX II GROUNDWATER DATA



New Mexico Office of the State Engineer Water Column/Average Depth to Water

(R=POD has been replaced, O=orphaned, C=the file is closed)		0.11 1444								neters)	(In feet)	
POD Sub- Code basin Cor	unty		10.25		Sec	Tws	Rng	x	(Y	Distance			
L	.E		2	1	06	215	34E	639838	3 3598306* 🔵	1190	118	112	6
L	E		2	2	02	21S	33E	637438	3 3598269* 🌍	1210	125	100	25
i.	.E	2	2	4	02	215	33E	637548	3 3597564* 🌍	1316	102		
L	E	3	2	2	02	215	33E	637337	7 3598168* 🌍	1316	1100		
i.	E	3	2	2	02	215	33E	637337	7 3598168* 🌍	1316	170		
L	E	3	2	4	02	21S	33E	637432	2 3597709 🌍	1346	1364	1046	318
L	E	1	2	4	02	215	33E	637348	3 3597564*	1487	110		
									Avera	Minimum	Depth:	419 100 1046	feet
	been replaced, O=orphaned, C=the file is closed) POD Sub- Code basin Co L L L L	been replaced, O=orphaned, C=the file is closed) POD Sub-	been replaced, O=orphaned, C=the file is (qua closed) (qua POD Sub- Q Code basin County 64 LE LE LE 2 LE 3 LE 3 LE 3	been replaced, O=orphaned, C=the file is closed) (quarte (quarte) Code basin County 64 16 LE 2 LE 2 LE 2 LE 3 2 LE 3 2 LE 3 2	been replaced, O=orphaned, C=the file is closed) (quarters a (quarters a POD Sub- LE LE 2 LE 3 2 LE 3 2 LE 3 2 2 LE 3 2 2 2 2 2 2 2 2 2 2 2 2 2	been replaced, O=orphaned, C=the file is closed) (quarters are 1 (quarters are 1 4 500 LE 2 4 500 LE 2 2 4 02 LE 3 2 2 02 LE 3 2 02 LE	been replaced, O=orphaned, C=the file is closed) (quarters are 1=NW (quarters are	been replaced, O=orphaned, C=the file is closed) (quarters are 1=NW 2=NE 3 (quarters are 1=NW 3=NW	been replaced, O=orphaned, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=S (quarters are smallest to largest) POD (quarters are 1=NW 2=NE 3=SW 4=S (quarters are smallest to largest) POD Q Q Q Sub- Q Q Q LE 2 1 06 21S 34E 639838 LE 2 2 02 21S 33E 637438 LE 2 2 02 21S 33E 637337 LE 3 2 2 02 21S 33E 637337	been replaced, O=orphaned, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (nAD83 UTM in n POD Sub- (NAD83 UTM in n ND83 UTM in n ND83 UTM in n ND83 UTM in n POD Sub- Q Q Q V Nmg X Y Code basin Courty 64 16 4 Sec Tws Rng X Y LE Q Q Q Q Q Y Q Q Y LE Q Q Q Q Q Q Y Y Y LE Q Q Q Q Q Q Y	been replaced, O = orphaned, C = the file is closed) Q Q Q PUP Sub- L Q<	been replaced, O=orphaned, C=the file is closed) $(quarters are 1=NW 2=NE 3=SW 4=SE)$ (quarters are 1=NW 2=NE 3=SW 4=SE) $(NAD83 UTM in meters)$ $(name)$ POD $(quarters are 1=NW 2=NE 3=SW 4=SE)(quarters are 1=NW 2=NE 3=SW 4=SE)$ $(NAD83 UTM in meters)$ $(name)$ POD $(quarters are 1=NW 2=NE 3=SW 4=SE)$ $(NAD83 UTM in meters)$ $(name)$ Sub- $(quarters are 1=NW 2=NE 3=SW 4=SE)$ $(NAD83 UTM in meters)$ $(name)$ Sub- $(quarters are 1=NW 2=NE 3=SW 4=SE)$ $(NAD83 UTM in meters)$ $(name)$ Sub- $(quarters are 1=NW 2=NE 3=SW 4=SE)$ $(NAD83 UTM in meters)$ $(name)$ Sub- $(quarters are 1=NW 2=NE 3=SW 4=SE)$ $(NAD83 UTM in meters)$ $(name)$ Sub- $(Quarters are 1=N M 2=NE 3=SW 4=SE)$ $(NAD83 UTM in meters)$ $(name)$ Code basin $(Quarters are 1=N M 2=NE 3=SW 4=SE)$ $(NAD83 UTM in meters)$ $(Name)$ LE 2 1 0 2 Rng X Y $Distance N M M M M M M M M M M M M M M M M M M$	been replaced, C-ethe file is closed) $(quarters are 1=NW 2=NE 3=SW 4=SE)$ (quarters are states to larges) $(NAD83 UTM in meters)$ (In feet) POD $(quarters are 1=NW 2=NE 3=SW 4=SE)(quarters are states to larges) (NAD83 UTM in meters) (neters) POD Q_1 = Q_1 Q_1 = Q_1 Q_1 = Q_1 (NAD83 UTM in meters) (NaD83 UTM in meters) (neters) Sub- Q_1 = Q_1 (Q_1 = V_1) Sub- Q_1 = Q_1 (Q_1 = V_1) Sub- Q_1 = Q_1 (Q_1 = V_1) LE (Q_1 = Q_1) (Q_1 = V_1) (Q_1 $

Basin/County Search:

County: Lea

UTMNAD83 Radius Search (in meters):

Easting (X): 638648

Northing (Y): 3598287

Radius: 1500

*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.

APPENDIX III INITIAL C-141 & FINAL C-141

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

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R	C	5		UV.	1		/

State of New Me By JKeyes at 10:16 am, Jun 20, 2016

Energy Minerals and Natur

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

Santa Fe, NM 87505

Release Notification and Corrective Action

		OPERATOR	\boxtimes	Initial Report		Final Report
Name of Company: Alpha Crude Con		Contact: George Grau				
Address: 4200 E Skelly Dr. Ste 400 T	ulsa, OK 74135	Telephone No. 817-312-3792				
Facility Name: Lynch Station	Facility Type: Pipeline					
Surface Owner: State	Mineral O	wner:		PINo	_	

			and design of the	LOCA	ATION OF RELEASE			
Unit Letter	Section	Township	Range	Feet from the	North/South Line Feet from the	East/Wast Lina	Country	

B 1	215	33E	reet nom the	North/South Line	reet from the	East west Line	Lea
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Latitude 32.52175 Longitude -103.52468

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: 15bbls	Volume R	ecovered: 5bbls		
Source of Release: Tank overflow	Date and Hour of Occurrence: Date and Hour of Discovery: 6/15/16 8:00pm 6/15/16 8:00pm				
Was Immediate Notice Given?	If YES, To Whom?				
By Whom?	Date and Hour:				
Was a Watercourse Reached?	If YES, Volume Impacting the W	/atercourse.			
If a Watercourse was Impacted, Describe Fully.*					
site to recover standing fluid. Approximately 5bbls of fluid were recovered Describe Area Affected and Cleanup Action Taken.* The affected area originated on the pad and flowed east across the pad an will be collected in preparation for drafting a remediation work plan. I hereby certify that the information given above is true and complete to t regulations all operators are required to report and/or file certain release r public health or the environment. The acceptance of a C-141 report by the should their operations have failed to adequately investigate and remediation	d into the adjacent pasture. The area he best of my knowledge and under notifications and perform corrective : he NMOCD marked as "Final Report	stand that purse actions for rele	ant to NMOCD rules and ases which may endanger ase the operator of liability		
or the environment. In addition, NMOCD acceptance of a C-141 report c federal, state, or local laws and/or regulations,	loes not relieve the operator of respo	onsibility for co	mpliance water, human health		
Signature: Ala	OIL CONSER	1 4	ST THE ST THE		
Printed Name: George Grau	Approved by Environmental Specia	list:	7		
Title: Vice President of Operations	Approval Date: 06/20/2016	Expiration I	08/20/2016 Date:		
E-mail Address: ggrau@frontierenergyllc.com	Conditions of Approval: Discrete samples only. Delineate an per NMOCD guidelines.	Attached Attach			
Attach Additional Sheets If Necessary	Contraction Contraction		and the second s		

nJXK1617236605 pJXK1617236766

State of New Mexico Energy Minerals and Natural Resources

Form C-141 Revised August 8, 2011

Oil Conservation Division 1220 South St. Francis Dr.

