

June 23, 2011

AMARILLO 92I North Bivins Amarillo. Texas 79107 Phone 806 4670607 Fax 806.467.0622 Mr. Mike Bratcher
NMOCD District 2
1301 West Grand Avenue
Artesia, NM 88210

ARTESIA

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

> AUSTIN 9II West Anderson Lane

> > Suite 202 Austin, Texas 78757 Phone 5I2.989.3428 Fax 5I2.989.3487

> > > HOBBS

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

MIDLAND

290I State Hwy 349 Midland, Texas 79706 Phone 432.522.2133 Fax 432 522.2180

#### SAN ANTONIO

II Commercial Place Schertz, Texas 78154 Phone 210.265.8025 Fax 210 568.2191

TULSA

525 South Main Street Suite 535 Tulsa, Oklahoma 74103 Phone 918.742 0871 Fax 918.382.0232

ENVIRONMENTAL CONSULTING

ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Subject: Soil Assessment and Remediation Work Plan

Devon Energy Corporation Goodnight 1 Fee No. 1H

API # 30-005-64132 -- 2RP-564

Dear Mr. Bratcher,

JUL 07 2011
NMOCD ARTESIA

Devon Energy Corporation has contracted Talon/LPE (Talon) to perform soil assessment and remediation services for the referenced Goodnight 1 Fee No. 1H release. Talon's soil assessment results and proposed work plan to perform remediation activities consist of the following:

#### **Incident Date**

January 5, 2011

#### **Background Information**

The Goodnight 1 Fee No. 1H is located approximately thirty-four (34) miles east of Roswell, New Mexico. The legal location for the site is Section 1, Township 12 South and Range 28 East in Chaves County, New Mexico. More Specifically the latitude and longitude for the release are 32.30707 North and -104.08448 West.

This site lies on undulating plains and low hills consisting of wind worked sandy deposits. Drainage courses in this area are normally dry. The local surface and shallow geology includes silty and clayey soils under lain by dense caliche layers and sandstone. The New Mexico State Engineer web site indicates the nearest ground water data to be in S2-T12S-R28E. The ground water in Section 2 is reported to be at an average depth of 145' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

The ranking for this site is 0 based on the as following:

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

Toll Free: 866.742.0742 www.talonlpe.com

#### **Incident Description**

On January 5, 2011 while drilling the surface hole for the Goodnight 1 Fee No. 1H, a release of two thousand three hundred (2300) barrels of drilling fluids and produced water occurred. Sixty-five (65) barrels were recovered and Devon Energy scraped the location. The impacted areas are located south and west of the location, and down a two track ranch road approximately 0.25 mile where it then pooled. Devon Energy excavated 0.25 miles of the two track road from the location to the pooling area to a depth of three feet (3'). They then refilled the road with new caliche. The pooling area south of location is estimated to be 345-feet long by 155-feet wide. The flow path to the west of location is estimated to be 96-feet long by 207-feet wide, where it then narrowed to 27-feet wide by 670-feet long. The pooling area off two track road is estimated to be one 165-foot long by 87-feet wide. A site plan provided by Devon Energy illustrating the impacted areas is attached.

### **Sampling Activities**

On May 4 and 5, 2011 Talon personnel and a drill rig were mobilized to begin site assessment and soil sampling for the construction of a work plan. Grab soil samples were collected utilizing a split spoon auger rig. Bore holes were drilled into the impacted areas on the location and into the impacted areas located along flow path. Soil samples were collected from the impacted areas and were tested on site using field titration method for chlorides to determine the vertical impacts of the release. The soil sample locations were labeled S-1 through S-21. A sample location map is also appended.

Soils samples were collected by Talon personnel wearing clean nitrile gloves. The samples were placed in laboratory provided glassware and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for Total Chlorides via Method SM4500Cl-B. The complete laboratory reports dated May 13, 2001 and May 18, 2011 are attached hereto in Appendix II, and the resulting data is summarized below.

	S-1		S-2		S-3		<b>S-4</b>		S-5
Feet	Chlorides	Feet	Chlorides	Feet	Chlorides	Feet	Chlorides	Feet	Chlorides
0'	11200	0'	20600	0'	4240	0'	7500	0'	80
2'	17400	2'	20400	21	208	2'	624	2'	<16
4'	496	4'	<16	4'	288	4'	624	4'	48
6'	128	6'	64	6'	576	6'	320	6'	48
8'	32	8'	288	8'	384	8'	192	8'	64
10'	288	10'	208	10'	544	10'	496	10'	80
15¹	160	15'	304	15'	256	15'	448	15'	160

	S-6	·	S-7		S-8		S-9	S-10		
Feet	Chlorides									
01	45600	0'	53600	0'	63200	0'	28000	0'	32000	
2'	11400	21	11800	2'	17000	2'	6700	2'	2720	
4'	400	4'	432	4'	80	4'	64	4'	672	
6'	208	6'	160	6'	320	6'	112	6'	1170	
8'	208	8'	448	8'	192	8'	96	81	576	
10'	384	10'	144	10'	144	10'	32	10'	448	
15'	400							15'	256	

	S-11		S-12		S-13		S-14		S-15		
Feet	Chlorides										
0'	44400	0'	83200	oʻ	39600	0'	74400	0'	35600		
21	8200	2'	10900	2'	8800	2'	12800	2'	12400		
4¹	928	4'	32	4'	144	4'	496	4'	1550		
6'	400	6'	48	6'	208	6'	336	6'	336		
8'	240	81	4400	8	432	8'	464	8'	496		
10'	240	10'	400	10'	224	10'	384	10'	272		
15'	192	15'	352	15'	224	15'	192	15'	224		

S-16			S-17		S-18		S-19		5-20 Chlorides 5120		
Feet	Chlorides										
0'	5040	0'	23200	0'	272	0'	2400	Ō	5120		
2'	432	2'	96	2'	<16	2'	<16	2'	832		
41	928	4'	1260	4'	128	4'	<16	4'	208		
6'	384	6'	368	6'	336	6'	<16	6'	48		
8'	640	8'	384	8'	272	8'	<16	8'	48		
10'	1420	10'	592	10'	272	10'	<16	10'	320		
15'	208	15'	224	15'	208	15'	<16	15'	32		

S-21									
Feet	Chlorides								
0'	288								
2'	2480								
4'	64								
6'	48								
8'	32								
10'	16								
15'	96								

<sup>\*\*</sup> Chlorides are expressed in mg/kg

For this site's ranking, New Mexico Oil Conservation District action level criteria for BTEX are 50 mg/kg, Benzene is 10 mg/kg and TPH is 5,000 mg/kg. The chloride remediation standard is considered to be 1,000 mg/kg.

