

Linn Energy Turner B #44

CLOSURE REPORT

BLM Event #NU13059TG

API No. 30-015-505311

2RP-1488

Release Date: 2/17/2012

Unit Letter N, Section 20, Township 17 South, Range 31 East

May 15, 2014

Prepared by:

Environmental Department Diversified Field Service, Inc. 3412 N. Dal Paso Hobbs, NM 88240 Phone: (575)964-8394

Fax: (575)393-8396

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Turner B #44

1 Introduction

Linn Energy (Linn) has retained Diversified Field Service, Inc. (DFSI) to address environmental issues for the site detailed herein.

The site is located southwest of Maljamar NM, Unit letter 'N', sec. 20, T17S R31E, in Eddy County. The leak resulted from a buried 2" injection line, whereby 64 bbls of produced water traversed into pasture area. There was an impact to pasture area of approximately 6,951 sq. ft. (Figure).

A form C-141 was submitted to the NMOCD on January14, 2013 (RP-1488). (Appendix I)

2 SITE ACTIVITIES

On August 26, 2013 DFSI personnel were on site to assess the leak area. The area had been previously excavated by a former contractor to prevent further impact and repair injection line as can be seen in photos. Furthermore sidewall and bottom confirmation samples were submitted to a commercial laboratory (AppendixVI).

On September 04, 2013 DFSI personnel revisited the site and established five sample points, and collected surface soil samples. Using a hand auger and Mini RAE Photoionization Detector (PID), the site was delineated at 1ft. bgs. intervals until Chloride analyses returned acceptable levels. However at SP1, 13ft. bgs. auger refusal was encountered, Chlorides returned at 1949 mg/kg, therefore a soil bore was arranged. The samples were submitted to a commercial laboratory for chloride, TPH, and BTEX analyses (Appendix IV).

Photographs of site activities can be viewed in Appendix II.

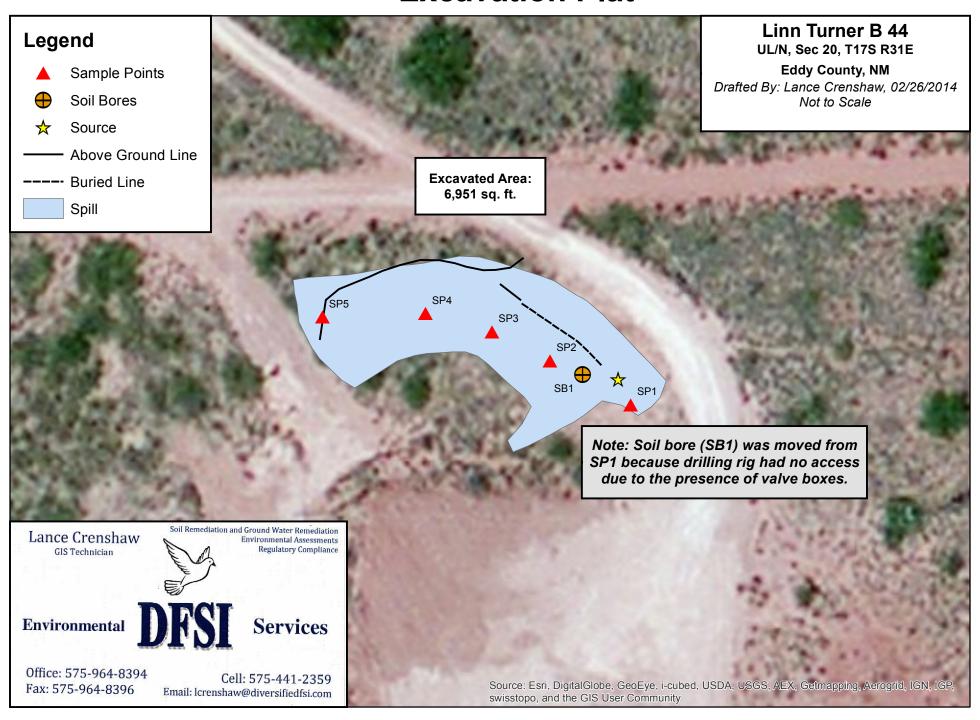
On February 17, 2014 a soil bore representative sample was retrieved and sent to a commercial laboratory for analysis of chlorides, GRO, DRO, and BTEX. At 35 ft. bgs. the lab returned results of chlorides at 560 mg/kg all other constituents were non detect.

On March 05, 2014 DFSI personnel revisited the site to further delineate sample points 2 thru 5 respectively. At depths of 2 to 3 ft. bgs. chlorides returned at levels below 275 mg/kg. On March 07, 2014 DFSI submitted a request to NMOCD and NM BLM to line the excavation at 4 ft. bgs. with a 20 mil liner, and backfill with clean topsoil, blend, till and seed. On March 25, 2014 the excavation was backfilled with imported topsoil and the site was contoured to the surrounding landscape. DFSI personnel then seeded with 100 lbs. of native vegetation seed mix per BLM requirements (Appendix V).

3 CONCLUSION

According to the U.S. Geological Survey and the NM Office of the State Engineer, there were no records of groundwater in the immediate vicinity, however depth to groundwater in the area averages greater than 220 ft. bgs (Appendix III). Based on the removal of soils containing elevated chloride and visual staining at the site, DFSI, on behalf of Linn, submits the final form C-141 (Appendix VII), and respectfully requests the closure of the regulatory file for the site.

Excavation Plat



District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr. Santa Fe. NM 87505 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico

Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.

DEC 27 2012
Submit 1 Copy to appropriate District Office in accordance with 19,15,29 NMAC Santa Fe. NM 87505

RECEIVED

Form C-141 Revised October 10, 2003

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number	3014	53324)				OPERA?	ror	\boxtimes	Initial	l Report	☐ F	inal Report	
Name of Co	mpany: L	inn Operatin	g 20	093	24	(Contact: Jos	e Hernandez	· · · · · · · · · · · · · · · · · · ·					
		nder Hobbs	, NM 882	240				No.: 575-738-17	39					
Facility Nar	ne: Turnei	r B # 44	,			Facility Type: Injection								
Surface Ow	ner: Feder	al	,	. Mi	neral C	wner: I	ederal		A	PI No.	: 3001505	311		
-				I	OCA	TION	OF REI	EASE		<u>.</u>			-	
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	•		Latitu	de: 32.8	i		_	e: -103.8937675	541586					
Type of Relea	rest Produc	od Water			NAI	Volume of Release: 64 bbis Volume Recovered: 0								
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		·					12/17/2012	2 <u>pm</u>			2:30pm			
Was Immedia	ite Notice C		Yes 🗌	No 🔲	Not Re	quired	If YES, To M. Bratche	Whom? r- NM OCD Tei	rry Gregstor	1-BLM				
By Whom? Jo	se Hernand	lez					Date and H	our 12/18/2012 1	0am					
Was a Watero	Was a Watercourse Reached? ☐ Yes ☒ No						If YES, Vo	lume Impacting tl	ie Watercou	irse.				
If a Watercou	rse was Im	pacted. Descri	he Fully.*	·										
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regulations all public health of should their or	operators a or the enviro perations ha ment. In ad	are required to connent. The eve failed to a ddition, NMO	report and acceptance lequately i CD accepta	l/or file ce of a C-14 nvestigate	rtain re I report and re	lease no t by the mediate	tifications an NMOCD ma contamination	nowledge and und perform correct rked as "Final Re in that pose a threathe operator of re	ive actions : port" does r at to ground	for relea not relie water,	ses which in we the oper- surface wat	may enda ator of lia ter, huma	nger bility n health	
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Title: Producti	on Foremar	1				A	pproval Dute	AN 14 20	13 Expir	ation D	ate:			
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Attach Additi				44-743 <u>7</u>				iation per OC SUBMIT REN			2RP	-148	8	

Linn Energy Turner B #044

Unit Letter N, Section 20, T17S R31E



Sign marking location and spill area 9/14/13



Spill location and excavation southwest corner 9/4/13



Previously excavated 8/28/13



Drilling soil bore 2/17/14

Linn Energy Turner B #044

Unit Letter N, Section 20, T17S R31E



Installation of liner 3/18/14



Tilled and seeded area 4/3/14



Backfill of lined area 3/18/14



Site at completion 4/3/14

GROUND WATER SEARCH

Linn Energy Turner B #44

UL:	Sec:		K:	316
Groundwa	ter Depth:	220~	ft.	
 = NM Office of the = U.S. Geological S = Site Location 	e State Engineer Survey (unknown well)			Date: 05/14/2014 By: Rebecca Pons
			651, 2601	
		288'●	• • • • • • • • • • • • • • • • • • •	65'
	16S 30E	314' 16S 31E 295		15' '
			•221' •20	
		×	•132'	
	.17S 30E	17S 31E	17S 32E	
	80'		• 81'	
			•65' •430'	
	18S 30E	18S 31E	18S 32E	
	44'		460'	



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

No records found.