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

Attached 🔲

220 S. St. Fran	cis Dr., Sant	a Fe, NM 8750:	,	Sar	nta Fe	, NM 875	05		
			Rel	ease Notifica	ation	and Co	orrective A	ction	
						OPERA'	FOR	🔲 Init	ial Report 🛛 Final Report
Name of Co	mpany: A	Ipha Crude	Connecto	or, LLC		Contact: Ge			
Address: 42	00 E Skel	ly Dr. Ste 40	0 Tulsa,	OK 74135			No. 817-312-379	92	
Facility Na	me: Lynch	Station			11	Facility Typ	e: Pipeline		
Surface Ow	mer: State			Mineral Ov	wner:			APIN	0,
				LOCA	TION	OFRE	LEASE		
Unit Letter B	Section 1	Township 21S	Range 33E			South Line	Feet from the	East/West Line	County Lea
		<u>.</u>	L	atitude <u>32.52175</u>		Longitudo	-103.52468		
				1 1 H H H H H H H H H H		OF REL	A the second second		
Type of Rele	acer Crude	Oil		INAL	UKE		Release: 15bbls	Volume	Recovered: 5bbls
Source of Re	elease: Tanl	k overflow	1			Date and 1 6/15/16 8:	Iour of Occurrent 00pm	ce: Date an 6/15/16	d Hour of Discovery: 8:00pm
Was Immed	iate Notice	Given?] Yes [No 🛛 Not Rea	quired	If YES, T	o Whom?		
By Whom?						Date and	Hour:		
Was a Wate	rcourse Rea	ched?		2		IFYES, V	olume Impacting	the Watercourse.	
		and the second second	Yes [10.000			<u></u>	-	<u> </u>
If a Waterco	ourse was Ir	npacted, Desc	ribe Fully	*					
A temporary	tank overf	elem and Rem Nowed resultin fluid. Approx	ig in the la	on Taken.* oss of approximatel bbls of fluid were re	y 15bbl ecovere	is of crude oi d.	l. Upon discovery	v a vacuum truck v	was immediately dispatched to the
The affected will be colle drafted and the remedia backfill the	d area origin ected in pre- subsequent tion was co excavated a	paration for du ly approved b inducted in acc areas. The exc BLM #3 seed	ad and flo rafting a ra y NMOCI cordance v avation w mixture	wed east across the emediation work pla D and the State Lan- with the approved w as backfilled and pr	an. Onc d Office ork pla repared	e laboratory e (SLO). A r in. After revi for seeded in	results from the s emediation permi ew of confirmation occurrence with	oil sampling even t was required by on soil sampling N SLO stipulations	d for a one-call and soil samples were received a work plan was SLO upon approval of the permit IMOCD gave permission to . The area in the pasture was
I hereby con regulations public healt should their or the envir	tify that the all operator th or the en- r operations conment. In	e information rs are required vironment. The	given abo to report ne accepta adequate (OCD acc	and/or file certain re nce of a C-141 repo ly investigate and re eptance of a C-141	elease r ort by the	te NMOCD	and perform corre marked as "Final 1 tion that pose a th	Report does not in the formation of the	arsuant to NMOCD rules and releases which may endanger relieve the operator of liability iter, surface water, human health r compliance with any other
Signature:		4	no	Ŧ		Approved t	OIL CON		N DIVISION
Printed Na	0.101	of Operations	()			Approval D	ate:	Expiration	on Date:

Conditions of Approval:

Phone: 817-312-3792 Date: 10/13/2016 * Attach Additional Sheets If Necessary

E-mail Address: ggrau@frontierenergylle.com

Title: Vice President of Operations

APPENDIX IV SEED LABEL

Curtis and Curtis, Inc. 4500 North Prince Clavis, NM 88101 Phone: (\$75) 762-4759 www.curitsseed.com Talon / LPE, LTD 2 Acre BLM #3, Drilled Rate 1-2 Acre BLM #3, Drilled Rate 1-2 Acre BEM #3, Drilled Rate 1-2 Acre BE @ 28.41 Bulk Pounds Sidecats Grama Texas 54.16% 72.00% 19.00% 91.00% 087.16 14.00 Blue Grama New Mexico 11.24% 28.00% 66.00% 94.00% 037.16 3.00 VNS VNS Plains Bristlegrass Texas 7.83% 2.00% 88.00% 90.00% 057.16 2.00 VNS There Are 1 Bags For This Mix Weed Seed. 0.15% This Bag Weighs 28.41 Bulk Pounds Inert Matter: 24.80% Use This Bag For 2 Acres	Same in Second	· · · · · · · · · · · · · · · · · · ·	. 10	. 3 10		1.1
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APPENDIX V