#### General Soil Lithology

S-14	<u>Depth</u>	Description
	0' - 2'	light brown silty sands and weathered caliche
	2' - 8'	light red/brown to red/brown slightly silty sands and caliche
	8' - 15'	dense red/brown slightly silty sands and caliche
S-21	<u>Depth</u>	Description
	0' - 4'	light red/brown silty sands and weathered caliche
,	4' - 8'	dense red/brown caliche
	8' - 12.5'	light red/brown silty sands and caliche
	12.5'- 15'	light red/brow slightly clayey sands with trace amounts of gypsum

# **Summary and Conclusions**

- Ground water in the project vicinity is greater than 100-feet below land surface per the New Mexico State Engineer Database.
- Based upon the results of the laboratory data obtained for this investigation, the majority of the vertical impacts (above remedial action levels) from this release appear to be confined to a depth of 2-feet deep within impacted areas.
- Based on the depth to groundwater and the chloride levels detected in the soil at the sample locations, it is unlikely that the chloride impacts identified from this release will pose a threat to groundwater

#### **Proposed Remedial Actions**

- The impacted soil to a depth of 2-feet will be excavated and transported to an NMOCD approved solid waste disposal facility for disposal. Exceptions include the impacted area near S-15 south of the release which will be excavated to a depth of 4-feet below land surface.
- The area adjacent to the borings S-16, S-17, S-19 and S-20 (also south of the release) will be excavated to 1-foot below land surface. No excavation activities will be undertaken near sample locations S-5 and S-18.
- The excavated area will be backfilled to grade using new material transported from a local borrow pit. The backfill material will be contoured to match the surrounding terrain and the area will be seeded with an approved seed mixture.
- A closure report detailing all site activities, analytical data, site plan and a final C-141 Form will be provided to the NMOCD.

Should you have any questions or if further information is required, please do not hesitate to contact us at 575.746.8768.

Respectfully submitted,

TALON/LPE

Mike Stubblefield

Mike (Sullypiel

Project Manager

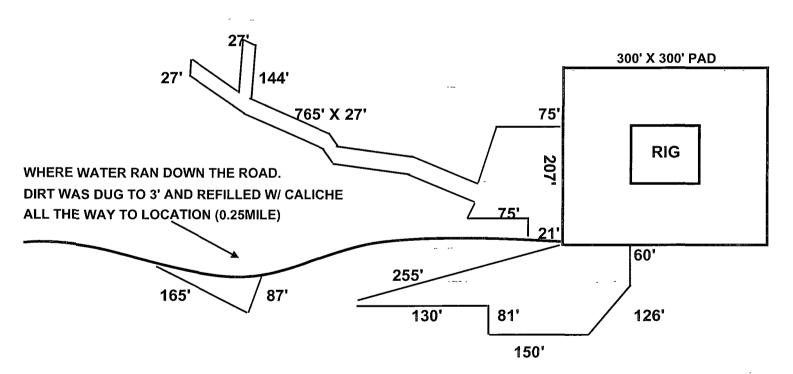
David J. Adkins

District Manager

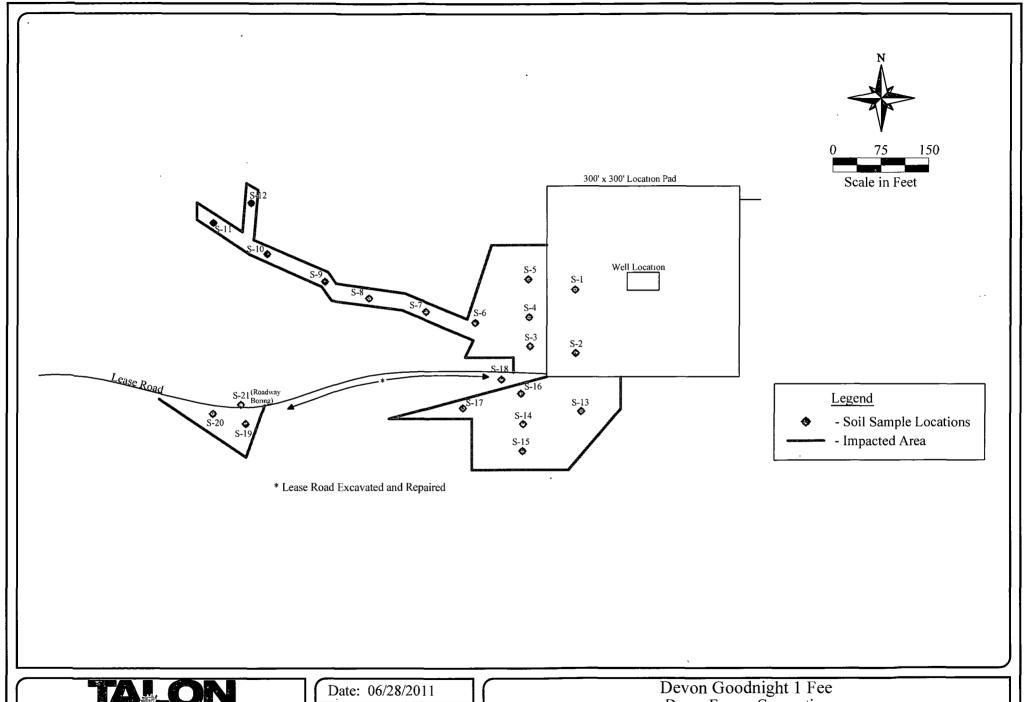
# SITE MAP







\*\*\* DRAWING NOT TO SCALE. AREAS OF INTEREST IS WHERE WATER FLOWED ONLY. DOESN'T RELATE TO WHERE GROUND WAS DUG/TURNED OR VEGETATION DISTURBED.



