

September 19, 2014

Mr. Mike Bratcher NMOCD District 2

AMARILLO 921 North Bivins Amarillo. Texas 79107 Phone 806,467.0607 Fax 806,467.0622 811 S. 1st Street Artesia, NM 88210

Subject:

Remedial Activities and Closure Report

Cimarex Energy Wersell Federal #002 30-015-24845 (2RP-2260)

ARTESIA 408 West Texas Ave. Artesia, New Mexico 882IO Phone 575.746.8768 Fax 575.746.8905

Dear Mr. Bratcher

HOBBS 318 East Taylor Street Hobbs, New Mexico 88240 Phone 575.393.4261 Fax 575.393.4658 Cimarex Energy (Cimarex) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment and proposed remediation activities consist of the following.

Background Information

MIDLAND 290I State Hwy 349 Midland, Texas 79706 Phone 432.522.2133 Fax 432.522.2180 The Wersell Fed #002 is located approximately two miles east of Carlsbad, New Mexico. The legal location for this site is Unit Letter D, Section 4, Township 22 South and Range 27 East. More specifically the latitude and longitude for the release are 32.42735 North and -104.2009 West. A site plan is presented in Appendix I.

OKLAHOMA CITY 7700 North Hudson Avenue Suite IO Oklahoma City, Oklahoma 73II6 Phone 405.486.7030 Fax 806.467.0622 According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of the Upton gravelly loam with 0 to 9 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is comprised of Holocene to upper Pleistocene alluvium. Drainage courses in this area are normally dry. Groundwater in the project vicinity is approximately 15-feet below ground surface (bgs) according to the New Mexico Office of the State Engineer. See Appendix II for the referenced groundwater data.

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

The ranking for this site is 20 based on the following:

Depth to ground water <50'
Wellhead Protection Area >1000'
Distance to surface water body >1000'

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742 www.talonlpe.com

Incident Description

The release was discovered March 14, 2014 and reported to Cimarex personnel. Vibration caused the threads of a 2-inch pipe to crack at a 45 degree connection releasing approximately 40bbls of produced water. 0bbls were recovered. The fluid flowed east from the edge of the location for approximately 120-feet. The pipe was repaired and put back into service and Talon mobilized personnel to conduct a site assessment and soil sampling in the impacted area.

Initially a hand auger was used in an attempt to delineate the site. However due to the rockiness of the soil, refusal was encountered between 0.5 and 1-foot bgs. Subsequently a backhoe was mobilized to further delineate the site. The backhoe encountered refusal at 2-feet bgs and field chloride data showed that the release had not been successfully delineated. Consequently, an excavator was mobilized to complete the vertical delineation. Laboratory and field results are summarized in the table below.

Laboratory & Field Results

See Appendix III 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	ND	23200	ND	ND
S-1	1		10400		
S-1	2*		5317		
S-1	4		944		
S-1	7		816	<u> </u>	
S-2	0	ND	19600	ND	ND
S-2	1		10000		
S-2	2*		2268		
S-2	3		4880		
S-2	8		1740		
S-2	11		272	1-12-1-1	
S-3	0	ND	24400	ND	ND
S-3	0.5		19800		
S-3	2*		10422		
S-3	3	-	192		
S-4	0	ND	15800		
S-4	0.5		6100		
S-4	2*		1063		
S-4	3		128		
S-5	0	ND	21000	ND	ND
S-5	0.5		11000		<u></u>
S-5	2*		2694		
S-5	3		64		
S-6	0	ND	24800	ND	ND

S-6	1	13000		
S-6	2*	 7090	pad pan	
S-6	3	384		
BG-1	0	 ND		

(--) Analyte Not Tested

(ND) Analyte Not Detected

(*) Field Result

Based upon the site ranking of **20**, NMOCD Recommended Remedial Action Levels (RRAL's) are 50 mg/kg for BTEX, 10 mg for Benzene, and 100 mg/kg for TPH and 1,000 mg/kg for chloride.

Remedial Actions

April 29, 2014

- Talon mobilized personnel to conduct an initial site assessment and soil sampling activities, utilizing a hand auger.
- Refusal was encountered between 0.5 and 1-foot bgs.

May 17, 2014

- Talon mobilized a backhoe to further vertically delineate the chloride impacts on the site.
- The backhoe encountered refusal at 2-feet bgs. Field chloride data showed that the release had not been successfully delineated.

May 30, 2014 through June 2, 2014

• Talon mobilized an excavator to complete the vertical delineation of the impacted area.

August 6, 2014

• Excavation of the impacted area began, following regulatory approval of the work plan.

August 7 through August 14, 2014

• Excavation activities continued.