PHOTOGRAPHIC DOCUMENTATION



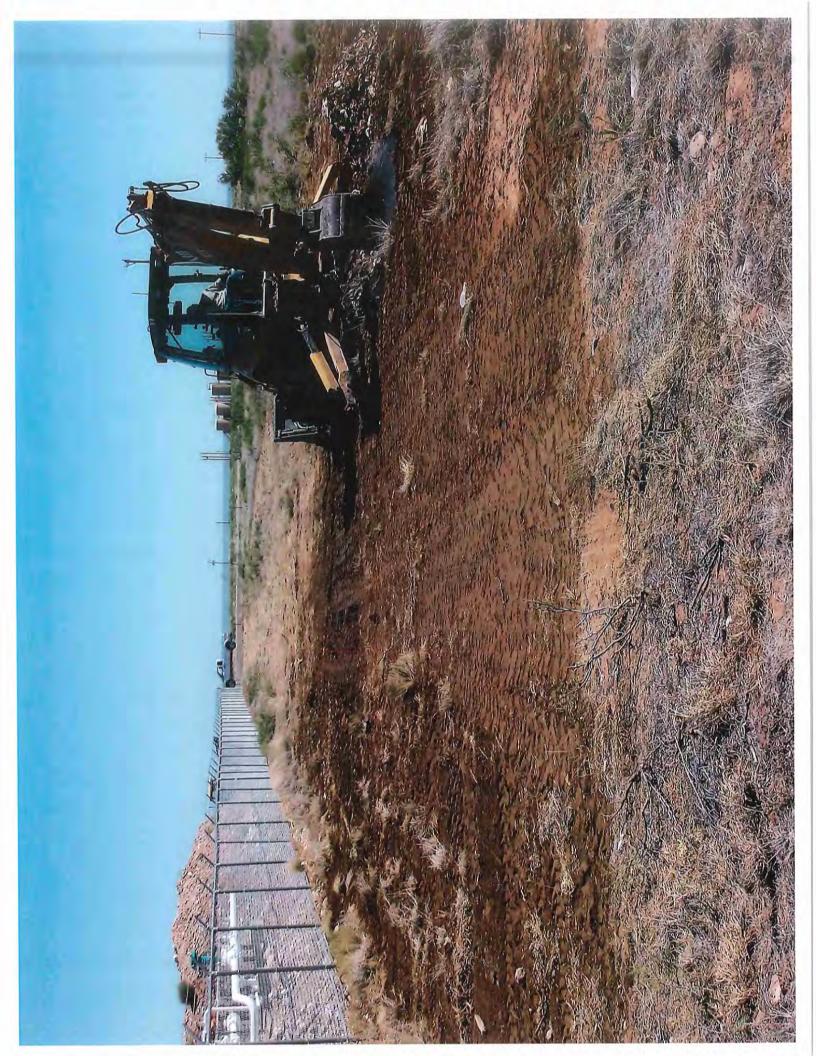
In Case of Emergency Call: 866-856-9337

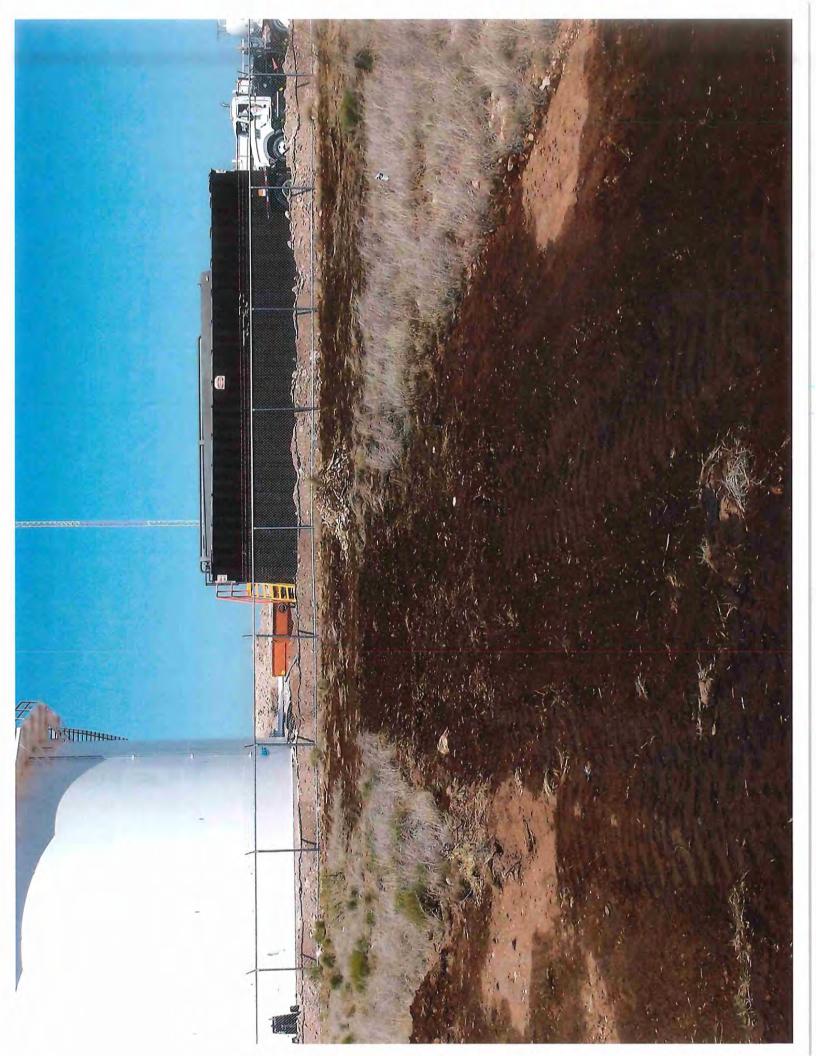
e Connector, LLC

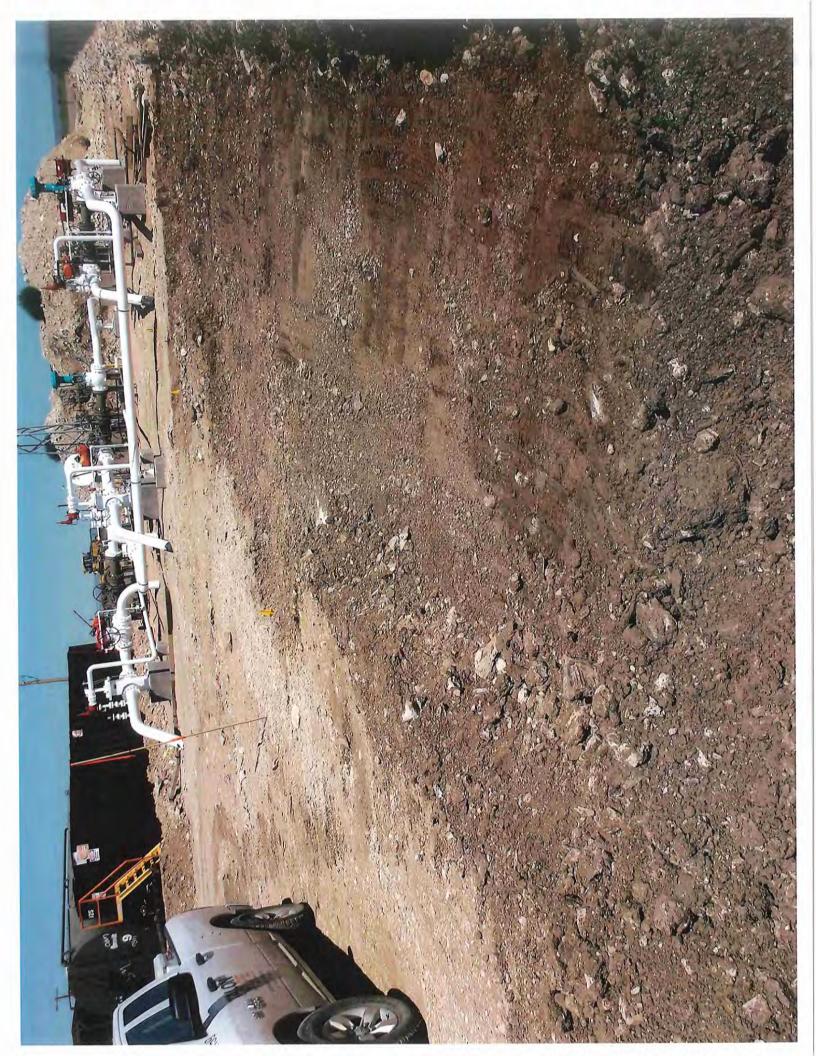
LYNCH STATION

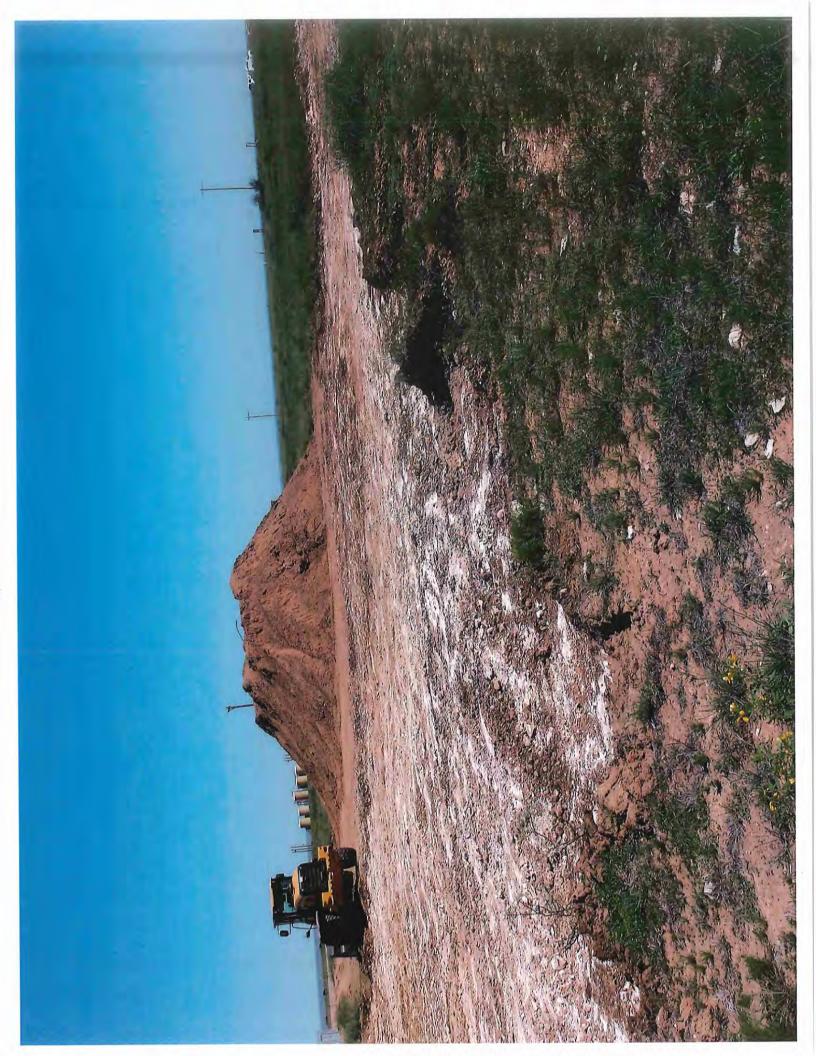
Lea County, New Mexico off of HWY 176 at MM26 N32.522267 W103.524841