PLSS Search:

Township: 16S Range: 30E



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-		Q	Q	Q						Depth		
POD Number	Code		County	64						X 602954	Y 3646955* ◎	Well	Water	Column
L 03435		L	LE		1	1	05	16\$	SIE	002954		Noun's Calebra		
L 03852	R	L	LE	2	2	2	14	16S	31E	609126	3643913* 🥮	370	314	56
L 03852 POD4		L	LE	3	4	3	13	168	31E	609744	3642516*	333	299	34
L 03852 POD5		L	LE		3	2	13	16S	31E	610238	3643427* 🍪	328	295	33
L 03852 X	R	L	LE	4	4	4	13	16S	31E	610749	3642526* 🎒	333	299	34
L 03852 X2		L	LE	3	2	2	13	165	31E	610535	3643733* 🍣	330	287	43
L 04671		Ĺ	LE	1	1	2	12	168	31E	610114	3645538* 🍪	340	288	52
L 10203		L	LE	4	4	3	14	168	31E	608334	3642495* 🍪	310		
L 10206		L	LE		2	2	23	168	31E	609045	3642204* 🌍	280		

Average Depth to Water: 297 feet

Minimum Depth: 287 feet

Maximum Depth: 314 feet

Record Count: 9

PLSS Search:

Township: 16S

Range: 31E

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

and no longer serves this file, C=the file is closed)

Code Grant

County POD Number

LE L 03435

0 LOWE DRILLING COMPANY

basin Use Diversion Owner

WR File Nbr

(R=POD has been replaced

(quarters are smallest to largest) (NAD83 UTM in meters)

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

Source 6416 4 Sec Tws Rng Shallow 1 1 05 16S 31E

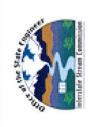
602954 3646955*

Record Count: 1

POD Search:

POD Number: L 03435

Sorted by: File Number



Active & Inactive Points of Diversion

(with Ownership Information)

		rs)		>	3*	*9	*_	92	*9	* *
		in mete			3643913*	3642516*	3643427*	3643476	3642526*	3643733* 🤞
ĺ	1=SE)	(quarters are smallest to largest) (NAD83 UTM in meters)		×	609126	609744	610238	610390	610749	610535
L	=NE 3=SW	t to largest)		Source 6416 4 Sec Tws Rng	16S 31E	Shallow 3 4 3 13 16S 31E	16S 31E	16S 31E	Shallow 4 4 4 13 16S 31E	Shallow 3 2 2 13 16S 31E
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	(dnarre	(quarte		Source	Shallow 2 2 2 14 16S	Shallow	Shallow		Shallow	Shallow
(R=POD has been replaced	and no longer serves this file, (quarters are 1=NW Z=NE 3=SW 4=SE)	C=the file is closed)		Code Grant	Œ		ш		Œ	
				County POD Number	LE <u>L 03852</u>	LE L 03852 POD4	LE <u>L 03852 POD5</u>	LE <u>L 03852 POD6</u>	LE <u>L 03852 X</u>	LE <u>L 03852 X2</u>
		(acre ft per annum)		basin Use Diversion Owner	MUN 375 CITY OF CARLSBAD					
		(acı	Sub	basin Use I	L MUN					

WR File Nbr L 03852 Record Count: 6

POD Search:

POD Number: L 03852

Sorted by: File Number

*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, completen reliability, usability, or suitability for any particular purpose of the data.

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced

C=the file is closed)

(acre ft per annum)

basin Use Diversion Owner

WR File Nbr L 04671

0 JOHN H. TRIGG

County POD Number

LE L 04671

Code Grant

(quarters are smallest to largest) (NAD83 UTM in meters) and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) q q q Source 64164 Sec Tws Rng

610114 3645538* 4 Shallow 1 1 2 12 16S 31E

Record Count: 1

POD Search:

POD Number: L 04671

Sorted by: File Number



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)

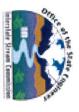
(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

water right file.)	ciosea) (quart	CIS	aic	Jina	11031 10	largoot	(1111000	0 1 111 111 1110 101 0 7			•
	POD											0
	Sub-		Q		7	_	_	v	V	5 1		Water Column
POD Number	Code basin Cou							X	Y	308	215	93
L 02381	L LI	E	,	3 1	13	16S	32E	619086	3643515*	300	215	33
L 02434	L LI	E			01	168	32E	619661	3646531*	337		
L 02449	L LI	E			01	16S	32E	619661	3646531* 🧼	330	265	65
L 02617	L L	E		4 4	02	168	32E	618656	3645924* 🍑	322	270	52
L 02752	L L	E		1 3	26	168	32E	617521	3639880* 🍑	324	280	44
L 02846	L L	E	4	2 1	11	16S	32E	617956	3645413* 🍑	328	275	53
L 02954	L L	E		2 4	1 03	16S	32E	617043	3646310*	120	65	55
L 02993	L L	E.	3	3 2	2 15	16S	32E	616572	3643391* 🌍	100		
L 03631	L L	E.		1 2	2 02	16S	32E	618240	3647126*	315	250	65
L 04930	L L	E.			1 23	16S	32E	617698	3642092*	307	210	97
L 05494	L L	E.			36	16S	32E	619758	3638489* 🌍	303	200	103
L 06557	L L	E.		1	4 21	16S	32E	615089	3641466* 🍪	295	210	85
L 06807	L L	E	1	4	4 09	168	32E	615356	3644383* 🌍	290	248	42
L 07823	L L	E.	2	2	2 16	168	32E	615561	3643981* 🌍	269	247	22
L 08084	L l	_E	1	1	1 16	168	32E	614157	3643970*	317	260	57
L 08084 POD4	L I	LE			2 2	168	32E	618522	3640492*	303	233	70
L 08084 POD5	L I	LE	4	1	4 2	6 165	32E	618425	3639788*	296	165	131
L 08084 S3	L	LE			2 2	6 165	32E	618522	3640492*	305	205	100
L 08241	L	LE		4	4 0	2 168	32E	618656	3645924* 🍑	316		
L 10204	L	LE	4	2	2 0	4 169	32E	615524	3646993* 🍣	319		
L 10205	L	LE		4	1 0	8 169	32E	613038	3645066* 🍣	330	1	
L 11189	L	LE	1	1	4 0	4 168	32E	614932	3646391* 🧼	350)	

^{*}UTM location was derived from PLSS - see Help



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

basin Use Diversion Owner

L 02381 WR File Nbr

Record Count: 1

POD Search:

POD Number: L 02381

Sorted by: File Number

0 GULF REFINING COMPANY

County POD Number

Code Grant

LE L 02381

(R=POD has been replaced (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng

Shallow 3 1 13 16S 32E

and no longer serves this file, C=the file is closed)

619086 3643515*

*UTM location was derived from PLSS - see Help

reliability, usability, or suitability for any particular purpose of the data. 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, completent

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Page 1 of 1



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

Sub

basin Use Diversion Owner

0 PLYMOUTH OIL COMPANY

Record Count: 1

POD Search:

POD Number: L 02449

Sorted by: File Number

L 02449 WR File Nbr

L PRO

County POD Number

Code Grant

C=the file is closed)

and no longer serves this file, (R=POD has been replaced (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng Shallow 01 16S 32E

619661 3646531*

*UTM location was derived from PLSS - see Help

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Page 1 of 1



Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced

(acre ft per annum)

basin Use Diversion Owner Sub

0 GULF OIL CORPORATION

PRO

L 02617 WR File Nbr

County POD Number

Code Grant

C=the file is closed)

and no longer serves this file, (quarters are smallest to largest) (NAD83 UTM in meters)

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

Source 6416 4 Sec Tws Rng

Shallow 4 4 02 16S 32E

618656 3645924*

Record Count: 1

POD Search:

POD Number: L 02617

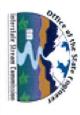
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*UTM location was derived from PLSS - see Help

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Page 1 of 1



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

basin Use Diversion Owner

County POD Number L 02752

Code Grant

3 W W WILLIAMS

Sub

and no longer serves this file, C=the file is closed) (R=POD has been replaced

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng

Shallow 1 3 26 16S 32E

617521 3639880*

Record Count: 1

L 02752 WR File Nbr

POD Search:

POD Number: L 02752

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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Page 1 of 1



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

and no longer serves this file, (R=POD has been replaced

C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng

Shallow 4 2 1 11 16S 32E

617956 3645413*

Record Count: 1

L 02846

L PRO

0 CONTINENTAL OIL COMPANY

County POD Number

Code Grant

WR File Nbr

basin Use Diversion Owner

Sub

POD Search:

POD Number: L 02846

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

basin Use Diversion Owner

PRO

0 SCHOENFELD-HUNTER-KITCH DRG

County POD Number LE L 02954

Code Grant

Sub

and no longer serves this file, C=the file is closed) (R=POD has been replaced

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

(quarters are smallest to largest) (NAD83 UTM in meters)

Shallow Source 6416 4 Sec Tws Rng

2 4 03 16S 32E

617043 3646310*

Record Count: 1

L 02954 WR File Nbr

POD Search:

POD Number: L 02954

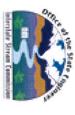
Sorted by: File Number

*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, completen reliability, usability, or suitability for any particular purpose of the data.