TALON LPE

Scale: 1'' = 150'

Drawn By: TJS

Devon Goodnight 1 Fee Devon Energy Corporation Chavez County, New Mexico Figure 1 - Soil Boring Locations

# APPENDIX I GROUNDWATER DATA INITIAL C-141 FORM



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

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

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

(In feet)

		(quarte	rs a	re s	sma	allest	to larg	est)	(NAD83 OTN	i in meters)		(in teet)	
	Sub	•	Q	Q	Q					ı	Depth D	epth W	/ater
POD Number	basin Use	County	64	16	4	Sec	Tws	Rng	<b>X</b> :	Ϋ́г	WellV	/aterCo	lumn
RA 10635	DOM	СН	3	3	4	02	12S	28E	583539	3684960*	200	140	60
RA 11198 POD1	STK	СН	3	4	2	18	12S	28E	577551	3682494*	180	150	30
									Avera	age Depth to	Water:	145 fe	et
										Minimum	Depth:	140 fe	et
										Maximum	Depth:	150 fe	et

**Record Count: 2** 

PLSS Search:

Section(s): 1-36

Township: 12S

Range: 28E

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

# State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

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

# **Release Notification and Corrective Action**

						OPERA	ΓOR	× ×	] Initia	ıl Report 🔲 Final Report		
Name of Co	mpany	<del></del>			- 1	Contact						
		duction Co		L.P.		Ralph Montoya, Drilling Superintendant						
		Rivers Hv					No. <b>575-748-9</b> 9	935				
Facility Nai	Facility Name Goodnight 1 Fee					Facility Typ	е					
Surface Ow	ner			Mineral O	wner			]	Lease N	To. 1H		
				LOCA	TIOI	OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the 2585	North/	South Line	Feet from the	East/Wes	t Line.	County		
G								East	i	Chaves		
Latitude 33 deg 18'25.961" Longitude 104 deg 05'03.634"												
Type of Rele	000	·		NAT	URE	OF REL		17	Zaluma D	Lecovered		
Drilling flui		ater				Estimate		I .	olume k <b>5 bbls</b>	tecovered		
Source of Re	lease						lour of Occurrence	- 1 -		Hour of Discovery		
Unexpecte Was Immedi						If YES, To	- 4:00 AM	0	1/05/11	- 4:00 AM		
was immedi	ate Notice		Yes [	No Not Re	equired	Tim Gum						
By Whom?	4					Date and H			,			
Was a Water		ched?					- 11:00AM olume Impacting t	the Waterco	ourse.			
			Yes 🔀			1 1 2 2, 7,				RECEIVED		
If a Watercon	ırse was Im	pacted, Descr	ibe Fully.	*		JUL 07 2011						
Describe Cau	ise of Probl	lem and Reme	dial Actio	n Taken.*	donad	SWD wall a	nnrovimatoly	1500ff fro	m lood	HANNIEWER ARTESIA		
surface ho	le at 1,323	3' when kick	occurre	d. Due to the pr	ressure	of the old	injection zone	and the li	mitatio	<del>ns of well</del> control, a 2300		
bbl spill oc	curred. P	roper divers	ion tech	niques were us	ed to c	ontrol the a	amount of the s	spill by fill	ling up	unused tanks on location.		
				ack hoes, bulld	lozers,	and dump	trucks to well s	site ASAP	) <u>.</u>			
		and Cleanup			sil to G	andy - Mari	lov salt dispos	al and lan	તકાા 1	Γalon LPE, is going out to		
				ork that will be r			ley sait dispos	ai aiiu iaii	iu iiii. I	raion EFE, is going out to		
I hereby cert	ify that the	information g	iven above	e is true and comp	lete to th	he best of my				suant to NMOCD rules and		
										eases which may endanger		
										ieve the operator of liability r, surface water, human health		
										ompliance with any other		
federal, state,	or local la	ws and/or regu	ılations.			· · · · · · · · · · · · · · · · · · ·						
Signature:	Signature: Mykol Horner						OIL CON	SERVA	TION	DIVISION		
D												
Printed Name: Mykol Horner				Approved by	District Supervis	sor:						
Title:	Field	d Tech 1				Approval Da	te:	 Ex <sub>1</sub>	piration	Date:		
E-mail Addre	ess: mvkc	ol.horner@d	vn.com			Conditions o	f Approval·					
				- 740 0400						Attached		
Date: 01/07/10 Phone: 575-748-0160												

<sup>\*</sup> Attach Additional Sheets If Necessary

# APPENDIX II LABORATORY RESULTS



June 02, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: GOODNIGHT 1 FEE

Enclosed are the results of analyses for samples received by the laboratory on 05/11/11 14:33.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

05/11/2011

Sampling Date:

05/04/2011

Reported:

06/02/2011

Sampling Type:

Soil

Project Name:

**GOODNIGHT 1 FEE** 

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 1. T12S . R28E

#### Sample ID: S - 1 0' (H100956-01)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	11200	16.0	05/12/2011	ND	448	112	400	3.64			
Sample ID: S - 1 2' (H10	00956-02)										
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	17400	16.0	05/12/2011	ND	448	112	400	3.64			
Sample ID: S - 1 4' (H10	00956-03)										
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	496	16.0	05/12/2011	ND	448	112	400	3.64			
Sample ID: S - 1 6' (H10	00956-04)							1	· ·		
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Chloride	128	16.0	05/12/2011	ND	448	112	400	3.64			

#### Cardinal Laboratories

\*=Accredited Analyte

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

Celey D. Keene



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

Received: Reported: 05/11/2011

06/02/2011

Project Name: Project Number: **GOODNIGHT 1 FEE** 700794.005.01

Project Location:

SEC. 1. T12S . R28E

Sampling Date:

Sampling Type:

05/04/2011

Soil

Sampling Condition:

\*\* (See Notes)

Sample Received By:

Jodi Henson

Sample ID: S - 1 8' (H100956-05)

Chioride,	SM4500CI-
-----------	-----------

#### mg/kg

#### Analyzed By: HM

Analyte

Result Reporting Limit

mg/kg

32.0

16.0

Reporting Limit

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed 05/12/2011 Method Blank ND

BS 448

112

% Recovery

400

RPD

3.64

Sample ID: S - 1 10' (H100956-06)

Chloride, SM4500CI-B

Analyte

Analyte

Analyte

Analyte

Analyzed By: HM

Analyzed

Method Blank

% Recovery

True Value QC

True Value QC

Qualifier

Oualifier

Chloride

Chloride

Chloride

Chloride

Chloride

288

Result

160

Result

20600

Result

20400

Result

16.0 05/12/2011 ND

BS 448

112

400

RPD 3.64

Sample ID: S - 1 15' (H100956-07)

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

BS

% Recovery

Qualifier

Analyzed 05/12/2011 Method Blank ND

448

112

True Value QC 400

RPD

Sample ID: S - 2 0' (H100956-08)

mg/kg

Analyzed By: HM

3.64

Chloride, SM4500Cl-B

05/12/2011

Analyzed

Method Blank ND

BS 448

% Recovery

True Value QC

RPD

Qualifier

Sample ID: S - 2 2' (H100956-09)

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

ND

112

400

400

3.64

Analyzed

05/12/2011

Method Blank BS

448

% Recovery

112

True Value QC

RPD

3.64

Qualifier

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene



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

Received:

05/11/2011

05/04/2011

Reported:

06/02/2011

Sampling Date: Sampling Type:

Soil

Project Name:

GOODNIGHT 1 FEE

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 1. T12S . R28E

Sample ID: S - 2 4' (H100956-10)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte

Result

Reporting Limit Analyzed 16.0 05/12/2011 Method Blank ND

BS 448 % Recovery 112

True Value QC

Qualifier

RPD

3.64

RPD

3.64

Chloride

Chloride, SM4500Cl-B

Analyte

Analyte

Analyte

Analyte

mg/kg

Reporting Limit

Reporting Limit

Analyzed By: HM

400

Sample ID: S - 2 6' (H100956-11)

Analyzed Method Blank

BS % Recovery

Chloride

Result 64.0

<16.0

16.0 05/12/2011 ND

True Value QC 400

Qualifier

Sample ID: S - 2 8' (H100956-12)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyzed

Method Blank

BS

448

% Recovery

RPD

Chloride

Chloride

Chloride

Result 288

16.0 05/12/2011

ND

448

112

True Value QC

Qualifier

Analyzed By: HM

112

400

3.64

Sample ID: S - 2 10' (H100956-13)

Chloride, SM4500Cl-B

mg/kg

Analyzed

Method Blank

BS

% Recovery

True Value QC

RPD

208

Result

304

Result

Reporting Limit 16.0

Reporting Limit

16.0

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 Laboratones.

05/12/2011

ND

448

112

400

Qualifier

Sample ID: S - 2 15' (H100956-14)

Chloride, SM4500Cl-B

Analyzed

05/12/2011

Method Blank

ND

BS

448

3.64

Analyzed By: HM

% Recovery

112

True Value QC

400

RPD

3.64

Qualifier

Cardinal Laboratories

\*=Accredited Analyte

Cardinal's liability and client's exclusive remedy for any claim anang, whether based in contract or tort, shall be limited to the amount paid by chent for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed warved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service, 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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 29



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

Received: Reported: 05/11/2011

06/02/2011

Project Name: Project Number:

**GOODNIGHT 1 FEE** 700794.005.01

Project Location:

SEC. 1. T12S . R28E

Sampling Date:

05/04/2011

Sampling Type:

Soil

Sampling Condition:

\*\* (See Notes)

Sample Received By:

Jodi Henson

Sample ID: S - 3 0' (H100956-15)

Chloride

Chloride

Chloride

ma	/ K

#### Analyzed By: HM

Analyte

Result

4240

Result

208

Reporting Limit 16.0

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

Analyzed 05/12/2011

Analyzed

05/12/2011

Method Blank ND

BS 448

BS

448

112

% Recovery

400

True Value QC

RPD

3.64

Sample ID: S - 3 2' (H100956-16)

chloride,	SM4500Cl-B	

Analyte

mg/kg

Analyzed By: HM

Method Blank

% Recovery

112

112

True Value OC

400

Qualifier

Qualifier

Sample ID: S - 3 4' (H100956-17)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Result Reporting Limit Analyte 288 16.0

Analyzed 05/12/2011 Method Blank ND

ND

BS 448 % Recovery True Value QC RPD

3.64

RPD

3.64

Qualifier

Sample ID: S - 3 6' (H100956-18)

Chloride, SM4500Cl-B

Analyte

Analyte

mg/kg

Result

576

Analyzed By: HM

Analyzed

05/12/2011

Analyzed

Method Blank

ND

BS 448 % Recovery 112

True Value OC 400

400

RPD

3.64

Sample ID: S - 3 8' (H100956-19)

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

Oualifier

Chloride

Chloride

Result 384

05/12/2011 16.0

Method Blank ND

BS 448 % Recovery 112

True Value QC 400

RPD Qualifier 3.64

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

Received: Reported: 05/11/2011

06/02/2011

Project Name: Project Number: **GOODNIGHT 1 FEE** 700794.005.01

Project Location:

SEC. 1, T12S . R28E

Sampling Date:

Sampling Type:

05/04/2011

Sampling Condition:

Soil

Sample Received By:

\*\* (See Notes)