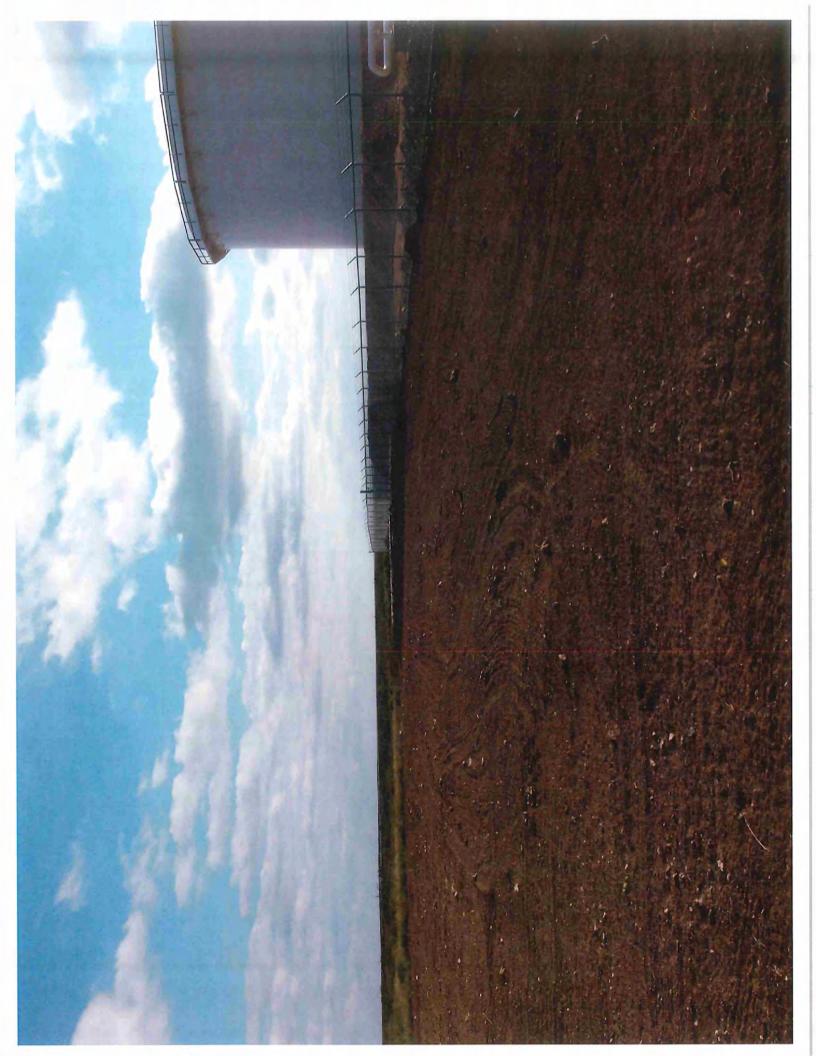


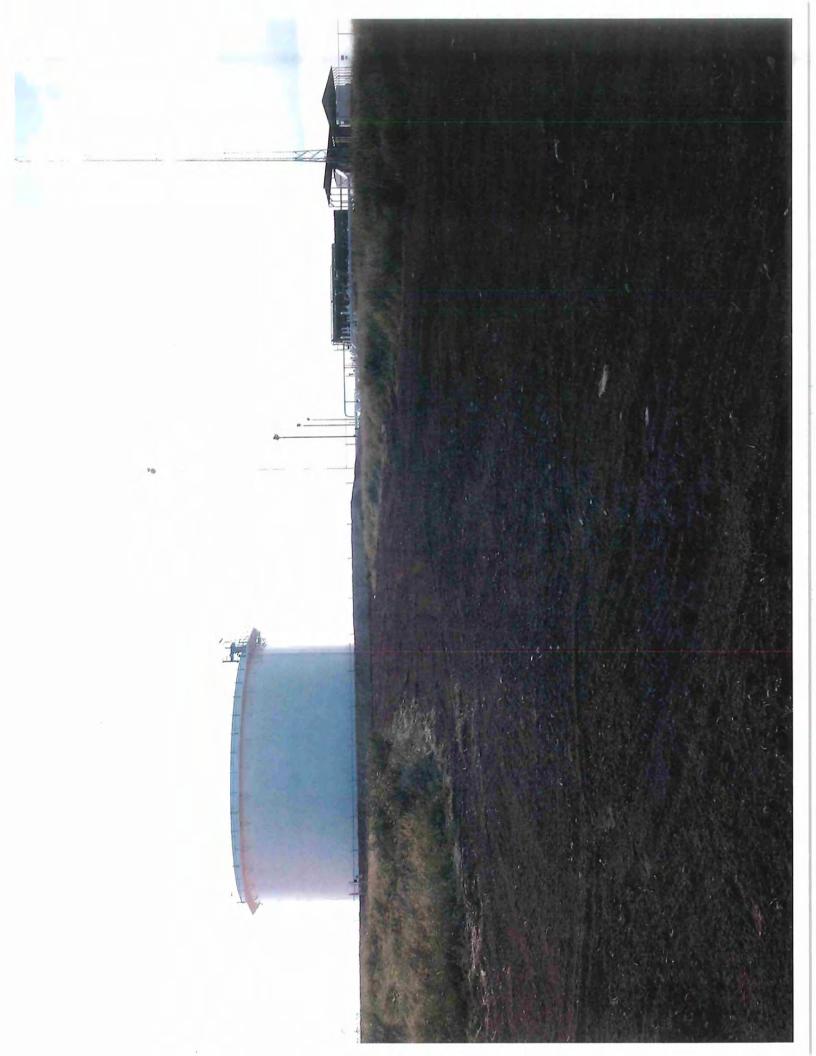












APPENDIX VI LABROTORY RESULTS



June 28, 2016

SHELDON HITCHCOCK TALON LPE 408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LYNCH STATION

Enclosed are the results of analyses for samples received by the laboratory on 06/22/16 12:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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 accredited 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.

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,

Celeg 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:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32.521780103.524648		

Sample ID: S-1 0' (H601357-01)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Anałyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	27.0	2,00	06/24/2016	ND	2,07	103	2,00	1.69	
Toluene*	128	2.00	06/24/2016	ND	1.90	95.1	2.00	1.05	
Ethylbenzene*	46.0	2,00	06/24/2016	ND	1.69	84.4	2.00	0.488	
Total Xylenes*	159	6.00	06/24/2016	ND	5.26	87.6	6.00	0.422	
Total BTEX	360	12.0	06/24/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL 112 % 73.6-140

Chioride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16,0	06/22/2016	ND	400	100	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	4870	100	06/23/2016	ND	202	101	200	0,642	
DR0 >C10-C28	35900	100	06/23/2016	ND	213	107	200	0.0404	
Surrogate: 1-Chlorooctane	235	% 35-147	, , , , , , , , , , , , , , , , , , ,					· .	