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Page 1 of 1



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

Sub

WR File Nbr L 03631

basin Use Diversion Owner

PRO

0 MAGNOLIA PETROLEUM COMPANY

County POD Number LE L 03631

Code Grant

and no longer serves this file, (R=POD has been replaced

C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng

1 2 02 16S 32E

Shallow

618240 3647126*

Record Count: 1

POD Search:

POD Number: L 03631

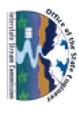
Sorted by: File Number

*UTM location was derived from PLSS - see Help

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Page 1 of 1



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

Sub

basin Use Diversion Owner

L STK 3 JULIA WILLIAMS

L 04930

WR File Nbr

Record Count: 1

POD Search:

POD Number: L 04930

Sorted by: File Number

and no longer serves this file, C=the file is closed)

(R=POD has been replaced (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng Shallow 1 23 16S 32E

County POD Number

LE L 04930

Code Grant

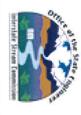
617698 3642092*

*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, completen reliability, usability, or suitability for any particular purpose of the data.

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Page 1 of 1



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

and no longer serves this file, (R=POD has been replaced

C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng

Shallow

36 16S 32E

619758 3638489*

Record Count: 1

L 05494

COM

165 CITY OF CARLSBAD

County POD Number LE L 05494

Code Grant

WR File Nbr

basin Use Diversion Owner

Sub

POD Search:

POD Number: L 05494

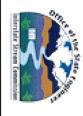
Sorted by: File Number

*UTM location was derived from PLSS - see Help

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12/18/13 2:37 PM

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Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

WR File Nbr

basin Use Diversion Owner

STK

3 TAYLOR CATTLE COMPANY

County POD Number L 06557

Code Grant

Sub

L 06557

and no longer serves this file, (R=POD has been replaced (quarters are 1=NW 2=NE 3=SW 4=SE)

C=the file is closed)

(quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng Shallow 1 4 21 16S 32E

615089 3641466*

Record Count: 1

POD Search:

POD Number: L 06557

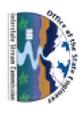
Sorted by: File Number

*UTM location was derived from PLSS - see Help

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Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

basin Use Diversion Owner

L PRO

0 SHARP DRILLING COMPANY

County POD Number LE L 06807

Sub

and no longer serves this file, (R=POD has been replaced

C=the file is closed)

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

(quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng Shallow 1 4 4 09 16S 32E

Code Grant

615356 3644383*

Record Count: 1

L 06807 WR File Nbr

POD Search:

POD Number: L 06807

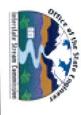
Sorted by: File Number

*UTM location was derived from PLSS - see Help

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Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced

(acre ft per annum)

basin Use Diversion Owner Sub

0 E R WEST ENGINEERING

PRO

L 07823

WR File Nbr

Record Count: 1

POD Search:

POD Number: L 07823

Sorted by: File Number

County POD Number

Code Grant

L 07823

and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng

Shallow 2 2 2 16 16S 32E

615561 3643981*

*UTM location was derived from PLSS - see Help

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Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

basin Use Diversion Owner

Sub

L 08084 WR File Nbr

COM

750 MOR-WEST CORPORATION

C=the file is closed) and no longer serves this file, (R=POD has been replaced

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

County POD Number E \mathbb{H} E LE L 08084 L 08084 S L 08084 POD4 L 08084 POD5 Code Grant D Shallow 1 1 1 16 16S 32E Shallow 2 1 1 Shallow Source 6416 4 Sec Tws Rng Shallow 4 1 4 2 26 36 26 16S 16S 16S 32E 32E 32E 619239 618425 618522 614157 3640492* 3643970* 3639788* 3639192*

Record Count: 6

E

L 08084 S3

E

L 08084 S2

IJ

Shallow

311

36

16S

32E

619039

3638992*

2

26

16S

32E

618522 3640492*

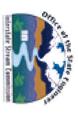
POD Search:

POD Number: L 08084

Sorted by: File Number

*UTM location was derived from PLSS - see Help

reliability, usability, or suitability for any particular purpose of the data 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, completen



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

WR File Nbr

L 08084

basin Use Diversion Owner COM 750 MOR-WEST CORPORATION

Code Grant

C=the file is closed)

County POD Number LE L 08084 S3

> and no longer serves this file, (R=POD has been replaced (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng

2 26 16S 32E

X Y 618522 3640492*

Record Count: 1

POD Search:

POD Number: L 08084 S3

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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12/18/13 2:40 PM

Page 1 of 1

Average Depth to Water: 224 feet

Minimum Depth:

65 feet

Maximum Depth: 280 feet

Record Count: 22

PLSS Search:

Township: 16S

Range: 32E



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,

(quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is closed)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD

Sub-

Depth Depth Water Code basin County 64 16 4 Sec Tws Rng X Well Water Column

2 4 2 20 17S 30E 594801 3632002 85 80 5

> Average Depth to Water: 80 feet

> > Minimum Depth: 80 feet

Maximum Depth: 80 feet

Record Count: 1

POD Number

RA 11914 POD1

PLSS Search:

Township: 17S Range: 30E



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

Sub

basin Use Diversion Owner

File Nbr 1914

0 LINN ENERGY

and no longer serves this file, (R=POD has been replaced

C=the file is closed)

(quarters are smallest to largest) (NAD83 UTM in meters) (quarters are 1=NW 2=NE 3=SW 4=SE)

Source 6416 4 Sec Tws Rng

Shallow 2 4 2 20 17S 30E

Code Grant

ED RA 11914 POD1 County POD Number

3632002 🌏

594801

ord Count: 1

POD Search:

POD Number: RA 11914 POD1

Sorted by: File Number

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, oility, usability, or suitability for any particular purpose of the data. 7/14 10:03 AM



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

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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-	Q	Q	Q						Depth Depth Water	•
POD Number	Code basin County	64	16	4	Sec	Tws	Rng	X	Y	Well Water Colum	n
RA 11590 POD1	ED	2	1	3	32	17S	31E	603315	3628545 🍣	158	
RA 11590 POD3	ED	3	1	2	32	17\$	31E	603932	3629260 🍣	60	
RA 11590 POD4	ED	4	1	1	32	178	31E	603308	3629253 🍣	55	

Average Depth to Water:

Minimum Depth: --

Maximum Depth: --

Record Count: 3

PLSS Search:

Township: 17S Range: 31E

Page 1 of 1



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-		0	Q	0						Donth	Donth	Water
POD Number	Code	basin	County					Tws	Rng	х	Υ		Depth Water C	
L 04019		L	LE	4	3	4	02	17S	32E	618468	3636166* 🍑	182		
L 04020		L	LE	3	3	4	02	17S	32E	618268	3636166* 🌑	200		
L 04021	R	L	LE	3	4	4	02	17S	32E	618670	3636170* 🌑	190		
L 04021 POD3		L	LE		3	4	03	17S	32E	616761	3636252* 🌍	247		
L 04021 S		L	LE	2	4	4	03	17S	32E	617262	3636354* 🍑	260		
L 13047 POD1		L	LE				11	17S	32E	618187	3635254* 🌼	140		
L 13050 POD1		L	LE	2	2	1	10	17S	32E	616463	3635945* 🌍	156	132	24
RA 08855			LE	4	1	1	10	17S	32E	616061	3635742* 🌑	158		
RA 09505			LE	2	2	1	10	17S	32E	616462	3635944 🌑	147		
RA 09505 S			LE	2	2	1	10	17S	32E	616463	3635945* 🌼	144		
RA 10175			LE		2	1	28	17S	32E	614814	3631005* 🌍	158		
RA 11684 POD1			LE	1	1	4	11	17S	32E	618216	3635124 🌍	275		
RA 11684 POD2			LE	1	1	4	11	17S	32E	618313	3635248 🌍	275		
RA 11684 POD3			LE	3	3	1	11	17S	32E	618262	3635371 🌑	275		
RA 11684 POD4			LE	1	3	2	11	17S	32E	618334	3635521 🌍	275		
RA 11684 POD5			LE	3	1	4	11	17S	32E	618353	3635047 🍪	275		
RA 11734 POD1			LE	2	2	1	10	17S	32E	616556	3635929 🌍	165		
RA 11911 POD1			LE	1	3	1	24	17S	32E	619192	3632296 🧼	35		
RA 12020 POD1			LE	2	2	1	28	17S	32E	614828	3630954 🌍	120	81	39
RA 12042 POD1			LE	2	2	1	28	17S	32E	614891	3631181 🍪	400		