August 15, 2014

- The impacted area in the vicinity of sample locations S-1 and S-2 was excavated to a depth of 4-feet bgs.
- The impacted area in the vicinity of sample locations S-3, S-4, S-5, and S-6 was excavated to a depth of 2.5-feet bgs.
- A 20-mil reinforced liner with felt padding was installed in the excavation in the area around sample point S-2.
- Field chloride titrations were used to confirm that chloride concentrations were below RRAL's at 2.5 feet before collecting confirmation samples for laboratory analysis.
- The field chloride titrations showed that the chloride concentration at 2.5-feet was still above the RRAL for chloride.
- It was decided that the impacted area in the vicinity of S-3, S-4, S-5, and S-6 would be excavated to a depth of 3-feet bgs. Laboratory results from the vertical delineation activities showed that chloride concentrations were below 1,000 mg/kg at 3-feet bgs.
- The sudden reduction in chloride concentrations at 3-feet bgs is likely due to the restrictive nature of the rock layer that was encountered at 2-feet bgs.

August 16, 2014 through August 19, 2014

• Excavation activities continued.

August 20, 2014

• Excavation activities were completed.

August 21, 2014 through August 22, 2014

- The excavation was backfilled (with approval from NMOCD) with topsoil and contoured to match the surrounding terrain. Berms were construced to prevent erosion.
- The backfilled area was seeded with BLM #1 seed mixture.

Closure

On behalf of Cimarex Energy 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

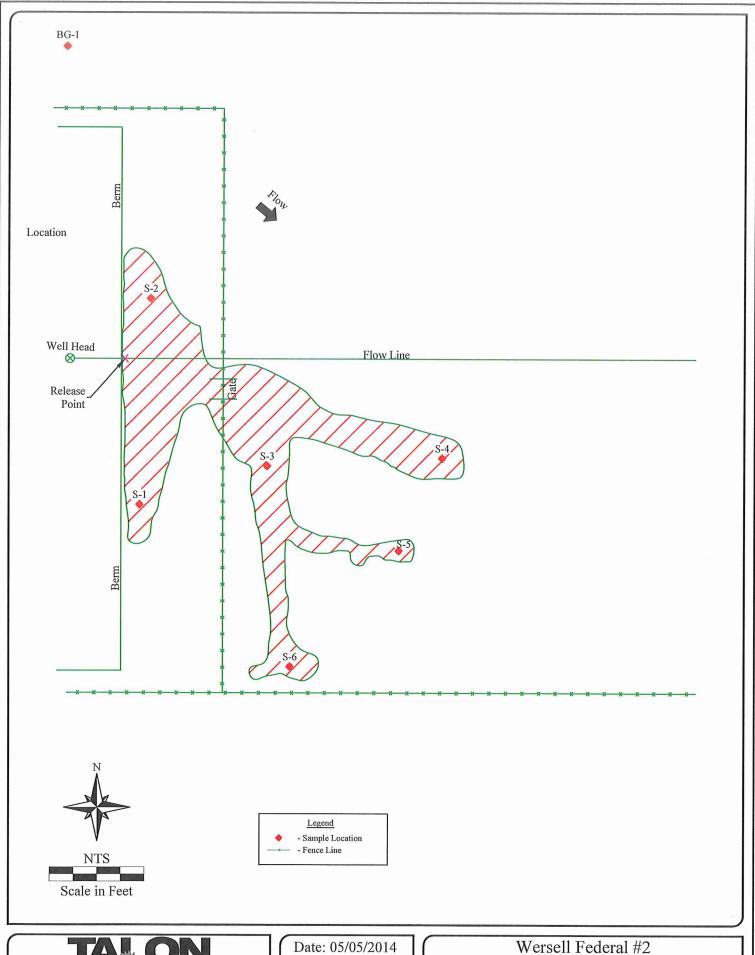
Sheldon Hitchcock

Project Manager

David J. Adkins

District Manager

SITE PLAN





Scale: NTS

Drawn By: TJS

Wersell Federal #2 Cimarex Energy Eddy County, New Mexico Figure 1 - Site Plan

GROUNDWATER DATA INITIAL C-141

&

FINAL C-141



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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

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

closed) (quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

	POD Sub-		0	Q	1							David	Danish	101-6
POD Number	Code basin (County			-	ec '	Tws	Rng	х	γ	Distance		and the same of th	Water Column
C 02193	С	ED			4 :	32	215	27E	574476	3588675*	856	55	15	40
C 00197	С	ED			,	32	218	27E	574067	3589068*	1423	300		
C 00751	С	ED			;	32	218	27E	574067	3589068*	1423	325	15	310
C 00344	С	ED		3	3	32	218	27E	573464	3588465*	1669	180	17	163
C 02009	С	ED		3	3	32	218	27E	573464	3588465*	1669	50	32	18
C 00589	С	ED	2	4	4	04	228	27E	576412	3586974*	1722			
C 03335	С	ED	4	1	3 ;	29	21S	27E	573636	3589020	1731	225	31	194
C 00566	C	ED	2	2	2	32	21S	27E	574773	3589785*	1737	323	18	305
C 00632	С	ED	2	2	2	32	215	27E	574773	3589785*	1737	270	30	240
C 00717	С	ED	3	3	1	05	22S	27E	. 573369	3587548*	1798	60	32	28
C 00660	С	ED	2	1	2	32	218	27E	574368	3589780*	1849	325	14	311
C 00337	С	ED	1	1 :	2	32	218	27E	574168	3589780*	1936	318	40	278
C 00783	С	ED	3	1	3	05	228	27E	573372	3587136*	1956	135	73	62