Jodi Henson

## Sample ID: S - 3 10' (H100956-20)

Chloride,	SM4500CI-B

Chloride

Chloride

Chloride

mg/kg

Analyzed By: HM

Analyte Result 544

Reporting Limit 16.0

16.0

16.0

Analyzed 05/12/2011 Method Blank ND

BS 448

112

% Recovery

400

True Value QC

RPD

Qualifier

3.64

Sample ID: S - 3 15' (H100956-21)

Chloride,	SM <sup>2</sup>	\$500CI-B	

Ana	lyzed	By:	нм	

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/12/2011	ND	448	112	400	3.64	

#### Sample ID: S - 4 0' (H100956-22)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: HM		
Analyte	Result	Reporting Limit	Analyzed	Method	

7500

624

Analyzed	Ву:	НМ	

Method Blank

ND

BS % Recovery

True Value QC

400

RPD

3.64

Qualifier

#### Sample ID: S - 4 2' (H100956-23)

Chloride, SM4	\$500CI-B
	Analyte

mg/kg Result Reporting Limit Analyzed By: HM

05/12/2011

05/12/2011

Analyzed

Method Blank ND

BS 448

448

% Recovery 112

112

True Value QC 400

RPD 3.64

Qualifier

#### Sample ID: S - 4 4' (H100956-24)

Chloride, SM4500CI-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	05/12/2011	ND	448	112	400	3.64	

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

Received: Reported: 05/11/2011 06/02/2011

Project Name:

GOODNIGHT 1 FEE 700794.005.01

Project Number: Project Location:

SEC. 1. T12S . R28E

Sampling Date:

Sampling Type:

05/04/2011 Soil

oling Type:

\*\* (See Notes)

Sampling Condition: Sample Received By:

...

Jodi Henson

# Sample ID: S - 4 6' (H100956-25)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM		· · · · · · · · · · · · · · · · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/12/2011	ND	448	112	400	3.64	
Sample ID: S - 4 8' (H100	956-26)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/12/2011	ND	448	112	400	3.64	
Sample ID: S - 4 10' (H10	00956-27)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/12/2011	ND	448	112	400	3.64	
Sample ID: S - 4 15' (H10	00956-28)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM		· · · · · · · · · · · · · · · · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/12/2011	ND	448	112	400	3.64	
Sample ID: S - 5 0' (H100	0956-29)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM		_			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/12/2011	ND	448	112	400	3.64	

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Fax To:

(575) 745-8905

Received: Reported: 05/11/2011

06/02/2011

**GOODNIGHT 1 FEE** 

Project Name: Project Number:

700794.005.01

Project Location:

SEC. 1. T12S . R28E

Sampling Date:

05/04/2011

Sampling Type:

Soil

Sampling Condition:

\*\* (See Notes)

Sample Received By:

Jodi Henson

Sample ID: S - 5 2' (H100956-30)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte

Result Reporting Limit

16.0

Reporting Limit

Reporting Limit

Analyzed 05/12/2011

Analyzed

Analyzed

Method Blank ND

BS 448

112

% Recovery

True Value QC 400

RPD

3.64

RPD

Qualifier

Sample ID: S - 5 4' (H100956-31)

Chloride, SM4500CI-B Analyte

Analyte

Analyte

mg/kg

Analyzed By: HM

Method Blank

% Recovery

Qualifier

Chloride

Chloride

Result 48.0

<16.0

16.0 05/12/2011 ND

BS 448

112

True Value QC 400

3.64

Sample ID: S - 5 6' (H100956-32)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

BS

RPD

Qualifier

Chloride

Chloride

Chloride

Result 48.0

05/12/2011 16.0

Method Blank ND

448

% Recovery 112

True Value QC

Sample ID: S - 5 8' (H100956-33)

Chloride, SM4500CI-B

mg/kg

Analyzed By: HM

400

3.64

Result

64.0

Result

80.0

Reporting Limit 16.0

Analyzed 05/12/2011

Method Blank

BS

% Recovery

True Value QC

RPD

Qualifier

Chloride, SM4500CI-B

Reporting Limit

16.0

Analyzed

05/12/2011

ND

432

108

400

3.64

Sample ID: S - 5 10' (H100956-34)

mg/kg

Analyzed By: HM

Method Blank

ND

BS

432

% Recovery

108

True Value OC

400

RPD

3.64

Qualifier

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Celey D. Keene, Lab Director/Quality Manager

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06/02/2011

Project Name:

**GOODNIGHT 1 FEE** 

Project Number:

700794.005.01

Project Location:

SEC. 1, T12S, R28E

Sampling Date:

05/04/2011

Sampling Type:

Sampling Condition:

Soil \*\* (See Notes)

Sample Received By:

Jodi Henson

Sample ID: S - 5 15' (H100956-35)

Chloride,	SM4500CI-B

mg/kg

mg/kg

mg/kg

160

Result

45600

Analyzed By: HM

Analyte

Result Reporting Limit

16.0

Reporting Limit

Analyzed 05/12/2011 Method Blank ND

BS 432 % Recovery 108

True Value QC 400

RPD

3.64

Qualifier

Sample ID: S - 6 0' (H100956-36)

Chloride, SM4500Cl-B	

Analyzed By: HM

Analyzed

Method Blank BS

Chloride

Chloride

Chloride

Chloride

16.0 05/12/2011 ND

432

% Recovery 108

True Value QC 400

RPD Qualifier

3.64

Sample ID: S - 6 2' (H100956-37)

Chloride, SM4500Cl-B

Analyzed By: HM

Analyzed

Analyte

Analyte

Analyte

Result Reporting Limit 11400 05/12/2011 16.0

Reporting Limit

16.0

Method Blank

ND

BS 432 % Recovery 108

True Value QC 400

RPD

3.64

Sample ID: S - 6 4' (H100956-38)

Chloride, SM4500CI-B

mg/kg

Result

400

Analyzed By: HM

Analyzed

05/12/2011

ND

Method Blank

BS

432

432

% Recovery 108

% Recovery

108

True Value QC

400

True Value QC

400

RPD 3.64

Qualifier

Qualifier

Sample ID: S - 6 6' (H100956-39)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Analyte Result Reporting Limit Analyzed Chloride 208 16.0 05/12/2011