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Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

basin Use Diversion Owner

File Nbr

3 LARRY WOOTEN L DOL

LE L 13050 POD1 County POD Number

(quarters are smallest to largest) (NAD83 UTM in meters) (quarters are 1=NW 2=NE 3=SW 4=SE) and no longer serves this file, (R=POD has been replaced C=the file is closed)

Source 6416 4 Sec Tws Rng

Shallow 2 2 1 10 17S 32E

Code Grant

616463 3635945*

POD Search:

ord Count: 1

POD Number: L 13050 POD1

Sorted by: File Number

I location was derived from PLSS - see Help



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

basin Use Diversion Owner

File Nbr 2020

0 PHILLIPS 66 COMPANY MON

Code Grant County POD Number

LE RA 12020 POD1

(quarters are 1=NW 2=NE 3=SW 4=SE) and no longer serves this file, (R=POD has been replaced

C=the file is closed)

(quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng

Shallow 2 2 1 28 17S 32E

3630954 👛

614827

ord Count: 1

POD Search:

POD Number: RA 12020 POD1

Sorted by: File Number

Average Depth to Water: 106 feet

Minimum Depth: 81 feet

Maximum Depth: 132 feet

Record Count: 20

PLSS Search:

Township: 17S Range: 32E



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

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(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

POD Number	Sub- Code basin	County	Q Q 64 16			Tws	Rng	x	Υ		Depth Water Water Column
CP 00818		LE	1	4	26	18S	30E	599289	3620364*	240	
CP 00819		LE	2	4	32	18S	30E	594878	3618720* 🍑	150	
L 01978	L	LE	1	3	23	18S	30E	598469	3621964*	65	44 21

Average Depth to Water:

44 feet

Minimum Depth:

44 feet

Maximum Depth:

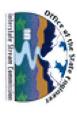
44 feet

Record Count: 3

PLSS Search:

Township: 18S

Range: 30E



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

basin Use Diversion Owner

Sub

County POD Number

Code Grant

LE L 01978

and no longer serves this file, (R=POD has been replaced (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

C=the file is closed)

Source 6416 4 Sec Tws Rng Shallow 1 3 23 18S 30E

598469 3621964*

Record Count: 1

L 01978

L DOM

3 L A JOHNSON

WR File Nbr

POD Search:

POD Number: L 01978

Sorted by: File Number

*UTM location was derived from PLSS - see Help

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ACTIVE & INACTIVE POINTS OF DIVERSI



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,

closed)

C=the file is (quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (NAD83 UTM in meters)

(In feet)

POD

Sub- QQQ

Code basin County 64 16 4 Sec Tws Rng

2 3 15 18S 31E

X Y 606849 3623669*

Depth Depth Water Well Water Column

Average Depth to Water:

98 feet

Minimum Depth: 98 feet

Maximum Depth: 98 feet

Record Count: 1

POD Number

L 11092

PLSS Search:

Township: 18S Range: 31E



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

Sub

basin Use Diversion Owner

L DOM 3 NEW HOPE BAPTIST

L 11092 WR File Nbr

Record Count: 1

POD Search:

POD Number: L 11092

Sorted by: File Number

County POD Number

Code Grant

LE L 11092

and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) (R=POD has been replaced

(quarters are smallest to largest) (NAD83 UTM in meters)

C=the file is closed)

Shallow Source 6416 4 Sec Tws Rng 2 3 15 18S 31E

606849 3623669*

*UTM location was derived from PLSS - see Help

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ACTIVE & INACTIVE POINTS OF DIVERSI



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

POD Number	Sub- Code basin	County	Q 64	-		Sec	Tws	Rng	x	Υ '			Water Column
CP 00566		LE	4	4	1	04	18S	32E	614960	3627280* 🌍	133	65	68
CP 00672		LE		4	4	07	18S	32E	612475	3624947* 🧼	524	430	94
CP 00672 CLW475398	0	LE		4	4	07	18\$	32E	612475	3624947* 🥮	540	460	80
CP 00677		LE		1	1	26	185	32E	617750	3621373* 🍑	700		

Average Depth to Water: 318 feet

> Minimum Depth: 65 feet

Maximum Depth:

460 feet

Record Count: 4

PLSS Search:

Township: 18S Range: 32E



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

basin Use Diversion Owner

Sub

County POD Number LE CP 00566

Code Grant

and no longer serves this file, (R=POD has been replaced

C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng

Shallow 4 4 1 04 18S 32E

614960 3627280*

Record Count: 1

CP 00566

DOM

3 B.E. FRIZZELL

WR File Nbr

POD Search:

POD Number: CP 00566

Sorted by: File Number

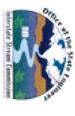
*UTM location was derived from PLSS - see Help

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ACTIVE & INACTIVE POINTS OF DIVERSI



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

Sub

basin Use Diversion Owner

CP 00672

STK

3 VIRGIL LINAM ESTATE

WR File Nbr

Record Count: 1

POD Search:

POD Number: CP 00672

Sorted by: File Number

and no longer serves this file, (R=POD has been replaced (quarters are 1=NW 2=NE 3=SW 4=SE)

C=the file is closed) (quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng

Code Grant

County POD Number LE CP 00672

Shallow

4 4 07 18S 32E

612475 3624947*

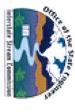
*UTM location was derived from PLSS - see Help

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ACTIVE & INACTIVE POINTS OF DIVERSI



Active & Inactive Points of Diversion

(with Ownership Information)

No PODs found.

POD Search:

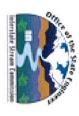
POD Number: CP 00672 CLW475398

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ACTIVE & INACTIVE POINTS OF DIVERSION



Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum)

Sub

basin Use Diversion Owner

CP 00677 WR File Nbr

PRO

0 TXOPROD.

Record Count: 1

POD Search:

POD Number: CP 00677

Sorted by: File Number

County POD Number

Code Grant

C=the file is closed)

LE CP 00677

and no longer serves this file, (quarters are 1=NW 2=NE 3=SW 4=SE) (R=POD has been replaced

(quarters are smallest to largest) (NAD83 UTM in meters)

Source 6416 4 Sec Tws Rng

1 1 26 18S 32E

617750 3621373*

*UTM location was derived from PLSS - see Help

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ACTIVE & INACTIVE POINTS OF DIVERSI

Company Name: _____ Linn Energy Date: ____ 09/06/13, 02/21/14 3/5/2014 Location Name: _____ Turner B #44

SP1	CHL	SP2	CHL
Surface	374	Surface	8347
1'	524	1'	2749
2'	1249	2'	no data
3'	2049	3'	no data
4'	2499	4'	no data
5'	1374	5'	no data
6'	2799	6'	999
7'	1874	7'	549
8'	1274	8'	274
9'	1024	2'	274
10'	749	4'	249
11'	949	5'	249
12'	999	6'	274
13'	1949	7'	174
Auger Ref	usal		_

	_
CHL	
8347	
2749	
no data	
999	
549	
274	
274	
249	
249	
274	

		SP3 Surface 1' 2' 3' 4'	СН
7		Surface	no
)		1'	no
		2'	no
		3'	no
		4'	no
		3' 4'	
)		4'	
)		5' 6'	
1		6'	
1		7'	
1 1 9			
)			
1	l		

CHL	SP4	CHL
no data	Surface	no data
no data	1'	no data
no data	2' 3' 4'	no data
no data	3'	no data
no data	4'	no data
274	3'	249
274	4'	374
274	5' 6'	224
249		249
249	7'	199

SP5	CHL
1'	no data
2'	no data
3'	no data
4'	no data
1'	249
2'	374
3'	199
4'	199
5'	174

HL	SP7
2474	
1574	
3024	
2249	
874	
624	
624	
560	

CHL	SP8	CHL	SP9	CHL	SP10	CHL
			_		_	
					_	
_						

Excavate to 2' dispose and backfill

Excavate to 4'

install 20 mil liner

CHL
325
225

	SW2	CHL
325	2' @ surf	325
225	2' @ 1'	275

	SW3	CHL
25 75	2' @ surf 2' @ 1'	350
75	2' @ 1'	22.
		•

	SW4	CHL
0	2' @ surf 2' @ 1'	244
5	2' @ 1'	97
_		•

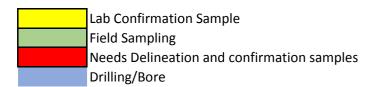
SW5	CHL	S
2' @ surf	1125	2
2' @ 1'	350	2

SW6	CHL	SW7
2' @ surf	375	2' @ sui
2' @ 1'	250	2' @ 1'

,	CHL	SP18
surf	300	
1'	250	

18	CHL	SP19	CHL	SP20	CHL	
		7 -				
	•					

SP21	CHL	SP22	CHL	SP22	CHL	SP23	CHL	SP24	CHL	SP25	CHL	SP26	CHL	SP27	CHL	SP28	CHL	SP29	CHL	SP30	CHL
							1 1		1 1												





February 26, 2014

BRIAN WALL LINN OPERATING-HOBBS 2130 W. BENDER HOBBS, NM 88240

RE: TURNER B #44

Enclosed are the results of analyses for samples received by the laboratory on 02/17/14 15:30.