Average Depth to Water:

28 feet

Minimum Depth:

14 feet

Maximum Depth:

73 feet

Record Count: 13

Basin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Easting (X): 575088

Northing (Y): 3588076

Radius: 2000

*UTM location was derived from PLSS - see Help

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
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, APR 1 0 2014

RECEIVED

Form C-141 Revised August 8, 2011

1220 South St. Francis Dr.

Oil Conservation Division NMOCE And League of the District Office in 1220 South St. Francis Dr.

Santa Fe, NM 87505

. / .			Rele	ease Notific	cation	i and Co	rrective A	ction			
atter	14105	39495	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			OPERA	TOR	X Init	ial Report		Final Report
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Facility Nat	ne: Werse	ell Federal #	e 000, 141	idland, TX 797		Telephone f Facility Typ	No. (432)250-20 e: SWD	059			
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Unit Letter D	Section 4	Township 22S	Range 27E	Feet from the 660	North/ FNL	South Line	Feet from the 660	East/West Line FWL	County Eddy		ŀ
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		,		Latitude: 3	2.4273	5 Longitud	e: -104.2009				
		:		NAT	URE	OF REL	EASE				
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By Whom?					· ·		lour: 3/14/14.10:				
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regulations a	ll operators	are required t	o report ai	id/or file certain i	elease n	otifications a	nd perform correct	tive actions for re	leases which	may en	danger
should their of	or the envi perations h	ronment. The nave failed to a	acceptano ideouately	ce of a C-141 repo	ort by the emediate	e NMOCD m e contaminati	arked as "Final R on that nose a thr	eport" does not re	lieve the oper	ator of	liability
or the environ	nment. In a	ddition, NMC	CD accep	otance of a C-141	report d	oes not reliev	e the operator of	responsibility for	compliance w	ith any	other
federal, state,	or local lay	ws and/or regi	ilations.		T		OII CON	SERVATION	DIMISIC)NI	
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Printed Name	»: Johnny 7	'itsworth						pecialist:	~ F	<u> </u>	
Title: Enviro	nmental Co	ompliance Co	ordinator			Approval Dat	e: 4/15/10	-/ Expiration	Date:	VA	
E-mail Addre		rth@cimarex.	com			Conditions of	Approval:		Attached		
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

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

			Rel	ease Notific	atior	and Co	rrective A	ction		
						OPERA:	FOR		Initia	nl Report 🛛 Final Report
Name of Co							istine Alderman			
Facility Nat			600, Mi	dland, TX 79701		Telephone I Facility Typ	No. 432-250-20: ne SWD	59		
				10					A DI AI.	20.016.24946
Surface Ow	ner redera	<u>II</u>		Mineral O				I	API NO	. 30-015-24845
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Unit Letter D	Section 4	Township 22S	Range 27E	Feet from the 660	FNL	South Line	Feet from the 660	East/We FWL	est Line	County Eddy
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			\mathbf{L}_{i}	atitude <u>32,4273</u>	5	Longitud	le104.2009			
				NAT	URE	OF REL				
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Boulet of Ice	10030 2 110	WILLIO				3/14/14 10	:00		3/14/14 10	
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		K	Yes [_	No Not Re	quirea	Kim Barto	n			
By Whom?						Date and F				
Was a Water	course Read		Yes 🗵] No		If YES, Vo	lume Impacting t	ihe Water	course.	
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Describe Cau	ise of Probl	em and Reme	dial Actio	n Taken,*						
Vibration cat	ised the thre	eads of the 2"	pipe to cr	ack at a 45 degree	connect	ion. Talon/L	PE was contracted	d to comp	lete the re	mediation activities at this site.
Describe Are	a Affected	and Cleanup A	action Tal	cen.*			2740			
The impacted	l area was f	ully accessed	and deline	eated vertically and	horizo	ntally. The ir	npacted soil was a	excavated	to depths	varying from 3-feet below eet bgs. The impacted area was
				the surrounding ter						
I hereby certi	fy that the i	nformation gi	ven above	is true and compl	ete to th	e best of my	knowledge and u	nderstand	that purs	uant to NMOCD rules and
public health	or the envi	are required to ronment. The	o report a accentan	nd/or the certain re ce of a C-141 repo	ecase no rt by the	NMOCD m	arked as "Final R	eport ^u do	os not reli	eases which may endanger eve the operator of liability
should their o	perations h	ave failed to a	dequately	/ investigate and re	emediate	e contaminati	on that pose a thr	eat to gro	und water	, surface water, human health
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Printed Name	e: Christine	Alderman						1		
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LABORATORY RESULTS