Surrogate: 1-Chlorooctadecane 1150 % 28-171

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*=Accredited Analyte

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Celez Di Kene



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

Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32.521780103.524648		

Sample ID: S-1 1' (H601357-02)

BTEX 8021B	ուց,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2016	ND	2.07	103	2.00	1,69	
Toluene*	0.063	0,050	06/24/2016	ND	1.90	95.1	2,00	1.05	
Ethylbenzene*	<0.050	0.050	06/24/2016	ND	1,69	84.4	2,00	0,488	
Total Xylenes*	<0.150	0,150	06/24/2016	ND	5.26	87.6	6.00	0.422	
Total BTEX	<0.300	0,300	06/24/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID	105 9	6 73.6-140)						
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	06/23/2016	ND	202	101	200	0.642	
DRO >C10-C28	13.8	10.0	06/23/2016	ND	213	107	200	0.0404	
Surrogate: 1-Chlorooctane	87.9 9	% 35-147							-
Surrogate: 1-Chlorooctadecane	100 %	6 28-171							

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

Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32,521780,-103.524648		

Sample ID; S-1 2' REFUSAL (H601357-03)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2016	ND	2.07	103	2,00	1.69	
Toluene*	<0.050	0.050	06/24/2016	ND	1.90	95,1	2.00	1,05	
Ethylbenzene*	<0.050	0,050	06/24/2016	ND	1.69	84.4	2,00	0.488	
Total Xylenes*	<0.150	0.150	06/24/2016	ND	5,26	87.6	6.00	0,422	
Total BTEX	<0.300	0.300	06/24/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE	105 %	6 73.6-140)						
TPH 8015M	mg/l	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	06/23/2016	ND	202	101	200	0.642	
DRO >C10-C28	14,7	10.0	06/23/2016	ND	213	107	200	0.0404	
Surrogate: 1-Chlorooctane	89.69	6 35-147							
Surrogate: I-Chlorooctadecane	97.8 %	6 28-171							

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Celleg D. Keine



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

Received:	06/22/2016	Sampling Date:	06/21/2016
Reported;	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D, Keene
Project Location:	32.521780103.524648		

Sample ID: S-2 0' (H601357-04)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	127	10.0	06/24/2016	ND	2,07	103	2.00	1.69	
Toluene*	516	10.0	06/24/2016	ND	1.90	95,1	2.00	1,05	
Ethylbenzene*	143	10,0	06/24/2016	ND	1.69	84.4	2,00	0.488	
Total Xylenes*	454	30.0	06/24/2016	ND	5.26	87,6	6.00	0.422	
Total BTEX	1240	60.0	06/24/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL 107 % 73.6-140

Analyte									
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/22/2016	ND	400	100	400	0.00	
ТРН 8015М	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	16200	500	06/23/2016	ND	202	101	200	0,642	
DRO >C10-C28	59000	500	06/23/2016	ND	213	107	200	0,0404	

Surrogate: 1-Chlorooctadecane 2320 % 28-171

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Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soll
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32.521780103.524648		

Sample ID: S-2 1' (H601357-05)

BTEX 80218	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	261	10.0	06/27/2016	ND	1.95	97.3	2,00	0.960	
Toluene*	707	10.0	06/27/2016	ND	1.83	91.6	2.00	1,23	
Ethylbenzene*	180	10.0	06/27/2016	ND	1,73	86.5	2,00	1,29	
Total Xylenes*	535	30.0	06/27/2016	ND	5.32	88.7	6.00	1.25	
Total BTEX	1680	60.0	06/27/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 73.6-14	0						
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	15200	100	06/23/2016	ND	202	101	200	0.642	
DRO >C10-C28	20800	100	06/23/2016	ND	213	107	200	0,0404	
Surrogate: 1-Chlorooctane	312 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	520 9	% 28-171	1						

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Surrogate: 1-Chlorooctadecane

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Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32.521780103.524648		

Sample ID: S-2 2' REFUSAL (H601357-06)

BTEX 8021B	mg,	/kg	Analyze	d By: MS			1. (2. 01 (0. 17)		QM-4X
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.139	0.050	06/27/2016	ND	1.95	97.3	2,00	0.960	
Toluene*	1.03	0,050	06/27/2016	ND	1.83	91.6	2,00	1.23	
Ethylbenzene*	0.645	0.050	06/27/2016	ND	1,73	86.5	2.00	1,29	
Total Xylenes*	2,23	0.150	06/27/2016	ND	5.32	88.7	6,00	1.25	
Total BTEX	4,05	0,300	06/27/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL 103 % 73.6-140

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	10.3	10.0	06/23/2016	ND	202	101	200	0.642	
DRO >C10-C28	71.6	10.0	06/23/2016	ND	213	107	200	0.0404	
Surrogate: 1-Chlorooctane	88.1		7					<u></u>	

28-171

Surrogate: 1-Chlorooctadecane 82.0 %

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Celey Kere



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

Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32.521780103.524648		

Sample ID: S-3 0' (H601357-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	33,5	5,00	06/27/2016	ND	1.95	97.3	2.00	0.960	
Toluene*	196	5.00	06/27/2016	ND	1.83	91,6	2,00	1.23	
Ethylbenzene*	93.6	5.00	06/27/2016	ND	1.73	86.5	2,00	1,29	
Total Xylenes*	314	15.0	06/27/2016	ND	5,32	88.7	6.00	1.25	
Total BTEX	637	30.0	06/27/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE 107 % 73.6-140

mg,	/kg	Analyze	d By; AP				·····	
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	⊤rue Value QC	RPD	Qualifier
<16.0	16.0	06/22/2016	ND	400	100	400	0.00	
mg,	/kg	Analyze	d By: MS					S-06
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
7630	100	06/23/2016	ND	202	101	200	0,642	
41700	100	06/23/2016	ND	213	107	200	0.0404	
350	% 35-J43	1						
	Result <16.0 mg, Result 7630 41700	<16.0 16.0 mg/kg Result Reporting Limit 7630 100 41700 100	Result Reporting Limit Analyzed <16.0	ResultReporting LimitAnalyzedMethod Blank<16.0	Result Reporting Limit Analyzed Method Blank BS <16.0	Result Reporting Limit Analyzed Method Blank BS % Recovery <16.0	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <16.0	Result Reporting Limit. Analyzed Method Blank BS % Recovery True Value QC RPD <16.0

28-171

Surrogate: 1-Chlorooctadecane 1240 %

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Celeg D Kune-



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

Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32,521780,-103.524648		

Sample ID: S-3 1' (H601357-08)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	222	10.0	06/27/2016	ND	1,95	97,3	2.00	0,960	
Toluene*	700	10.0	06/27/2016	ND	1.83	91.6	2.00	1.23	
Ethylbenzene*	200	10.0	06/27/2016	ND	1.73	86.5	2.00	1,29	
Total Xylenes*	604	30.0	06/27/2016	ND	5,32	88,7	6.00	1.25	
Total BTEX	1730	60.0	06/27/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL	102 9	% 73.6-14	0						
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	17300	100	06/23/2016	ND	202	101	200	0.642	
DRO >C10-C28	28800	100	06/23/2016	ND	213	107	200	0.0404	
Surrogate: 1-Chlorooctane	418 9	% 35-147	7						
Surrogate: I-Chlorooctadecane	718	% 28-171	1						

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Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32,521780,-103,524648		

Sample ID: S-3 1.5' REFUSAL (H601357-09)

BTEX 8021B	mg,	/kg	Analyzed By: MS						am an
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.276	0.050	06/27/2016	ND	1.95	97.3	2,00	0,960	
Toluene*	1.44	0.050	06/27/2016	ND	1.83	91.6	2.00	1.23	
Ethylbenzene*	0.703	0,050	06/27/2016	ND	1.73	86,5	2,00	1,29	
Total Xylenes*	2.31	0,150	06/27/2016	ND	5.32	88.7	6.00	1.25	
Total BTEX	4,73	0,300	06/27/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL	103 9	% 73.6-14	0						
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	10.3	10.0	06/23/2016	ND	202	101	200	0.642	
DRO >C10-C28	30,8	10.0	06/23/2016	ND	213	107	200	0.0404	
Surrogate: 1-Chlorooctane	79.6	% 35-147	,						
Surrogate: 1-Chlorooctadecane	76.9	% 28-171	I Contraction of the second						