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/ga/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.

Celes D. Keens

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



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240

Fax To: (575) 738-1740

Received: 02/17/2014 Reported: 02/26/2014

Project Name: TURNER B #44
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 02/17/2014

Sampling Type: Soil

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

Sample ID: BH #1 @ 30 (H400471-01)

BTEX 8260B	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	02/20/2014	ND	2.46	123	2.00	2.42	
Toluene*	<0.050	0.050	02/20/2014	ND	2.17	108	2.00	2.14	
Ethylbenzene*	<0.050	0.050	02/20/2014	ND	2.18	109	2.00	3.74	
Total Xylenes*	<0.150	0.150	02/20/2014	ND	6.35	106	6.00	3.42	
Total BTEX	<0.300	0.300	02/20/2014	ND					
Surrogate: Dibromofluoromethane	103	% 61.3-14	2						
Surrogate: Toluene-d8	94.8	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	102	% 65.7-14	1						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	02/20/2014	ND	416	104	400	3.77	
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	02/19/2014	ND	200	100	200	5.07	
DRO >C10-C28	<10.0	10.0	02/19/2014	ND	192	96.2	200	7.57	
Surrogate: 1-Chlorooctane	86.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.7	% 63.6-15	4						

A ... - L ... - - - I D. .. MC

Cardinal Laboratories *=Accredited Analyte

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LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240

Fax To: (575) 738-1740

 Received:
 02/17/2014
 Sampling Date:
 02/17/2014

 Reported:
 02/26/2014
 Sampling Type:
 Soil

Reported: 02/26/2014 Sampling Type: Soil

Project Name: TURNER B #44 Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: BH #1 @ 35 (H400471-02)

BTEX 8260B	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	02/20/2014	ND	2.46	123	2.00	2.42	
Toluene*	<0.050	0.050	02/20/2014	ND	2.17	108	2.00	2.14	
Ethylbenzene*	<0.050	0.050	02/20/2014	ND	2.18	109	2.00	3.74	
Total Xylenes*	<0.150	0.150	02/20/2014	ND	6.35	106	6.00	3.42	
Total BTEX	<0.300	0.300	02/20/2014	ND					
Surrogate: Dibromofluoromethane	110 9	% 61.3-14	2						
Surrogate: Toluene-d8	97.3	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	106	% 65.7-14	1						
Chloride, SM4500Cl-B mg/		/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	02/20/2014	ND	416	104	400	3.77	
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	02/19/2014	ND	200	100	200	5.07	
DRO >C10-C28	<10.0	10.0	02/19/2014	ND	192	96.2	200	7.57	
Surrogate: 1-Chlorooctane	78.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	83.1	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ompany Name: () N		BILL TO		ANALYSIS REQUEST
35		P.O. #:		
ddress:		Company: Line		
ity: State:	Zip:	Attn: Brignwal		
hone #: Fax #:		Address:		
roject #: Project Owner:	ier:	City:		
roject Name: TUINT BUU		State: Zip:		
roject Location:	A	Phone #:		
ampler Name:		Fax #:		,
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	NG	
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	61000 43181 12	
1 1986 30		<	1130 000	
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			/	
EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the balyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in wiring and received by Cardinal within 30 days after completion of the applicable process. In no event shall cardinal be label for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	for any claim arising whether based in contra- t be deemed waived unless made in writing ar- uding without limitation, business interruptions	ct or tort, shall be limited to the amount pain nd received by Cardinal within 30 days after loss of use, or loss of profits incurred by	d by the client for the roompletion of the applicable	
Relinquished By: Relinquished By: Date: 7	by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Received By: Phone Resserved.	n is based upon any of the above stated re-	ult: ☐ Yes	Add'l Phone #:
(render	J .	Henson	Fax Result:	Add'l Fax #:
	0		Or all Colleges	

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

Time:

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326 4

Sample Condition
Cool Intact
Yes Yes
No No

antholdiversified si com

sample id changed as per Natalie, 2/26/14 Cl



June 05, 2013

KIT PRICHARD

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: TURNER B #44

Enclosed are the results of analyses for samples received by the laboratory on 06/03/13 16:25.

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

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. 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



ETECH Environmental & Safety Solutions, Inc.

KIT PRICHARD P. O. BOX 8469 MIDLAND TX, 79708

Fax To: (432) 563-2213

Received: 06/03/2013

Reported: 06/05/2013
Project Name: TURNER B #44
Project Number: 253-3862-000
Project Location: EDDY COUNTY

mg/kg

mg/kg

Reporting Limit

16.0

Result

128

Sampling Date: 06/03/2013

Sampling Type: Soil

Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

Sample ID: SP 1 BOTTOM 6' (H301295-01)

Chloride, SM4500Cl-B

Chloride, SM4500Cl-B

Chloride

Analyte

	9	•	•	•					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	06/05/2013	ND	400	100	400	0.00	
Sample ID: SP 1 S WALL	3' (H301295-	02)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/05/2013	ND	400	100	400	0.00	
Sample ID: SP 1 E WALL	3' (H301295-	03)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
			06/05/2013	ND	400	100	400	0.00	

Analyzed By: DW

Method Blank

ND

BS

400

% Recovery

100

True Value QC

400

RPD

0.00

Qualifier

Analyzed

06/05/2013

Analyzed By: DW

Cardinal Laboratories *=Accredited Analyte

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ETECH Environmental & Safety Solutions, Inc.

KIT PRICHARD P. O. BOX 8469 MIDLAND TX, 79708

Fax To: (432) 563-2213

 Received:
 06/03/2013
 Sampling Date:
 06/03/2013

 Reported:
 06/05/2013
 Sampling Type:
 Soil

Project Name: TURNER B #44 Sampling Condition: ** (See Notes)
Project Number: 253-3862-000 Sample Received By: Jodi Henson

Project Location: EDDY COUNTY

Sample ID: SP 2 W WALL 3' (H301295-05)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/05/2013	ND	400	100	400	0.00	

Sample ID: SP 3 BOTTOM 6' (H301295-06)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/05/2013	ND	400	100	400	0.00	

Sample ID: SP 3 W WALL 3' (H301295-07)

Chloride, SM4500Cl-B	Analyze	d By: DW							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/05/2013	ND	400	100	400	0.00	

Sample ID: SP 4 BOTTOM 6' (H301295-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/05/2013	ND	400	100	400	0.00	

Sample ID: SP 4 N WALL 3' (H301295-09)

Chloride, SM4500CI-B	mg,	/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	06/05/2013	ND	400	100	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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ETECH Environmental & Safety Solutions, Inc.

KIT PRICHARD P. O. BOX 8469 MIDLAND TX, 79708

Fax To: (432) 563-2213

 Received:
 06/03/2013
 Sampling Date:
 06/03/2013

 Reported:
 06/05/2013
 Sampling Type:
 Soil

Project Name: TURNER B #44 Sampling Condition: ** (See Notes)
Project Number: 253-3862-000 Sample Received By: Jodi Henson

Project Location: EDDY COUNTY

Sample ID: SP 4 E WALL 3' (H301295-10)

Chloride, SM4500Cl-B	B mg/kg			Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/05/2013	ND	432	108	400	0.00	

Sample ID: SP 5 BOTTOM 4' (H301295-11)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/05/2013	ND	432	108	400	0.00	

Sample ID: SP 5 N WALL 2' (H301295-12)

Chloride, SM4500Cl-B	Analyze	d By: DW							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	06/05/2013	ND	432	108	400	0.00	

Sample ID: SP 5 S WALL 2' (H301295-13)

Chloride, SM4500Cl-B mg/kg			Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/05/2013	ND	432	108	400	0.00	

Sample ID: SP 5 W WALL 2' (H301295-14)

Chloride, SM4500Cl-B mg/kg			Analyze	Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/05/2013	ND	432	108	400	0.00	

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ETECH Environmental & Safety Solutions, Inc.