June 10, 2014

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: WERSELL FED #2

Enclosed are the results of analyses for samples received by the laboratory on 06/03/14 15:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab 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 accredited analytes are denoted by a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes and accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are denoted by a complete list of accredited analytes are de

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. 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



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

Received;

06/03/2014

Reported:

06/10/2014

Project Name: Project Number:

WERSELL FED #2

Project Location:

701162.056.01

D-S4-T22S-R27E

Sampling Date:

06/02/2014

Sampling Type:

Sampling Condition:

Soil Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-1 4' (H401695-01)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Result

944

Reporting Limit

16.0

Reporting Limit

Reporting Limit

Reporting Limit

16.0

Analyzed Method Blank

% Recovery 100

True Value QC 400

RPD

0.00

RPD

0.00

Qualifier

Sample ID: S-1 7' (H401695-02)

Chloride, SM4500CI-B

Analyte

Analyte

Analyte

mg/kg

Analyzed By: AP

BS

400

Chloride

Chloride

Result 816

16.0 06/09/2014 Method Blank ND

ND

BS 400 % Recovery 100

True Value QC 400

Qualifier

Sample ID: S-2 3' (H401695-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyzed

Analyzed

06/09/2014

06/09/2014

Analyzed

Method Blank

BS

BS

400

% Recovery

True Value QC

Qualifier

Chloride

Chloride

Result 4880

Result

1740

16.0 06/09/2014 ND

400

100

400

RPD 0.00

Sample ID: S-2 8' (H401695-04)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

ND

Method Blank

% Recovery

100

True Value QC

400

RPD

0.00

Qualifier

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for any other cause whatsoever shall be deemed walved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or conseq All claims, including those for negligence and any other cause wascovered using the occurred warrent unless made in would also received by Centinal would take to perform the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Kiene



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

Reported: 06/10/2014

06/03/2014

Project Name: WERSELL FED #2
Project Number: 701162.056.01

Project Location: D-S4-T22S-R27E

Sampling Date:

06/02/2014

Sampling Type: Soil
Sampling Condition: Cool

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-2 11' (H401695-05)

Received:

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	06/09/2014	ND	400	100	400	0.00	
Sample ID: S-3 3' (H4010	695-06)	•							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Andrew Land			=:						

	1119	7109	Allalyze	u by: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/09/2014	ND	400	100	400	0.00	

Sample ID: S-4 3' (H401695-07)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	06/09/2014	ND	400	100	400	0.00	

Sample ID: S-5 3' (H401695-08)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/09/2014	ND	400	100	400	0.00	

Sample ID: S-6 3' (H401695-09)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	06/09/2014	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keena



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

Chloride by SM4500CI-B does not require samples be received at or below 6°C

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

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Celeg D. Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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Company Name	Company Name: Talon/LPE								Dia.		1.5	1	Jan 15	18 54 60 1					ANAI	ANALYSIS REQUEST	ZIII O	UES				L
Project Manager: D. Adkins	D. Adkins							_	# O.	196		1								-		***************************************	<u>-</u>	-	-	
Address: 408	Address: 408 W. Texas Ave.								Company:	9	Aur		₽,	Talon/LPE	PE							National disp				
city: Artesia	State: NM	Zip: 88210	8	ĭζ	0			_	Attn:				1				ation-point		-	-				,	Marie Company	
Phone #: 575-746-8768	.746-8768 Fax #: 575-746-8905	746	8	Š	0,				Address:	6	in.										-	-	-		-	
Project#: 701162.056.01	162,056.01 Project Owner: Cimarex	O	킀	376	×				City:													tenti (in) de	-	, and the same of		
Project Name: V	Project Name: Wersell Fed #2								State	10			Zip:	×			-					******			*************************************	
Project Location:	- ₹								Phone #) De	*												-		P-P-T-M	فستبعث
Sampler Name: S.	S. Hitchcock								Fax 非	*												-	-	-	- inara	
FOR-LABUSE-ONLY	- 18				-	MATRIX	RIX			R	PRESERV.	PV		SAMPLING	ING			-								
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لا	S-23'													_	0,30						* .	-	-	-	_	
4	S-28'														91.55							-		-	-	
G	S-2 11'	L												-	10,12	1					_			_		
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7	S-4 3'													الصبد	122	1		_			_		_	_		
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A													j	•												

5.60

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

lime:



May 08, 2014

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: WERSELL FED #2

Enclosed are the results of analyses for samples received by the laboratory on 04/30/14 17:00.