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Celez D. Kune



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Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32.521780,-103.524648		

Sample ID: S-4 0' (H601357-10)

BTEX 8021B	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	06/27/2016	ND	1,95	97.3	2.00	0,960	
Toluene*	1,71	0.200	06/27/2016	ND	1.83	91,6	2.00	1.23	
Ethylbenzene*	1,92	0,200	06/27/2016	ND	1.73	86.5	2,00	1.29	
Total Xylenes*	7.32	0.600	06/27/2016	ND	5,32	88.7	6.00	1,25	
Total BTEX	11,1	1.20	06/27/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID 107 % 73.6-140

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16,0	06/22/2016	ND	400	100	400	0.00	
TPH 8015M mg/kg		/kg	Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GR0 C6-C10	392	10,0	06/23/2016	ND	219	110	200	1.46	
DRO >C10-C28	2780	10.0	06/23/2016	ND	225	113	200	1,77	
Surrogate: 1-Chlorooctane	152	% 35-147							alaa a = 7.87
Surrogate: I-Chloroociadecane	122	% 28-171							

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Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soll
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32,521780,-103.524648		

Sample ID: S-4 1' (H601357-11)

BTEX 8021B	mg/kg		Analyzed By: MS				1000-000 U		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	106	5.00	06/27/2016	ND	1,95	97.3	2,00	0,960	
Toluene*	382	5.00	06/27/2016	ND	1,83	91,6	2.00	1,23	
Ethylbenzene*	107	5,00	06/27/2016	ND	1.73	86,5	2,00	1.29	
Total Xylenes*	332	15.0	06/27/2016	ND	5,32	88.7	6.00	1,25	
Total BTEX	927	30.0	06/27/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL 103 % 73.6-140 5-06 mg/kg Analyzed By: MS TPH 8015M RPD Qualifier Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC Analyte 200 1.46 GRO C6-C10 9700 50,0 06/23/2016 NÐ 219 11006/23/2016 225 113 200 1.77 DRO >C10-C28 12800 50.0 ND 709 % 35-147 Surrogate: 1-Chlorooctane

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Surrogate: 1-Chlorooctadecane

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Celleg & Kerne

223 %

28-171



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Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32,521780,-103,524648		

Sample ID: S-4 2' (H601357-12)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	44.3	5.00	06/27/2016	ND	1,95	97.3	2,00	0,960	
Toluene*	180	5.00	06/27/2016	ND	1.83	91,6	2.00	1,23	
Ethylbenzene*	58 .9	5,00	06/27/2016	ND	1.73	86.5	2,00	1.29	
Total Xylenes*	188	15.0	06/27/2016	ND	5,32	88.7	6.00	1,25	
Total BTEX	471	30.0	06/27/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL) TPH 8015M	701 ; mg,			d By: MS					S-06
Analyte	Result	Reporting Limit	Anaiyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	6370	50.0	06/23/2016	ND	219	110	200	1.46	
DRO >C10-C28	9950	50,0	06/23/2016	ND	225	113	200	1.77	
DRO >C10-C28	9950 512		, _,	ND	225	113	200	1.//	

Surrogate: 1-Chlorooctadecane 219 % 28-171

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Celeg D. Keine



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Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soll
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32.521780103.524648		

Sample ID: S-4 3' (H601357-13)

mg/	mg/kg		Analyzed By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
0,106	0.050	06/27/2016	ND	1,95	97.3	2.00	0.960	
0.202	0.050	06/27/2016	ND	1.83	91.6	2.00	1.23	
<0.050	0.050	06/27/2016	ND	1.73	86.5	2,00	1,29	
<0.150	0,150	06/27/2016	ND	5,32	88.7	6.00	1,25	
0.308	0,300	06/27/2016	ND					
-	Result 0,106 0,202 <0.050 <0,150	Result Reporting Limit 0.106 0.050 0.202 0.050 <0.050	Result Reporting Limit Analyzed 0.106 0.050 06/27/2016 0.202 0.050 06/27/2016 <0.050	Result Reporting Limit Analyzed Method Blank 0,106 0.050 06/27/2016 ND 0,202 0,050 06/27/2016 ND <0.050	Result Reporting Limit Analyzed Method Blank BS 0,106 0.050 06/27/2016 ND 1.95 0,202 0,050 06/27/2016 ND 1.83 <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery 0.106 0.050 06/27/2016 ND 1.95 97.3 0.202 0.050 06/27/2016 ND 1.83 91.6 <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 0.106 0.050 06/27/2016 ND 1.95 97.3 2.00 0.202 0.050 06/27/2016 ND 1.83 91.6 2.00 <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 0.106 0.050 06/27/2016 ND 1.95 97.3 2.00 0.960 0.202 0.050 06/27/2016 ND 1.83 91.6 2.00 1.23 <0.050

Surrogate: 4-Bromofluorobenzene (PID) TPH 8015M	98.0 mg,		Analyze	đ By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/23/2016	ND	219	110	200	1.46	
DRO >C10-C28	<10.0	10,0	06/23/2016	ND	225	113	200	1.77	

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Surrogate: 1-Chlorooctadecane

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Celeg D Kune-

Celey D. Keene, Lab Director/Quality Manager

97.4%

28-171



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Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32,521780,-103,524648		

Sample ID: S-4 4' (H601357-14)

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	06/27/2016	ND	1.95	97.3	2.00	0.960	
Toluene*	<0.050	0.050	06/27/2016	ND	1.83	91,6	2.00	1,23	
Ethylbenzene*	<0,050	0.050	06/27/2016	ND	1.73	86.5	2.00	1.29	
Total Xylenes*	<0.150	0.150	06/27/2016	ND	5.32	88.7	6.00	1.25	
Total BTEX	<0,300	0,300	06/27/2016	ND					
									·····

Surrogate: 4-Bromofluorobenzene (PID	98.7	% 73.6-14	0						
TPH 801SM	nıg	/kg	Analyze	d By: M5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/23/2016	ND	189	94.5	200	7.04	
DRO >C10-C28	<10,0	10.0	06/23/2016	ND	185	92.4	200	8,20	·
Surrogate: 1-Chlorooctane	95,7	% 35-147	7						

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Surrogate: 1-Chlorooctadecane

96.5 %

28-171

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Received:	06/22/2016	Sampling Date:	06/21/2016
Reported:	06/28/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Celey D. Keene
Project Location:	32,521780,-103,524648		

Sample ID: S-4 5' REFUSAL (H601357-15)

BTEX 8021B mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Benzene* 0.135 0.050 06/27/2016 ND 1.95 97,3 2,00 0.960 Toluene* 0.930 0.050 06/27/2016 ND 1.83 2.00 1.23 91.6 Ethylbenzene* 0.465 0.050 06/27/2016 ND 1.73 86.5 2.00 1.29 **Total Xylenes*** 1,61 0.150 06/27/2016 ND 5,32 88.7 6.00 1.25 **Total BTEX** 3.14 0,300 06/27/2016 ND

Surrogate: 4-Bromofluorobenzene (PIL	99 .7	% 73.6-140)					
трн 8015м	mg,	/kg	Analyze	d By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	
GR0 C6-C10	12,4	10.0	06/23/2016	ND	189	94.5	200	
DR0 >C10-C28	79.3	10,0	06/23/2016	ND	185	92,4	200	

35-147

28-171

89,3 %

97.7 %

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Surrogate: I-Chlorooctane

Surrogate: 1-Chlorooctadecane

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Qualifier

RPD 7.04 8,20

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Celeg Di Kene



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.
QM-4X	The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
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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Celey D. Kung-