KIT PRICHARD P. O. BOX 8469 MIDLAND TX, 79708

Fax To: (432) 563-2213

 Received:
 06/03/2013
 Sampling Date:
 06/03/2013

 Reported:
 06/05/2013
 Sampling Type:
 Soil

Project Name: TURNER B #44 Sampling Condition: ** (See Notes)
Project Number: 253-3862-000 Sample Received By: Jodi Henson

Project Location: EDDY COUNTY

Sample ID: SP 6 BOTTOM 2' (H301295-15)

Chloride, SM4500Cl-B mg/kg			Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/05/2013	ND	432	108	400	0.00	

Sample ID: SP 6 N WALL 1' (H301295-16)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/05/2013	ND	432	108	400	0.00	

Sample ID: SP 6 S WALL 1' (H301295-17)

Chloride, SM4500Cl-B	Analyze								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	06/05/2013	ND	432	108	400	0.00	

Sample ID: SP 6 W WALL 1' (H301295-18)

Chloride, SM4500Cl-B	Analyze	d By: DW							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	06/05/2013	ND	432	108	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

State: Zip: Attn: Fax #: Address Fax #: Phone # Fax #: Address Address Address Address Fax #: Phone # Fax #: Address Ad	Company Name: Project Manager:	Kit of their me	metal	P.O. #: 253-3862-000	0	ANALYSIS REQUEST	IEST
t: chlofides Chlofides Ves No	Address:			Company:			
t: chlofides Chlofides Ves No	City:	State:	Zip:	Attn:			
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tr. chlofides Chlofides Ves No	Project Name:						
t: Chlofides Chlofides No	Project Location:	Eddy		Phone #:			
t: Chloride Chloride Yes D No	Sampler Name:	TEMY		Fax #:	5		
t: chlofic	FOR LAB USE ONLY		-		le		:
t: Chlo			RS TER		f'c		
t: □ Yes □ No	Lab I.D.	Sample I.D.	NTAINEF UNDWA TEWATE	/BASE: COOL	ch/o		
t: □ Yes □ No	13018C	7	# CO GRO WAS SOII	ACII ICE OTH DATE	-		
t: Yes No		/ portom		⊕ /3//3			
t: □ Yes □ No	7	V 1 428 11					
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t: □ Yes □ No	<u>ا</u>	SP2 Bottom 6)					
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t: Yes No	8	BOFFER					
pplicable T: Yes II No	e						
t:	Ø	< 0+ fr. wo 3					
t: Yes No Yes No No	PLEASE NOTE: Liability and analyses. All claims including	Damages. Cardinal stability and client's exclusive remedy for a those for negligence and any other bause whatsoever shall be	any claim arising whether based in contrac deemed waived unless made in writing an	t or tort, shall be limited to the amount paid by the teceived by Cardinal within 30 days after com	ne client for the pletion of the applicable		-
Date: 1/3/1/3 Redeived By: Phone Result: □ Yes □ No Time: □ Yes □ No REMARKS:	service. In no event shall Car affiliates or successors arising	dinal be liable for incidental or consequental damages, including out of or related to the performance of services hereunder by (g without limitation, business interruptions, Cardinal, regardless of whether such claim	toss of use, or loss of profits incurred by client, is based upon any of the above stated reasons	its subsidiaries, or otherwise.		
Times, OZ REMARKS:	Relinquished By:	Date: 1/3/13	Received By:	Ph	ult: U Yes U		
	100			MOMACA RE			

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

Tine . X

Time:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Etech				ANAL	ANALYSIS REQUEST	ĭ	
Project Manager: 人;ナ りょこんない		-6988-852:#: o :4	000				
Address:		Company:					
City: State:	Zip:	Attn:			· · · ·		
Phone #: Fax #:		Address:		-			
Project #: 253 - 3662 000 Project Owner:		City:					
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FOR LAB USE ONLY	P. MATRIX	PRESERV. SAMPLING		-		-	
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for integligence and any other cause whatscever shall be deemed whated unless made in writing and received by Cardinal within 30 days after completion of the applicable	ny daim arising whether based in contract o seemed waived unless made in writing and r	r tort, shall be limited to the amount paid I received by Cardinal within 30 days after of	by the client for the completion of the applicable				
affiliates or successors arising out of a related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise. Refinquished By: Date: Regeived By: Regeived By:	ardinal, regardless of whether such claim is Regeived By:	claim is based upon any of the above stated reasons or otherwise	:	□ No	Add'i Phone #:	, ,	
Time:	Jan A	Mon		□ No	² ax#:		
Relinquished By: Date:	Received By:						
Time:							
Delivered By: (Circle One)	Sample Condition	ON CHECKED BY:					

Sampler - UPS - Bus - Other:



March 11, 2014

BRIAN WALL LINN OPERATING-HOBBS 2130 W. BENDER HOBBS, NM 88240

RE: TURNER B #44

Enclosed are the results of analyses for samples received by the laboratory on 03/06/14 16:55.

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/ga/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. 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



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240

Fax To: (575) 738-1740

Received: 03/06/2014

Reported: 03/11/2014
Project Name: TURNER B #44
Project Number: NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 03/05/2014

Sampling Type: Soil

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

Sample ID: SW 1 @ 2 @ 1 (H400704-01)

Chloride, SM4500Cl-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	03/11/2014	ND	416	104	400	3.77	

Sample ID: SW 2 @ 2 @ 1 (H400704-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/11/2014	ND	432	108	400	0.00	

Sample ID: SW 3 @ 1 @ 1 (H400704-03)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/11/2014	ND	432	108	400	0.00	

Sample ID: SW 5 @ 2 @ 1 (H400704-04)

Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	03/11/2014	ND	432	108	400	0.00		

Cardinal Laboratories *=Accredited Analyte

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LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240

Fax To: (575) 738-1740

Received: 03/06/2014 Sampling Date: 03/05/2014

Reported: 03/11/2014 Sampling Type: Soil

Project Name: TURNER B #44 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SW 6 @ 2 @ 1 (H400704-05)

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 03/11/2014 ND 432 108 400 0.00

Sample ID: SW 7 @ 2 @ 1 (H400704-06)

Chloride, SM4500Cl-B Analyzed By: AP Reporting Limit Analyzed Method Blank BS True Value QC RPD Qualifier Analyte Result % Recovery Chloride 32.0 16.0 03/11/2014 432 400 0.00 ND 108

Cardinal Laboratories *=Accredited Analyte

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Manie. Figo Exchange		BILL TO		ANALYSIS REQUEST	
Project Manager: Brian Wall 0		P.O. #:			
Address:		Company: Linn Energy		3 4	
City: State: Zip:		Attn: Roby Wall of			
Phone #: Fax #:		Address:			
Project #: Project Owner:		City:		-	
Project Name: Turner & Hy Sidewall	Sunda	State: Zip:		-	
Project Location: Turner Byy		Phone #:	:		
07		Fax#:			
	MATRIX	PRESERV SAMPLING			
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Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Time:

Sample Condition

buall @linnerungy; com

Relinquished By:

Relinquished By

interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,

Phone Result:
Fax Result:
REMARKS:

☐ Yes ☐ No Add'I Phone #:



March 11, 2014

BRIAN WALL LINN OPERATING-HOBBS 2130 W. BENDER HOBBS, NM 88240

RE: TURNER B #44

Enclosed are the results of analyses for samples received by the laboratory on 03/06/14 16:55.

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/ga/lab accred certif.html.

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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. 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



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240

Fax To: (575) 738-1740

 Received:
 03/06/2014
 Sampling Date:
 03/05/2014

 Reported:
 03/11/2014
 Sampling Type:
 Soil

Project Name: TURNER B #44 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

<16.0

16.0

Sample ID: SP 2 @ 7 (H400705-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/11/2014	ND	432	108	400	0.00	
Sample ID: SP 3 @ 7 (H4	00705-02)								
Chloride, SM4500Cl-B		/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Sample ID: SP 4 @ 7 (H400705-03)

Chloride

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	03/11/2014	ND	432	108	400	0.00	

ND

432

108

400

0.00

03/11/2014

Sample ID: SP 5 @ 5 (H400705-04)

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	03/11/2014	ND	432	108	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

State: Zip: Attn: Nakite Glades. Fax #: Address: Project Owner: City: State: Zip: Zip: State: Zip: Zip: State: Zip: State: Zip: State: Zip: State: Zip: State: Zip: Zip: State: Zip: State: Zip: State: Zip: State: Zip: State: Zip: Zip: State: Zip: State: Zip: State: Zip: Zip: State: Zip: Zip: Zip: Zip: Zip: Zip: Zip: Zip	Company Name:	LEXT INN		BILL TO			ANALYSIS RE	REQUEST	
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Balance: Allahora A. B. VIII. Edit of Co. AIM. Phone 8: D. Sample I.D. OR AIND TEXT PRESERV. SAMPLING D. Sample I.D.	Phone #:	Fax #:	,	Address:					
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Sample Condition
Cool Intact
Ves Yes
No No

1 gladder @diws Fied com

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

Relinquished By:

Date:



March 13, 2014

BRIAN WALL LINN OPERATING-HOBBS 2130 W. BENDER HOBBS, NM 88240

RE: TURNER B #44

Enclosed are the results of analyses for samples received by the laboratory on 03/12/14 9:09.