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



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

Received:

04/30/2014

Reported:

05/08/2014

Project Name: Project Number: WERSELL FED #2

Project Location:

701162.056.01 D-S4-T22S-R27E Sampling Date:

04/29/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-1 0' (H401313-01)

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	05/08/2014	ND	2.31	115	2.00	7.09	
Toluene*	<0.050	0.050	05/08/2014	ND	2.34	117	2.00	7.54	
Ethylbenzene*	<0.050	0.050	05/08/2014	ND	2.25	112	2.00	7.31	
Total Xylenes*	<0.150	0.150	05/08/2014	ND	6.84	114	6.00	7.16	
Total BTEX	<0.300	0.300	05/08/2014	ND					
Surrogate: Dibromofluoromethane	97.8	% 61.3-14	2						
Surrogate: Toluene-d8	106	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	103	% 65.7-14	1						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23200	16.0	05/05/2014	ND	400	100	400	3.92	a•
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	05/07/2014	ND	160	80.1	200	7.99	
DRO >C10-C28	<10.0	10.0	05/07/2014	ND	176	88.2	200	9.93	
Surrogate: 1-Chlorooctane	98.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	92.2	% 63.6-15	4						

Cardinal Laboratories

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Celey D. Keene



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

Fax To:

(575) 745-8905

Received:

04/30/2014

Reported:

05/08/2014

Project Name: Project Number: WERSELL FED #2 701162.056.01

Project Location:

D-S4-T22S-R27E

Sampling Date:

04/29/2014

Sampling Type:

Soil Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-1 1' (H401313-02)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Result

Reporting Limit

Analyzed

Method Blank

BS

% Recovery

True Value QC

0.00

Qualifier

Chloride

10400

16.0

05/07/2014

ND

400

100

400

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Celeg D. Keine



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

Received:

04/30/2014

Reported:

DIEV ORGOD

05/08/2014

Project Name:

WERSELL FED #2

Project Number: Project Location: 701162.056.01 D-S4-T22S-R27E Sampling Date:

. 04/29/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-2 0' (H401313-03)

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	05/08/2014	ND	2.31	115	2.00	7.09	
Toluene*	<0.050	0.050	05/08/2014	ND	2.34	117	2,00	7.54	
Ethylbenzene*	<0.050	0.050	05/08/2014	ND	2.25	112	2,00	7.31	
Total Xylenes*	<0.150	0.150	05/08/2014	ND	6.84	114	6.00	7.16	
Total BTEX	<0.300	0.300	05/08/2014	ND					
Surrogate: Dibromofluoromethane	94.9	% 61.3-14	2						
Surrogate: Toluene-d8	104	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	99.7	% 65.7-14	1				s		
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19600	16.0	05/07/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/07/2014	ND	160	80.1	200	7.99	
DRO >C10-C28	<10.0	10.0	05/07/2014	ND	176	88.2	200	9.93	۲,
Surrogate: 1-Chlorooctane	106	% 65,2-14	0	- 6					
Surrogate: 1-Chlorooctadecane	105	% 63.6-15	4						

Cardinal Laboratories

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Celey D. Keens



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

Fax To:

(575) 745-8905

Received:

04/30/2014

05/08/2014

Sampling Date:

04/29/2014

Reported:

Sampling Type:

Soil

Project Name:

WERSELL FED #2

Sampling Condition:

Cool & Intact

Project Number: Project Location:

701162,056,01 D-S4-T22S-R27E Sample Received By:

Jodi Henson

Sample ID: S-2 0' (H401313-04)

Chloride, SM4500CI-B	 mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10000	16.0	05/07/2014	ND	400	100	400	0.00	

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Celay D. Keene



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

Received:

04/30/2014

Reported:

RTFY R260R

05/08/2014

Project Name: Project Number: WERSELL FED #2 701162.056.01

Project Location:

D-S4-T22S-R27E

--- /I--

Sampling Date:

04/29/2014

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: S-3 0' (H401313-05)

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	05/08/2014	ND	2.31	115	2.00	7.09	
Toluene*	<0.050	0.050	05/08/2014	ND	2,34	117	2.00	7.54	
Ethylbenzene*	<0.050	0.050	05/08/2014	ND	2.25	112	2.00	7.31	
Total Xylenes*	<0.150	0.150	05/08/2014	ND	6.84	114	6.00	7.16	
Total BTEX	<0.300	0.300	05/08/2014	ND					
Surrogate: Dibromofluoromethane	95.7	% 61.3-14	2						
Surrogate: Toluene-d8	106	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	103	% 65.7-14	I						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24400	16.0	05/07/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/07/2014	ND	160	80.1	200	7.99	
DRO >C10-C28	<10.0	10.0	05/07/2014	ND	176	88.2	200	9.93	
Surrogate: 1-Chlorooctane	102	% 65.2-14	0					*****	3 3-
Surrogate: 1-Chlorooctadecane	103	% 63.6-15	4						