FAX (575) 393-2476 V.e. State: NIM ZIP: 8821 Fax #: 575-746-8905 Geo () () () () Sole I.D. () () () Go () ()	#757		Sampler - UPS - Bus - Other:
Tablen/IPE BILT TO ANALYSIS 5. HH-Ch/Clifk Seate: NM Zin: 88210 Address: Company: Taion/LPE Address: 4.6-8768 Fax #: 575-746-8805 Address: Address: Address: Address: 3.2, 72.17.89 Fax #: 575-746-8805 Address: Phone #: Phone #: <th>KED BY:</th> <th></th> <th>Delivered By: (Circle One)</th>	KED BY:		Delivered By: (Circle One)
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† Cardinal cannot accept verbal changes. Please fax written changes to (575) 33

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Laboratories

Project Manager: C. H. H. C. C. (2011) E. O. # Objer: Company: Tallorf.L.P.E. Company: Tallorf.L.P.E. Objer: Fraget: State: NUT. & B.8210 Attrins: Tallorf.L.P.E. State: Fraget: State: NUT. & B.8210 Attrins: Tallorf.L.P.E. Project Marce: 575-746-8905 Address: Tallorf.L.P.E. State: Tallorf.L.P.E. Project Marce: 27-0271 State: Nutrix: Fraze # Fraze # Project Marce: 27-0271 C. H.H. C. (2004) State: Fraze # Fraze # Sampler Name: 5. H.H.C. (2004) State: Fraze # Fraze # Fraze # sampler Name: 5. H.H.C. (2004) State: Fraze # Fraze #

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



September 14, 2016 SHELDON HITCHCOCK TALON LPE 408 W. TEXAS AVE. ARTESIA, NM 88210

RE: LYNCH STATION

Enclosed are the results of analyses for samples received by the laboratory on 09/13/16 12:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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.

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

Celey D. Keene Lab Director/Quality Manager



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

Received:	09/13/2016	Sampling Date:	09/13/2016
Reported:	09/14/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Jodi Henson
Project Location:	32.521780103.524648		

Sample ID: S-1 2' (H602044-01)

BTEX 8021B	mg	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2016	ND	2.06	103	2.00	4.53	
Toluene*	<0.050	0.050	09/14/2016	ND	2.02	101	2.00	3,31	
Ethylbenzene*	<0.050	0.050	09/14/2016	ND	1.96	98.2	2.00	3.25	
Total Xylenes*	<0.150	0.150	09/14/2016	ND	5.97	99.5	6.00	3.05	
Total BTEX	<0.300	0.300	09/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE 99.0 % 73.6-140

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/13/2016	ND	193	96.7	200	0.0781	
DRO >C10-C28	<10.0	10.0	09/13/2016	ND	196	97.8	200	1,72	
Surrogate: 1-Chlorooctane	64.0	% 35-147							
Surrogate: 1-Chlorooctadecane	74.7	% 28-171							

Cardinal Laboratories

*=Accredited Analyte

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

Received:	09/13/2016	Sampling Date:	09/13/2016
Reported:	09/14/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Jodi Henson
Project Location:	32.521780103.524648		

Sample ID: S-2 2' (H602044-02)

BTEX 8021B	mg	/kg	Analyze	d By: M5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.249	0,100	09/14/2016	ND	2.06	103	2.00	4,53	
Toluene*	2,42	0.100	09/14/2016	ND	2.02	101	2.00	3.31	
Ethylbenzene*	1,86	0,100	09/14/2016	ND	1.96	98,2	2,00	3.25	
Total Xylenes*	6.38	0.300	09/14/2016	ND	5 <i>.</i> 97	99.5	6.00	3,05	
Total BTEX	10,9	0,600	09/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL	115 %	6 73.6-14	0						
TPH 8015M	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Anatyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	137	10.0	09/13/2016	ND	193	96.7	200	0.0781	
DRO >C10-C28	9800	10.0	09/13/2016	ND	196	97.8	200	1.72	
Surrogate: 1-Chlorooctane	1169	6 35-147							
Surrogate: 1-Chlorooctadecane	346 %	6 28-171							

Cardinal Laboratories

*=Accredited Analyte

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

Received:	09/13/2016	Sampling Date:	09/13/2016
Reported:	09/14/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Jodi Henson
Project Location:	32.521780103.524648		

Sample ID: S-3 1.5' (H602044-03)

ВТЕХ 8021В	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	09/14/2016	ND	2.06	103	2.00	4.53	
Toluene*	<0.050	0,050	09/14/2016	ND	2.02	101	2,00	3.31	
Ethylbenzene*	0.066	0.050	09/14/2016	ND	1.96	98.2	2,00	3,25	
Total Xylenes*	0,295	0,150	09/14/2016	ND	5,97	99.5	6.00	3.05	
Total BTEX	0.361	0,300	09/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL 99.7 % 73.6-140 mg/kg TPH 8015M Analyzed By: MS Qualifier Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC **R**PD 0.0781 GRO C6-C10 <10.0 10.0 09/13/2016 ND 193 96.7 200 2250 09/13/2016 196 97,8 200 1.72 DRO >C10-C28 10.0 ND 35-147 Surrogate: 1-Chlorooctane 92.1 %

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Surrogate: 1-Chlorooctadecane

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Celeg Di Keine

Celey D. Keene, Lab Director/Quality Manager

145 %

28-171



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

Received:	09/13/2016	Sampling Date:	09/13/2016
Reported:	09/14/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Jodi Henson
Project Location:	32.521780103.524648		

Sample ID: S-4 5' (H602044-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	09/14/2016	ND	2.06	103	2,00	4.53	
Toluene*	0.241	0.100	09/14/2016	ND	2.02	101	2,00	3,31	
Ethylbenzene*	<0,100	0.100	09/14/2016	ND	1.96	98.2	2.00	3.25	
Total Xylenes*	11. 0	0,300	09/14/2016	ND	5.97	99.5	6,00	3,05	
Total BTEX	11.2	0.600	09/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL	123	% 73.6-14	0						
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	₿S	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	139	10.0	09/13/2016	ND	193	96.7	200	0.0781	
DRO >C10-C28	4220	10.0	09/13/2016	ND	196	97.8	200	1.72	
Surrogate: 1-Chlorooctane	101	% 35-147	1						
Surrogate: 1-Chlorooctadecane	159	% 28-171	1						

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aleg D. Kene



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Received:	09/13/2016	Sampling Date:	09/13/2016
Reported:	09/14/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Jodi Henson
Project Location:	32.521780103.524648		

Sample ID: S-5 (H602044-05)

BTEX 8021B	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2016	ND	2.06	103	2.00	4,53	
Toluene*	<0.050	0.050	09/14/2016	ND	2.02	101	2.00	3.31	
Ethylbenzene*	<0.050	0.050	09/14/2016	ND	1.96	98.2	2.00	3.25	
Total Xylenes*	<0.150	0.150	09/14/2016	ND	5,97	99.5	6.00	3.05	
Total BTEX	<0.300	0.300	09/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL	101 5	% 73.6-14	0						
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/14/2016	ND	205	102	200	4.27	
DRO >C10-C28	<10.0	10.0	09/14/2016	ND	220	110	200	9.53	
Surrogate: 1-Chlorooctane	95.3	% 35-147	7						
Surrogate: I-Chlorooctadecane	98.6	% 28-17	l						

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Celeg D. Keene-



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

Received:	09/13/2016	Sampling Date:	09/13/2016
Reported:	09/14/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Jodi Henson
Project Location:	32,521780103.524648		

Sample ID: S-6 (H602044-06)

BTEX 8021B	mg,	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2016	ND	1.91	95.4	2.00	0.938	
Toluene*	<0.050	0.050	09/14/2016	ND	1,94	96,9	2.00	1.74	
Ethylbenzene*	<0,050	0,050	09/14/2016	ND	1.88	94.2	2.00	2.14	
Total Xylenes*	<0.150	0.150	09/14/2016	ND	5.75	95.9	6.00	1.98	
Total BTEX	<0.300	0.300	09/14/2016	ND					

TPH 8015M	mg/kg		Analyzed By: MS					•	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/14/2016	ND	205	102	200	4.27	
DRO >C10-C28	<10.0	10.0	09/14/2016	ND	220	110	200	9,53	
Surrogate: 1-Chlorooctane	93.0	% 35-147	7						