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/ga/lab accred certif.html.

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

Accreditation applies to public drinking water matrices.

Celey D. Keens

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



LINN OPERATING-HOBBS BRIAN WALL 2130 W. BENDER HOBBS NM, 88240

Fax To: (575) 738-1740

Received: 03/12/2014 Sampling Date: 03/07/2014

Reported: 03/13/2014 Sampling Type: Soil

Project Name: TURNER B #44 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: NOT GIVEN

Sample ID: SW 4 @ 2 @ 1 (H400748-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/13/2014	ND	416	104	400	3.92	

Cardinal Laboratories *=Accredited Analyte

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Notes and Definitions

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RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories *=Accredited Analyte

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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

4. Loc

Sample Condition
Cool/ Intact
Ves Yes
No No

CHECKED BY:

* Project name charged as per Natalie. 3/13/14/

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

Relinquished By:

Time q:09
Date:

Received By:

Phone Result:
Fax Result:
REMARKS:

Yes

□ No

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

bwalledinneneryy: com

Relinquished By:

DIVERSIFIED FIELD SERVICES, INC.

RE	CLAMATION FORM	SITE:	Turner	B 44
		Start Da	te:	3-25-14
		Complet	ion Date:	3-26-14
Step 1	Remove caliche and/or all discolore	ed material (s	soil, caliche, et	al) for disposal.
Step 2	Look for any discolored material un If above limits, remove above limits, contact Env	1' and resam	ple and test. If	f sample is still
Step 3	Grid clean area and establish betwe	een 2 and 5 s	ample points.	
Step 4	Take appropriate samples and run	field tests on	samples.	
	Note: If any samples conclose to limit, proceeding.	_		
Step 5	When field sample tests are shown soil to depth as required	•	table, backfill a	and contour
Step 6	Re-seed reclaimed area with seed research		•	, -
	Note: Record the amour	nt of seed use	ed on tag.	
	<u>Seed Type:</u> <u>Lbs. Used:</u>		<u>+</u>	- -
Step 7	Ensure samples are taken to the ap this form is returned to the			
	NOTES: femidiation	يات		
Supe	rvisor:	huch		

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347 LPC Sand Shinery W/Ragweed and Description Bluestern Plant		Permit # TX00905 INV52812
Bluestem, Big. "Kaw" (Andropogon gerardii) Bluestem, Little "Cimarron" (Schizachyrium scoparium) Bluestem, Sand "Woodward" (Andropogon hallii) Bristlegrass, Plains, "VNS" (Setaria vuipiseta) Coreopsis Plains (Coreopsis Tinctoria) Dropseed, Sand, "VNS" (Sporobolus cryptandrus) Fourwing saltbush, "VNS" (Atripley carea	Pure Seed Germ 15.83% 95.00% 7.62% 90.00% 13.12% 95.00% 14.24% 76.00% 5.06% 97.00%	0.00% TX 8.00% TX 0.00% TX

Fourwing saltbush, "VNS" (Atriplex canescens) 97.00% 0.00% ΤX 2 60% Ragweed, "Western" (Ambrosia L.) 95.00% 3.00%_ Τχ 19.10% 12.00% 40.00% Purity: 84,02% NM 6.45% Inert Matter: 9.85% 77.00% 0.00% Other Crop Seed: 6.11% ΚY Weed Seed: 0.02%

Noxious Weeds: None

Test Date: 11/2013

Net Wt: 25.00 lbs

Bamert Seed Company Inc.

1897 CR 1018 Muleshoe, TX 79347 (800) 262-9892 Permit # TX00905

LP Sand Shinnery W/RW & SB 400 #

Pure Seed Germ Dormant Origins

	Description	Pure Seed	Germ	Dormant	Origin
	flightest Electraw" (Connects) (Andropogon gerardii)	20.37%	60.00%	0.00%	†X*
	Elligotens Little, 4000 (12 65) 12 (2012) (2012)	8.78% 🖔	89.00%	3.00%	TX
Ċ	Britistan Section (Comments)	14.84%	28.00%	62.00%	TX
á	Tally seeds and the control of the c	upa A	8.00%	77.00%	CO
	Forthering and the Committee of the Comm		教 》之	and drawn	·承翻新生
	A 10 (Ca. APSIS (coreupsis i inctoria)	A CONTRACTOR OF THE PARTY OF TH	196	有数化 个	
1	◇ AMO COREC PSIS (Coreopsis 下京な会社)			THE STATE OF	
į.	Ragweed "Vestern" (1787)	12.45	(4.13%		
	Switchgree (street to be an in the second s	√.69%₀		0.00%	
1	Line Che.	∋p Seed; 0 မြ	多 5.	14(4)	ar di

All this While North

Date: 037

中部使用

Bamert Seed Company Inc.

Description Section	(800) 262-9892 altbush 500#	12500	Permit	# TX0090 INV5281
Bluestem, Big "Kaw" (Andropogon gerardii) Bluestem, Little "Cimaron" (Schlzachystum scoparium) Bluestem, Sand "Woodward" (Ardropogon halfii) Bristlegrass, Plains "VNS" (Setaria vulpiseta) Coreopsis Plains (Coreopsis Tirrctoria) Drepseed, Sand, "VNS" (Sporobolus cryptandrus) Fourwing saltbush, "VNS" (Arriplex canesceris) Ractweed, "Western" (Ambrosia L.) Purity: 84.02% Inert Matter: 9.85% Other	Pure Seed 15.83% 7.62% 13.12% 14.24% 5.06% 2.60% 19.10% 6.45% Crop Seed: 6.11%	Germ 95.00% 90.00% 95.00% 76.00% 97.00% 95.00% 12.00% 77.00%	Dormant 0.00% 8.00% 0.00% 11.00% 0.00% 3.00% 40.00% 0.00%	Origin TX TX TX TX TX TX TX TX TX

Noxious Weeds: None

Test Date: 11/2013

Net Wt: 25.00 lbs

Natalie Gladden

From:

Fred Holmes <fred@etechenv.com>

Sent:

Monday, March 03, 2014 9:38 AM

To: Cc: Amy Ruth
'Kit Prichard'

Subject:

RE: Linn Energy Turner B #44

Attachments:

H301295 TB 44 Clearance 060313.pdf

Amy: Attached are the clearance analytical results. That is all I think we have.

Fred Holmes

Etech Environmental & Safety Solutions, Inc.

P.O. Box 8469

Midland, Texas 79708-8469 Phone: 432-563-2200 Fax: 432-563-2213

E-mail: fred@etechenv.com

CONFIDENTIAL

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From: Amy Ruth [mailto:aruth@diversifiedfsi.com]

Sent: Monday, March 03, 2014 10:27 AM

To: fred@etechenv.com

Cc: Kit Prichard

Subject: Linn Energy Turner B #44

Importance: High

Hi Fred,

We are trying to close the site Turner B #44 for Linn Energy. It is our understanding that eTECH began sampling the site. In order to save Linn money here, we would not re-sample, and document with full credit the data collected from eTECH within our closure. Can you forward me any sample data and/or labs you have on the site? Or if this is easier, please give the lab permission to release the reports to us.

Thank you!!

Amy C. Ruth

Environmental Director Diversified Field Services, Inc. 3412 N. Dal Paso Hobbs, NM 88240

Office: (575)964-8394 Mobile: (575)390-5454 Fax: (575)964-8396

"Nothing will work unless you do." -Maya Angelou

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June 05, 2013

KIT PRICHARD

ETECH Environmental & Safety Solutions, Inc.

P. O. BOX 8469

MIDLAND, TX 79708

RE: TURNER B #44

Enclosed are the results of analyses for samples received by the laboratory on 06/03/13 16:25.

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

aly & Kune

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



ETECH Environmental & Safety Solutions, Inc.

KIT PRICHARD P. O. BOX 8469

MIDLAND TX, 79708

Fax To:

(432) 563-2213

Received:

06/03/2013

Sampling Date:

06/03/2013

Reported:

06/05/2013

Sampling Type:

Soil

Project Name:

TURNER B #44

Sampling Condition:

** (See Notes)

Project Number:

253-3862-000

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY

Sample ID: SP 1 BOTTOM 6' (H301295-01)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	06/05/2013	ND	400	100	400	0.00	
Sample ID: SP 1 S WALL	. 3' (H301295-	02)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/05/2013	ND	400	100	400	0.00	
Sample ID: SP 1 E WALL	. 3' (H301295-	03)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/05/2013	ND	400	100	400	0.00	
Sample ID: SP 2 BOTTO	M 6' (H301295	-04)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/05/2013	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey & Krenz



ETECH Environmental & Safety Solutions, Inc.