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Celey D. Keene



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

Received:

04/30/2014

Reported:

05/08/2014

Project Name: Project Number: WERSELL FED #2 701162,056,01

Project Location:

D-S4-T22S-R27E

Sampling Date:

04/29/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-3 0.5' (H401313-06)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	19800	16.0	05/07/2014	ND	400	100	400	0.00	

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Celey & Keene



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

Fax To:

(575) 745-8905

Received:

04/30/2014

Reported:

05/08/2014

Project Name:

WERSELL FED #2 701162,056.01

Project Number: Project Location:

D-S4-T22S-R27E

Sampling Date:

04/29/2014

Sampling Type:

Sampling Condition:

Soil Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-4 0' (H401313-07)

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	05/08/2014	ND	2.31	115	2.00	7.09	
Toluene*	<0.050	0.050	05/08/2014	ND	2.34	117	2.00	7.54	
Ethylbenzene*	<0.050	0.050	05/08/2014	ND	2,25	112	2.00	7.31	
Total Xylenes*	<0.150	0.150	05/08/2014	ND	6.84	114	6.00	7.16	
Total BTEX	<0.300	0.300	05/08/2014	ND					
Surrogate: Dibromofluoromethane	96.8	% 61.3-14	2						
Surrogate: Toluene-d8	108	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	102	% 65.7-14	1						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15800	16.0	05/07/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10,0	10.0	05/07/2014	ND	160	80.1	200	7.99	
DRO >C10-C28	<10.0	10.0	05/07/2014	ND	176	88.2	200	9.93	
Surrogate: 1-Chlorooctane	98.7	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	101 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keene



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

Fax To:

(575) 745-8905

Received: Reported: 04/30/2014

05/08/2014

WERSELL FED #2

Project Name: Project Number:

701162.056.01

Project Location:

D-S4-T22S-R27E

Sampling Date:

ate: 04/29/2014

Soil

Sampling Type: Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-4 0.5' (H401313-08)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

- -

Result

6100

Analyzed

Method Blank

BS

% Recovery

True Value QC

RPD

0.00

Qualifier

Chloride

Reporting Limit 16.0

05/07/2014

ND

400

100

400

Quali

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene



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

Received:

04/30/2014

Reported:

DTEV 92600

05/08/2014

Project Name:

WERSELL FED #2

Project Number: Project Location:

701162.056.01 D-S4-T22S-R27E Sampling Date:

04/29/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-5 0' (H401313-09)

Result	Donartina Live!t							
	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	05/08/2014	ND	2.31	115	2.00	7.09	
<0.050	0.050	05/08/2014	ND	2.34	117	2.00	7.54	
<0.050	0.050	05/08/2014	ND	2.25	112	2.00	7.31	
<0.150	0.150	05/08/2014	ND	6.84	114	6,00	7.16	
<0.300	0.300	05/08/2014	ND					
96.6	% 61.3-14	2						
106	% 71.3-12	9						
101	% 65.7-14	1						
mg/	/kg	Analyze	d By: AP					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
21000	16.0	05/07/2014	ND	400	100	400	0.00	
mg/	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	05/07/2014	ND	160	80.1	200	7.99	
<10.0	10.0	05/07/2014	ND	176	88.2	200	9.93	
105 5	% 65.2-14	0						
	<0.050 <0.050 <0.150 <0.300 96.6 1065 mg/ Result 21000 mg/ Result <10.0 <10.0	<0.050 0.050 <0.050 0.050 <0.150 0.150 <0.300 0.300 96.6 % 61.3-14 106 % 71.3-12 101 % 65.7-14 mg/kg Result Reporting Limit 21000 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0	<0.050	<0.050	<0.050	<0.050	<0.050	 <0.050

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*=Accredited Analyte

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Celeg D. Keene



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

Received:

04/30/2014

Reported:

05/08/2014

Project Name: Project Number: WERSELL FED #2

Project Location:

701162.056.01 D-S4-T22S-R27E Sampling Date:

04/29/2014

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-5 0.5' (H401313-10)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte Reporting Limit Result Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 11000 16.0 05/07/2014 ND 400 100 400 0.00

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Celeg D. Kreene



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

04/30/2014

Reported: 05/08/2014

Project Name: WERSELL FED #2 Project Number: 701162.056.01

Project Location: D-S4-T22S-R27E Sampling Date:

04/29/2014 Soil

Sampling Type: Sampling Condition:

Sample Received By:

Cool & Intact

Jodi Henson

Sample ID: S-6 0' (H401313-11)

Received:

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	05/08/2014	ND	2.31	115	2.00	7.09	
Toluene*	<0.050	0.050	05/08/2014	ND	2.34	117	2.00	7.54	
Ethylbenzene*	<0.050	0.050	05/08/2014	ND	2.25	112	2.00	7.31	
Total Xylenes*	<0.150	0.150	05/08/2014	ND	6.84	114	6.00	7.16	
Total BTEX	<0.300	0.300	05/08/2014	ND					
Surrogate; Dibromofluoromethane	97.8	% 61.3-14	2						
Surrogate: Toluene-d8	106	% 71.3-12	9						
Surrogate: 4-Bromofluorobenzene	104 9	% 65.7-14	1						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24800	16.0	05/07/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/07/2014	ND	160	80.1	200	7.99	
DRO >C10-C28	<10.0	10.0	05/07/2014	ND	176	88.2	200	9.93	
Surrogate: 1-Chlorooctane	111 9	65.2-14	0	- Alamana					
Surrogate: 1-Chlorooctadecane	104 9	63.6-15	4						

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Celey D. Keens



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

Fax To:

(575) 745-8905

Received:

04/30/2014

Reported:

05/08/2014

Project Name: Project Number:

WERSELL FED #2 701162,056.01

Project Location:

D-S4-T22S-R27E

Sampling Date:

Sampling Type:

04/29/2014

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S-6 1' (H401313-12)

Ch	loride,	SM45	OOCI-B
----	---------	------	--------

mg/kg

Analyzed By: AP

Analyte

Result

Reporting Limit

Analyzed

Method Blank

BS

% Recovery 100 True Value QC

RPD

Qualifier

Chloride

13000

16.0

05/07/2014

ND

400

400

Q

0.00

Sample ID: BG-1 0' (H401313-13)

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	05/07/2014	ND	400	100	400	0.00	

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Celeg D. Keene



·ND

Notes and Definitions

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon/LDE	Talon/I PF							11.11 11.11 11.11			1		ANAL	ANALYSIS REQUEST	ZEO.	EST				
Project Manager:	, C. C. C. C.					P.O. #				-	-				-	-				
Address: 408 W.	W. Texas Ave.					Company:	1 .	[alon/LPE	Ĕ	-	****								ip glandini	
city: Artesia		State: NM z	Zip: 88210	210		Attn:				سنحب										
Phone #: 575-746-8768	746-8768	Fax #: 575-746-8905	6-89	S		Address	56:				****								-	
Project #: 701162.056.01	62.056.01	Project Owner: Cimarex	Cima	[ex		City:										-	*****	-		
Project Name: \	Project Name: Wersell Fed #2					State:		Zip:			***	-			بولاكت					
Project Location	Project Location: D-S4-T22S-R27E	7E				Phone #:	渉												.,,	
Sampler Name:	S. Hitchcock					Fax#:						****								
FOR LABOSEONLY				2	MATRIX	PRI	PRESERV.	SAMPLING	NG	_	-							-		
		CM	s	R							oc.							tore and		
	Sample I.D.		NTAINER	DUNDWAT	DGE	IER : D/BASE;	/COOL IER:		י זיניי	PH	BTEX Chlorid	MOTIO			en en el 2 en el trad		<u> </u>			
	71.0		-#	_	0	o	-	11/26/11/11/11/11/11/11/11/11/11/11/11/11/11	10:37	4	\dagger	1		4	+	\dagger	+	1	1	
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PLEASE NOTE: Linkly are		الله محرالتياره تحسمك إم صلة د	Durana mini	whether bar	ed in contra	of tort, shall	Cardinal w	the amount pair	by the clean to the	dicable	1									Į
cervice, in no every studicion affiliatios of nuccesson actain	cervice. In no event shall Candran the Sabba-for incutational or communicated damages, including without landation, business informations, loss of use, or loss of profits insured by client, its substitutives, affiliation or exceeded a statistic of the contraction of the contract	quental damages, including without limbalen, bushnas intorruptions, tous of usa, or boss of pacific insurred by client; is subsidiaris of services horearder by Cardinal, regardiase of whether such think is based voon any of the aboys abside is soons or otherwise.	hout limitation	a, business as of wheth	interruptions er euch dahr	in based upo	or loss of pro	dis incurred by c above shaled rea	llent, its subsidiaries, sorsi or otherwise.											
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				ALLES IN		- 1														

Sampler - UPS - Bus - Other:

(Circle One)