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Surrogate: 1-Chlorooctadecane

93.2 %

28-171

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Received:	09/13/2016	Sampling Date:	09/13/2016
Reported:	09/14/2016	Sampling Type:	Soll
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Jodi Henson
Project Location:	32.521780,-103.524648		

Sample ID: S-7 (H602044-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	ßS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0,050	09/14/2016	ND	1.91	95.4	2,00	0,938	
Toluene*	<0.050	0.050	09/14/2016	ND	1.94	96.9	2.00	1.74	
Ethylbenzene*	<0.050	0,050	09/14/2016	ND	1.88	94.2	2.00	2,14	
Total Xylenes*	<0.150	0.150	09/14/2016	ND	5,75	95.9	6.00	1.98	
Total BTEX	<0,300	0.300	09/14/2016	ND					
Surrogate: 4-Bromofluorobenzene (P.	IL 98,3	% 73.6-14	10						
- митоgaie; 4-втотојниоговенzене (1'.	נ, אי עו	70 / 5.0-14	U						

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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	09/14/2016	ND	205	102	200	4,27	
DRO >C10-C28	<10.0	10.0	09/14/2016	ND	220	110	200	9.53	
Surrogate: 1-Chlorooctane	89,7	% 35-147	1						

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Surrogate: 1-Chlorooctadecane

95.9%

28-171

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

Received:	09/13/2016	Sampling Date:	09/13/2016
Reported:	09/14/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Jodí Henson
Project Location:	32,521780,-103.524648		

Sample ID: S-8 (H602044-08)

BTEX 80218	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	09/14/2016	ND	1.91	95.4	2,00	0.938	
Toluene*	<0,050	0.050	09/14/2016	ND	1,94	96,9	2.00	1.74	
Ethylbenzene*	<0,050	0.050	09/14/2016	ND	1.88	94.2	2,00	2.14	
Total Xylenes*	<0.150	0,150	09/14/2016	ND	5,75	95.9	6,00	1,98	
Total BTEX	<0,300	0.300	09/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIC 99.4 % 73.6-140 Analyzed By: MS TPH 8015M mg/kg Qualifier BS True Value QC RPD Analyte Result Reporting Limit Analyzed Method Blank % Recovery 200 4.27 09/14/2016 205 102 GRO C6-C10 <10.0 10,0 ND 200 9,53 <10.0 10.0 09/14/2016 ND 220 110 DRO >C10-C28 35-147 Surrogate: 1-Chlorooctane 84.1 %

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Surrogate: 1-Chlorooctadecane

89.2 %

28-171

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Received:	09/13/2016	Sampling Date:	09/13/2016
Reported:	09/14/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Jodi Henson
Project Location:	32.521780103.524648		

Sample ID: S-9 (H602044-09)

BTEX 8021B	mg,	/kg	Analyze	d 8y: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/14/2016	ND	1,91	95.4	2.00	0.938	
Toluene*	<0,050	0.050	09/14/2016	ND	1.94	96.9	2.00	1.74	
Ethylbenzene*	<0.050	0.050	09/14/2016	ND	1.88	94,2	2,00	2,14	
Total Xylenes*	<0.150	0,150	09/14/2016	ND	5.75	95.9	6.00	1.98	
Total BTEX	<0,300	0.300	09/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL	98.4	% 73.6-14	0						
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	09/14/2016	ND	205	102	200	4.27	
DRO >C10-C28	<10.0	10.0	09/14/2016	ND	220	110	200	9,53	
Surrogate: I-Chlorooctane	91.7	% 35-147							
Surrogate: 1-Chlorooctadecane	94.5	% 28-171							

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

Received:	09/13/2016	Sampling Date:	09/13/2016
Reported:	09/14/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	** (See Notes)
Project Number:	702034.004.01	Sample Received By:	Jodi Henson
Project Location:	32.521780103.524648		

Sample ID: S-10 (H602044-10)

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	09/14/2016	ND	1.91	95.4	2.00	0.938	
Toluene*	<0.050	0,050	09/14/2016	ND	1,94	96,9	2,00	1.74	
Ethylbenzene*	<0,050	0.050	09/14/2016	ND	1,88	94.2	2.00	2.14	
Total Xylenes*	<0.150	0,150	09/14/2016	ND	5.75	95.9	6.00	1.98	
Total BTEX	<0,300	0,300	09/14/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIE	99.8 %	6 73.6-146)						
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	09/14/2016	ND	205	102	200	4.27	
DRO >C10-C28	1480	10.0	09/14/2016	ND	220	110	200	9.53	
Surrogate: 1-Chlorooctane	92.69	6 35-147							
Surrogate: 1-Chlorooctadecane	165 %	6 28-171							

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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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Celeg D. Kune

T Cartuinal cannot accept verbal changes. Please fax written changes to (575) 392 1326		Time:	Ture Ture 2:00	quential damages, including w	indinal's bability and cleans ligence and any other cau	1 ·	5~9	7	2 C C C C C C C C C C C C C C C C C C C			2 1	<u> </u>	Lab I.D. Sample I.D.			Sampler Name: 5 (HIT OC COCK		Ynen Stati	Project #: Project Owner:	Phone #: 5/5-/46-8768 Fax #: 575-746-8905	State: NM	Address: 408 W. Texas Ave.	rivjeci manager: 5, Hitch co ch		19 6	
1x written changes to (575) 392-2326	Sample Condition CHECKED BY: Cool Intact: Utimake Ves D Yes Who No No No	Neverved by:	adi Slenson	hond, inhibitor, business interruptions, bas of use, or one or one or universe in supported trail regardiser, of whether such damin is based upon aim of the above stated reactors or otherware. Renof-transf.	Nother Sage								UNA SO OIL SLI OT AC		ERS ATER ER	MATRIX PRESERV	Fax #:	Phone #		Acc	746-8905 Address:	0 Attn:	Company: Talor	P.O. #:	() = 1/3 = 1/3	240 6	
C	to lab. AA	Rush directu	Phone Result	n ser - universite in the applicable by clear, is subjective, id registers or observate.			10:02/ 20:04/1	11 18:17 / / 11:84	1/21/6///	1/22:04:01	11 40:15 / / /	16 1235 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	JTIME 1	- ₽ ₩ \T БХ		SAMPLING									ANAI VSIC		SIMIT-OF-CUSTODT AND ANALYSIS REQUEST

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September 21, 2016

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE,

ARTESIA, NM 88210

RE: LYNCH STATION

Enclosed are the results of analyses for samples received by the laboratory on 09/20/16 9:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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.

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. 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:	09/20/2016	Sampling Date:	09/19/2016
Reported:	09/21/2016	Sampling Type:	Soil
Project Name:	LYNCH STATION	Sampling Condition:	Cool & Intact
Project Number:	702034.004.01	Sample Received By:	Jodi Henson
Project Location:	32.521780103.524648		

Sample ID: S-2 2.5' (H602091-01)

BTEX 80218	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	09/20/2016	ND	1.95	97.5	2.00	4.78	
Toluene*	0.258	0.050	09/20/2016	ND	1.98	99.1	2.00	5.01	
Ethylbenzene*	0.489	0.050	09/20/2016	ND	1,89	94.6	2.00	5,15	
Total Xylenes*	1.79	0.150	09/20/2016	ND	5.67	94.6	6.00	5.01	
Total BTEX	2.53 0.300		09/20/2016	ND					

Surrogate: 4-Bromofluorobenzene (PIL 115 % 73.6-140

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	09/20/2016	ND	195	97.6	200	1.06	
DR0 >C10-C28	134	10.0	09/20/2016	ND	207	103	200	0.408	
Surrogate: 1-Chlorooctane	86.1	% 35-147	,						

Surrogate: 1-Chlorooctadecane 99.9 % 28-171

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Cellez D. Kune



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,
-	Chioride 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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