KIT PRICHARD

P. O. BOX 8469 MIDLAND TX, 79708

Fax To:

(432) 563-2213

Received: Reported: 06/03/2013

06/05/2013

Project Name: Project Number: TURNER B #44 253-3862-000

Project Location:

Sampling Date:

06/03/2013

Sampling Type:

Sampling Condition: Sample Received By:

** (See Notes) Jodi Henson

EDDY COUNTY

Sample ID: SP 2 W WALL 3' (H301295-05)

Chloride, SM4500Cl-B	` mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/05/2013	ND	400	100	400	0.00	
Sample ID: SP 3 BOTTOM 6'	•	•							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/05/2013	ND	400	100	400	0.00	
Sample ID: SP 3 W WALL 3' Chloride, SM4500Cl-B	(H301295	-	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/05/2013	ND	400	100	400	0.00	
Sample ID: SP 4 BOTTOM 6'	(H301295	-08)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/05/2013	ND	400	100	400	0.00	
Sample ID: SP 4 N WALL 3'	(H301295	·09)							
	ma	/kg	Analyze	d By: DW					
Chloride, SM4500Cl-B									
Chloride, SM4500CI-B Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie

Cardinal Laboratories

*=Accredited Analyte

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alex Kens



ETECH Environmental & Safety Solutions, Inc.

KIT PRICHARD

P. O. BOX 8469

MIDLAND TX, 79708

Fax To:

(432) 563-2213

Analyzed By: DW

Received:

06/03/2013

Sampling Date:

06/03/2013

Reported:

Chloride, SM4500CI-B

06/05/2013

Sampling Type:

Project Name:

TURNER B #44

Project Number:

253-3862-000

Sampling Condition:

** (See Notes)

Project Location:

EDDY COUNTY

Sample Received By:

Jodi Henson

Sample ID: SP 4 E WALL 3' (H301295-10)

			<u> </u>						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/05/2013	ND	432	108	400	0.00	
Sample ID: SP 5 BOTTOM	4' (H301295	-11)							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/05/2013	ND	432	108	400	0.00	
Sample ID: SP 5 N WALL	2' (H301295	-12)							
Chloride, SM4500CI-B	mg.	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	06/05/2013	ND	432	108	400	0.00	
Sample ID: SP 5 S WALL 2	2' (H301295-:	13)							
Chloride, SM4500CI-B	mg.	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/05/2013	ND	432	108	400	0.00	
Sample ID: SP 5 W WALL	2' (H301295	·14)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/05/2013	ND	432	108	400	0.00	

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*=Accredited Analyte

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Celey D. Kenne



ETECH Environmental & Safety Solutions, Inc.

KIT PRICHARD P. O. BOX 8469

MIDLAND TX, 79708

Fax To:

(432) 563-2213

Received:

06/03/2013

Sampling Date:

06/03/2013

Reported:

06/05/2013

Sampling Type:

Soil

Project Name:

TURNER B #44

Sampling Condition:

** (See Notes)

Project Number:

253-3862-000

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY

Sample ID: SP 6 BOTTOM 2' (H301295-15)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/05/2013	ND	432	108	400	0.00	
Sample ID: SP 6 N WALL	. 1' (H301295	-16)				r			
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/05/2013	ND	432	108	400	0.00	
Sample ID: SP 6 S WALL	1' (H301295-	17)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifler
Chloride	608	16.0	06/05/2013	ND	432	108	400	0.00	
Sample ID: SP 6 W WALI	L 1'(H301295	j- 18)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	06/05/2013	ND	432	108	400	0.00	

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Celey D. Kerre



ND

Notes and Definitions

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

Analyte NOT DETECTED at or above the reporting limit

Cardinal Laboratories

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aley & Kenne



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	THEN TOURS SOLL	ろのな。一				ANALYSIS	REQUEST		Ŀ
Project Manager:	K:+ pr		P.O. #: 253-362-	000					
Address:			Company:		· ·				
City:	State:	Zip:	Attn:			····			
Phone #:	Fax#:	-	Address:						
Project #: 25	Project #: 253-3862-000 Project Owner:		City:						
Project Name:	Turner B 44		State: Zip:						
Project Location:	" Eddy county		Phone #:						
Sampler Name:	TEMY		Fax#	5					
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING					:	
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Lab I.D.	Sample I.D.	RAB OR (CONTAINE) DUNDWASTEWATE L JDGE	HER: D/BASE: /COOL HER:	<u>chl</u> o				-	
	SPJ Boltom 63	# \ \ \ \	,	4					
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v	502 Wiwell 3'								
6	5P5 Bothom 6								<u>L</u> .
r.J.	SPS W. WELL &!								<u> </u>
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2	SPL N. Well 3)								<u> </u>
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PLEASE NOTE: Liability and Damages, Carding analyses, All claims including those for negligen	and an	any claim arising whether based in contra deemed waived unless made in writing ar	演说 语言语 enclusive rement for any claim ancing whether based in contract or but, shall be finited to the amount paid by the client for the 分词数 gauss whatsoerer shall be desimed waived unless made in militag and received by Cardinal within 30 days alter completion of the ap	completion of the applicat	ile .			-	
service. In no event shall Certifical be liable for the affiliates or suppessons arising out of or related to t	service. In no event shall Cestional be fiethe for indistingly is give equental damages, including without invitation, business interruptives, loss of tous, or loss of profis incurred by client, its substitution and interest of services and the substitution of services hereunder by Cardinal, repartitless of whicher such claim is based upon any of the above statist reasons or otherwise.	g without limitation, business interruptions Cardinal, regardless of whether such claim	eing) or expequental damages, including without instanton, business interprisings, loss of use, or loss of profis incurred by client, its subsidiaries, Existentiaritie of services hereunder by Cardinal, resarches of Whother such claim is based upon any of the above statest reasons or otherwise.	ient, its subsidiaries. sons or otherwise.				¥	
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Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

Time:



CHAIN-OF-CUSTODY AND ANALYSIS REQUES

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

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		į				9 mg #	Add'i Phone #:		No.	Yes	□ ∀	: USe	Phone Result:				_		BV:	Received By	ége	_	Date:		\ \	Relinguished By:
												in in in	asons or otherw	above stated re	any of the s	sed upon	laim is ba	ar such of	of whethe	ardess o	nel, rega	w Cardi	of services hereunder l	ted to the performance of	sing out of or relat	offinite or expressed signification of credited by the performance of services hereunder by Cardinal, regardless of Windows (1994) and the based (1994) above stabled resonance or diseases.
											e	the applicat	er completion of	hin 30 days aft	Cardinal will	reived by t	gand ren	in writing	es made	ived unio	SEW DBIT	be deer	anse whatsoever shall	Rigence and any other o	ding those for neg	analyses. All claims including those for negligence and any other cause windsperved in the deserved winds of the control of the control of the spiritual of the spirit
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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

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.

Form C-141

Revised August 8, 2011

Release Notification and Corrective Action OPERATOR Initial Report Final Report Name of Company: Linn Operating, Inc. Contact: Brian Wall Address: 2130 W. Bender Hobbs, NM 88240 Telephone No. 575-738-1739 Facility Name: Turner A #44 Facility Type: Injection Surface Owner Federal Mineral Owner Federal API No. 30-015-505311 LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from East/West Line County Eddy 20 17S 31E 660 South 2055 West Latitude: 32.8146162112349 Longitude -103.893767541586 NATURE OF RELEASE Type of Release: Produced water Volume of Release 64 bbls Volume Recovered 0 Source of Release: Stuffing Box Date and Hour of Occurrence Date and Hour of Discovery 12/17/2012 2PM 12/17/2012 2:30 PM Was Immediate Notice Given? If YES, To Whom? Mike Bratcher-NMOCD Terry Gregston-BLM Date and Hour: 12/18/2012 10 By Whom? Jose Hernandez Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No If a Watercourse was Impacted, Describe Fully.* NA Describe Cause of Problem and Remedial Action Taken.* DROVE TO LOCATION DOING DAILY ROUTINE NE OF THE TURNER B #137 PROD WELL. WE HAVE TWO TIN HORNS W/ INJECTION VALVE NOTICE WATER COMING OUT FROM AROUND THEM, TURNED INJECTION LINE OFF TO STOP WATER LEAK. Describe Area Affected and Cleanup Action Taken. There was a 6,951 sq. ft. of pasture area impacted. DFSI was retained to remediate the site. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION Signature: Fred B Wall Approved by Environmental Specialist: Printed Name: Brian Wall Title: Construction Foreman II Approval Date: **Expiration Date:** E-mail Address: bwall@linnenergy.com Conditions of Approval: Attached

Phone: 806-367-0645

05/15/20014

^{*} Attach Additional Sheets If Necessary