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon/LPE Project Manager: AOS IVI Toyas Ave	P.O. #: Company: Talon/LPE	ANALYSIS
City:: Artesia State: NM Zip: 88210	Address:	
Project #: 701162.056.01 Project Owner: Cimarex	City:	
d #2	State: Zip:	
Profilert Location: D-S4-T22S-R27E	Phone #:	
S. Hitchcock	37	
R (C)OMP. NERS	SË:	
G)RAB OR CONTAINI GROUNDW. WASTEWAT GOIL	SLUDGE OTHER: ACID/BASE ICE / COOL OTHER: DATE	TPH BTE
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0	// // // // // // // // // // // // //	
3 86-10		
	-	
CLASE NOTE: Liebby and Demigra. Cardendo lastily and desired carden resired for only and the based in contract or in that is indeed in the arrowst pend by the class to the class with 30 days after cardenia at the projection. All classes in this projections and any other cause with 30 over the short of the state of	contract or tort, what he braised to the arrower, paid by the de thing and received by Cardinal within 30 days eiter complete the or the first in the brained by client, to a	ant fou the
egyrize. In no every small Cardinal be fields for instablish or cardedumina carrages, recovery containing out whether such claim is based upon any of the above stated company or difference or extractions are stated or instables of such cardinal carriers. In the cardinal carriers of such cardinal carriers are stated or instables of such cardinal carriers or such cardinal carriers. In the cardinal carriers of such cardinal carriers are stated or instables of such cardinal carriers are such cardinal carriers.	h claim is based upon any of the above stated remans of the	l: ☐ Yes
Relinquished By: Comparison Comparison Received By: Recei		□ Yes □ No
Sampler UPS - Bus - Other: Sampler - UPS - Bus - Other:	Sample Condition CHECKED BY: Cost Infact Cost Infact Cost Infact No. No.	
	1 No.	

SEED LABEL

urtis & Curtis, Inc 500 North Prince lovis, NM 88130 hone: (575) 762-4759,

Cimeney Wersell Fed # 701162.056.01

Germ & Total PLS m Purity Germ <u>Dormant</u> Dormant Date Pounds ue Grama Texas 14.02% 97.00% 0.00% 97.00% 13/13 Hachita ad Dropseed VNS Colorado 9.44% 22.00% 74.00% 96.00% 4.00 leoats Grama 32.00% 80.00% 03/14 20.00

Talon/LPE, LTD 2 Acre BLM #1, Broadcast Rate Acre Bags @ 22.07 Bilk Pounds Each

OM Energy Perkmay 35 Fed #6 30 015-41646

ier Crop: 0.53% 19.21% rt Matter;

There Are 2 Bags For This Mix This Bay Weigns 22.07 Bulk Pounds Use This Bag For I Acres

Total Bulk Pounds:

Curtis & Curtis, Inc 4500 North Prince Clovis, NM 88130 Phone: (575) 762-4759

Talon/LPE, LTD 2 Acre BLM # 1, Broadcast Rate l Acre Bags @ 22.07 Bulk Pounds Each 951 Energy - Perkway 35 Fed #6-30-015-41646. 201453032.01

Cimerex 701162.054.0

Total Bulk Pounds;

ot#: M-12311

The sale		7087	1666	8000		1 1	. 10
<u>tëm</u>		Origin	Purity	Germ	Dormant	Germ & . Dormant	Test Total PLS
Blue Grema		Texas	14.02%	97.00%	0.00%	97.00%	Date Pounds
Hachita	1			3066	100	- 1 diam	12/13 6.00
Sand Dropseed VNS	4	Colorado	9.44%	22.00%	74.03% ···	\$6.00%	12/13 4.00
Sideoats Grama		Texas	56.3%	48.00%	32.00%	**************************************	
Niner				40,0070	32.00%	80.00%	03/14 20.00

RH

Other Crop: There Are 2 Bags For This Mix This Bag Weighs 22.07 Bulk Pounds Use This Bag For 1 Acres 0.17% Weed Seed Inert Matter: 0.53% 19.21%

Cartia & Curtis Seed 4500 N. Prince Clove, NM 88101 Phone: 575-7 2 4759

Talon Drilling LF 3 Acre BLN 3 & #4 Broad ast kate 6-17 Acre Bers @ 27 47 Bulk Pounds

Cimerax Wersell Fed 10 701162.056.01

Lot# M-11148	Or gin	Puri⊽	Gean.	Dorm int	G. : €. Dormant	Test TutalPLS	
Sidedats Crams	New Mexico	40.30%	73.00%	1 00%	74 20%	09/12 42:00	
Veight	Colorado	R 19%	57.W%	21.13%	780%	03/12 9.00	
I oving ar Alkali Saceton	New Mexico	1.44%	21.00%	75.00%	96.00%	03/12 6.00	
VNS Four Wing Scitbs	ish New Merico	35.51%	34.00%	26.00%	60.30%	01/12 30.00	

Other Crip: 00.0%% Weed Seed 00.32% Inert Metter: 11.15% There is 6 Bags For Inis I fix Trils Rag Velchs 23.47 Bulk Poun is Use This Bag Far IIz Acres

Total Bulk Pounds: 141