Method Blank BS

ND

RPD

3.64

Qualifier

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Sampling Date:

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Reported:

06/02/2011

Sampling Type:

Soil

Project Name:

GOODNIGHT 1 FEE

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

Sample Received By:

Jodi Henson

Analyte

Project Location: SEC. 1. T12S . R28E

Sample ID: S - 6 8' (H100956-40)

Chloride,	SM4500CI-B

- 1	m	a	1	b

#### Analyzed By: HM

Reporting Limit Analyzed Method Blank

BS

% Recovery

True Value QC

400

Chloride

Result 208

16.0

05/12/2011

ND

432

108

RPD 3.64 Qualifier

Sample ID: S - 6 10' (H100956-41)

Chloride,	SM4500Cl-B

#### Analyzed By: HM

Chloride, SM4500CI-B	mg,	/kg	Analyze	đ By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/12/2011	ND	432	108	400	3.64	

#### Sample ID: S - 6 15' (H100956-42)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/12/2011	ND	432	108	400	3.64	

#### Sample ID: S - 7 0' (H100956-43)

Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	53600	16.0	05/12/2011	ND T	432	108	400	3.64	

#### Sample ID: S - 7 2' (H100956-44)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11800	16.0	05/12/2011	NĐ	432	108	400	3.64	

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Received:

05/11/2011

Sampling Date:

05/04/2011

Reported:

06/02/2011

Sampling Type:

Soil

Project Name:

**GOODNIGHT 1 FEE** 

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 1. T12S . R28E

Sample ID: S - 7 4' (H100956-45)

Chl	loride.	SM4500CI-I	В

		•-
m	п	к

432

Result

160

#### Analyzed By: HM

Analyte

Chloride

Chloride

Chloride

Chloride

Result

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed 05/12/2011 Method Blank ND

BS 432

BS

432

432

% Recovery 108

True Value QC 400

RPD

Qualifier 3.64

Sample ID: S - 7 6' (H100956-46)

Analyte

mg,	/ka

#### Analyzed By: HM

Analyzed

05/12/2011

Analyzed

05/12/2011

Method Blank

ND

ND

ND

ND

% Recovery

108

108

% Recovery

108

True Value QC

400

RPD

3.64

#### Sample ID: S - 7 8' (H100956-47) Chlorid

ride, SM4500Cl-B	mg/kg			
Annlida	Dogult	D		

#### Analyzed By: HM

Analyte	Result	Reporting Limit
	448	16.0

Method Blank BS

% Recovery

True Value QC

400

RPD

3.64

Qualifier

Qualifier

Qualifier

#### Sample ID: S - 7 10' (H100956-48)

#### Chloride, SM4500CI-B

#### mg/kg

## Analyzed By: HM

Analyte

Result 144

Reporting Limit Analyzed 16.0 05/12/2011

Method Blank

BS 432

% Recovery 108

True Value QC 400

RPD

3.64

3.64

#### Sample ID: S - 8 0' (H100956-50)

Chioride, SM4500CI-B	mg,	/ Kg	Analyzed By: H		
Analyte	Result	Reporting Limit	Analyzed	Meth	

63200

16.0

нм hod Blank

05/12/2011

BS 432 True Value QC

400

RPD Qualifier

Cardinal Laboratories

Chloride

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Reported:

06/02/2011

Sampling Type:

Soil

Project Name:

**GOODNIGHT 1 FEE** 700794.005.01

Sampling Condition: Sample Received By:

\*\* (See Notes) Jodi Henson

Project Number: Project Location:

SEC. 1. T12S . R28E

Chloride, SM4500Cl-B	mg	mg/kg		Analyzed By: HM		·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17000	16.0	05/12/2011	ND	432	108	400	3.64	
Sample ID: S - 8 4' (H10	0956-52)	-							
Chloride, SM4500Cl-B	. mg	/kg	Analyze	d By: HM					
Analyte '	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/12/2011	ND	432	108	400	3.64	
Sample ID: S - 8 6' (H10 Chloride, SM4500Cl-B	0956-53) mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/13/2011	ND	448	112	400	3.64	
Sample ID: S - 8 8' (H10	0956-54)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/13/2011	ND	448	112	400	3.64	
Sample ID: S - 8 10' (H1	.00956-55)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
/ Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/13/2011	ND	448	112	400	3.64	

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Received:

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Reported:

06/02/2011

Project Name: Project Number: **GOODNIGHT 1 FEE** 700794.005.01

Project Location:

SEC. 1. T12S . R28E

Sampling Date:

05/04/2011

Sampling Type:

Sampling Condition: Sample Received By: \*\* (See Notes)

Jodi Henson

Sample ID: S - 9 0' (H100956-57)

Chloride	SM4500CI-B	

Chloride

mg/kg

Analyzed By: HM

Analyte

Result

28000

Reporting Limit 16.0

Analyzed 05/13/2011 Method Blank ND

BS 448

112

% Recovery

True Value OC 400

RPD 3.64 Oualifier

Sample ID: S - 9 2' (H100956-58)

Chloride, SM4500Cl-B	m

Chloride, SM4500CI-B	mg/l	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6700	16.0	05/13/2011	ND	448	112	400	3.64	

#### Sample ID: S - 9 4' (H100956-59)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM		W-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD 1	Qualifier
Chloride	64.0	16.0	05/13/2011	ND	448	112	400	3.64	

# Sample ID: S - 9 6' (H100956-60)

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/13/2011	ND	448	112	400	3.64	

#### Sample ID: S - 9 8' (H100956-61)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/13/2011	ND	448	112	400	3.64	

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Received:

05/11/2011

Sampling Date:

05/04/2011

Reported:

06/02/2011

Sampling Type:

Soil

Project Name:

GOODNIGHT 1 FEE

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 1. T12S . R28E

#### Sample ID: S - 9 10' (H100956-62)

Chloride, SM4500CI-B	mg	Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/13/2011	ND	448	112	400	3.64	
<del>-</del>	0' (H100956-64)						•		
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Biank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32000	16.0	05/13/2011	ND	448	112	400	3.64	
Sample ID: S - 10 Chloride, SM4500Cl-B	2' (H100956-65)	/kg	Analyze	d By: HM					
<del></del>		-		-					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS ·	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	05/13/2011	. ND	448	112	400	3.64	
Sample ID: S - 10	4' (H100956-66)								
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	05/13/2011	ND	448	112	400	3.64	
Sample ID: S - 10	6' (H100956-67)								
Chloride, SM4500Cl-B	•	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	05/13/2011	ND	448	112	400	3.64	

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\*=Accredited Analyte

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Celey D. Keene



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

Received:

05/11/2011

Sampling Date:

05/04/2011

Reported:

Chloride, SM4500Cl-B

06/02/2011

Sampling Type:

Soil

Project Name:

GOODNIGHT 1 FEE

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

mg/kg

Sample Received By:

Jodi Henson

Project Location:

SEC. 1, T12S . R28E

# Sample ID: S - 10 8' (H100956-68)

Chloride, Stristoct B	9	7.19	71111720						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	05/13/2011	ND	448	112	400	3.64	
Sample ID: S - 10 Chloride, SM4500Cl-B	10' (H100956-69)	ı/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	05/13/2011	ND	448	112	400	3.64	
Sample ID: S - 10 Chloride, SM4500CI-B	15' (H100956-70) mg/kg		Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	05/13/2011	ND	448	112	400	3.64	
Sample ID: S - 11 Chloride, SM4500Cl-B	•	ı/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	44400	16.0	05/13/2011	ND	448	112	400	3.64	
Sample ID: S - 11 Chloride, SM4500Cl-B	•	g/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	05/13/2011	ND	448	112	400	3.64	

Analyzed By: HM

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

Received:

05/11/2011

06/02/2011

Sampling Date:

05/04/2011

Reported:

Sampling Type:

Soil

Project Name:

**GOODNIGHT 1 FEE** 

Sampling Condition:

\*\* (See Notes)

Project Number: Project Location: 700794.005.01

Sample Received By:

Jodi Henson

SEC. 1. T12S . R28E

Sample ID: S - 11 4' (H100956-73)

mg/	Κ¢
-----	----

#### Analyzed By: HM

Analyte

Chloride

Result

928

Reporting Limit 16.0

Analyzed 05/13/2011 Method Blank ND

BS 448 % Recovery 112

True Value QC 400

Qualifier

0.00

RPD

Sample ID: S - 11 6' (H100956-74)

Chloride,	SM4500CI-B	mg/k

mg/kg	Analyzed By: HM
	· · · · · · · · · · · · · · · · · · ·

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	05/13/2011	ND	448	. 112	400	0.00	

# Sample ID: S - 11 8' (H100956-75)

Chloride, SM4500Cl-B		mg,	/kg	Analyze	d By: HM					
Analyte	ı	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		240	16.0	05/13/2011	ND	448	112	400	0.00	

#### Sample ID: S - 11 10' (H100956-76)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/13/2011	ND	448	112	400	0.00	

# Sample ID: S - 11 15' (H100956-77)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/13/2011	ND	448	112	400	0.00	

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TALON LPE MIKE STUBBLEFIELD 408 W, TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Analyzed By: HM

Received:

Chloride, SM4500CI-B

05/11/2011

06/02/2011

Sampling Date:

05/05/2011

Reported:

Sampling Type:

Soil

Project Name:

**GOODNIGHT 1 FEE** 

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

mg/kg

Sample Received By:

Jodi Henson

Project Location:

SEC. 1. T12S . R28E

#### Sample ID: S - 12 0' (H100956-78)

Chioride, Shi4500Cl-B		1/ Ng	Allalyze	d by. III-i					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	83200	16.0	05/13/2011	ND	448	112	400	0.00	
Sample ID: S - 12 Chloride, SM4500Cl-B	` ,	ı/kg	Analyza	d By: HM					
		<u> </u>		· · · ·					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10900	16.0	05/13/2011	ND	448	112	400	0.00	
Sample ID: S - 12	4' (H100956-80)								
Chloride, SM4500Cl-B	mg	ı/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/13/2011	ND	448	112	400	0.00	
Sample ID: S - 12	6' (H100956-81)								
Chloride, SM4500CI-B	. mg	ı/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/13/2011	ND	448	112	400	0.00	
Sample ID: S - 12	8' (H100956-82)								
Chloride, SM4500CI-B	•	j/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	05/13/2011	ND	448	112	400	0.00	

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TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

05/11/2011

06/02/2011

Sampling Date:

05/05/2011

Reported:

Sampling Type:

Soil

Project Name:

**GOODNIGHT 1 FEE** 

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

Sample Received By:

Jodi Henson

Project Location:

Analyte

SEC. 1. T12S . R28E

Sample ID: S - 12 10' (H100956-83)

Chloride	SM4500CI-R

Analyzed By: HM

Method Blank

BS % Recovery

True Value QC

Qualifier

Chloride

Result 400

352

Reporting Limit 16.0

Analyzed 05/13/2011

ND

448

112

400

Sample ID: S - 12 15' (H100956-84)

Chloride,	SM4500CI-B

Analyte

Analyte

mg/kg

Analyzed By: HM

% Recovery

112

True Value QC

400

Chloride

Result

Reporting Limit Analyzed 16.0 05/13/2011

Method Blank MΠ

BS 448

RPD

RPD

0.00

Qualifier 0.00

Sample ID: S - 13 0' (H100956-85)

Chloride, SM4500CI-B

Analyzed By: HM

Method Blank

Qualifier

Chloride

39600

Result

16.0 05/13/2011 ND

BS 448 · % Recovery

True Value QC 400

RPD

Sample ID: S - 13 2' (H100956-86)

Chloride, SM4500CI-B

mg/kg

112

0.00

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

Analyzed

Analyte

Result

8800

Result

144

Analyzed By: HM Analyzed

Method Blank

BS

% Recovery

True Value QC

True Value QC

400

RPD

Qualifier

Chloride, SM4500CI-B

05/13/2011

ND

448

112

% Recovery

112

400

Sample ID: S - 13 4' (H100956-87)

Chloride

mg/kg

Analyzed

05/13/2011

Method Blank

ND

BS

448

0.00

RPD

0.00

Qualifier

Analyte Chloride

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Analyzed By: HM

Celeg D. Keine Celey D. Keene, Lab Director/Quality Manager

Page 18 of 29



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

Received:

05/11/2011

06/02/2011

Sampling Date:

05/05/2011

Reported:

Sampling Type:

Soil

Project Name:

**GOODNIGHT 1 FEE** 700794.005.01

Sampling Condition:

\*\* (See Notes)

Project Number:

Project Location:

SEC. 1. T12S . R28E

Sample Received By:

Jodi Henson

# Sample ID: S - 13 6' (H100956-88)

Chloride,	SM450	00	CI-B

mg/kg

Analyzed By: HM

Analyte

Result Reporting Limit

16.0

Analyzed 05/13/2011 Method Blank ND

BS 448

112

% Recovery

True Value QC 400

RPD

0.00

Qualifier

Sample ID: S - 13 8' (H100956-89)

Chloride, SM4500Cl-B

Analyzed By: HM

Analyte

Chloride

Chloride

Chloride

mg/kg

mg/kg

Result

432

Result

224

208

Reporting Limit Analyzed

05/13/2011

Analyzed

05/13/2011

Method Blank ND

BS 448 % Recovery 112

True Value QC 400

400

RPD Qualifier

Sample ID: S - 13 10' (H100956-90)

Chloride, SM4500Cl-B

Anaiyte

Reporting Limit

16.0

16.0

Analyzed By: HM

Method Blank

ND

448

% Recovery True Value QC

112

RPD 0.00

0.00

Qualifier

Cardinal Laboratories

\*=Accredited Analyte

All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in withing and received by Cardinal with including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsi

Celeg D. Keene



#### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celey D. Keene



Company Name:

Sampler - UPS - Bus - Other:

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

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

Project Manager: Mike Stubbletick							P.O. #:								ŀ					1	1	Į				ł	]		
							Company: Takon/LPE									1	Ì					İ	Ì	ı					
1							Attn:							ŀ				Ì				Ì	ı				İ		
Phone #:	575-441.7254 Fax#: 57	5-70	46.	89	05			Address:									ŀ			- }				ļ					1
Project #:	700794.005.01Project Ow	ner: [	)eva	nΕ	1000	Co	Orp.	Cit	ty:											-					ı		1		
Project Name:	Goodnight & Fee				7/		7	Sta	ate:			Zip	:											1	ı			1	İ
Project Location	0							Ph	one	#:										- [					ı	İ			1
Sampler Name:	mie Stellfill		. —					Fa	x #:						·		ļ			- 1					ı	Ì			1
FOR LAB USE ONLY	<i>Y</i>	Т	Т	Ī	Λ	IATE	RIX	X PRESERV SAMP					SAMPL	ING		gcc	]			- 1				ļ	ı				
Lab I.D.	Sample I.D.	IGENERAL OR (CLOMP	N N	GROUNDWATER	WASTEWATER	SOIL	OIL	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	I	DATE	т	IME	Total chlorides	ı	!			-	-	-   .	-	ļ !				
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5	5-18'	16		Į						-		5/	4/11	12:	374	_	1			İ		1		1	i				
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analyses All claims includi	nd Damages. Cardinal's kability and client's exclusive remedying those for negligence and any other cause whatsoover sha	il be deem	red war	ved u	nless ma	de in w	viting an	d rece	wed b	y Car	dınal v	wathin 3	30 days of	ler comp	letion of In	e applica	hle												
affiliates or successors ansi	antinal be liable for inexternal or consequental damages, incl ng out of or related to the performance of services hereunder	by Cardin	al, rega	ardies.	s of whel	s men her so	rapuons, ich claim	ls bas	ed up:	or los	ol th	e abov	ve stared o	easons c	or otherwas	e													
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Time: 22 // CV					MACUM REMARK						MARKS	3:																	
Relinquished B	y: Date:	R	ecei	ive	d By:	<u> </u>					<u> </u>	- COLA-		1															
	Time:																												
Delivered By: (Circle One) Sample Condition						ion		СН	ĒČK	(ED I	BY:	-																	

BILL TO



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon/LPE		BILL TO		ANALYSIS REQUEST										
Project Manager: Mike Stubblefield		P.O. #:												
Address: 408 W. Teras Auc.		Company: Talon/ & P.												
City: Articsia State: Npg		Attn:												
Phone #: 575-441-7254 Fax #: 575-		Address:	.	1 1 1										
Project #: 700 194.005.61 Project Owner:	Devan From y Epre.	City:												
Project Name: Goodnight & Fee	77	State: Zip:	6.2											
Project Location: Sec. 1. TIZS - R 23F		Phone #:	"http://www.											
Sampler Name: Polic Stallfill		Fax#:	3											
FOR LABUSE ONLY	MATRIX	PRESERV. SAMPLI	NG is			•								
	(C)OMP ERS ATER TER													
	(G)RAB OR (C)Oi # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL													
	YDW YDW	.: ASE												
	(G)RAB O GROUND! WASTEW. SOIL OIL	OTHER: ACID/BASE: CE/COOL OTHER:	1 1/2											
	\$   \$   8   8   9   9   9	5 8 5 DATE	TIME											
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111 6 3 47-1	9-1-1-1-5-1		10:41A V											
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	6 -		11:03A											
	4		11:06A.											
	6 7	5-4-11	11:124 -											
20 5:3 10'	6 /	- 5:4.11	11:174 -											
PLEASE NOTE: Liability and Damages, Cardinal's tability and client's exclusive remedy for any analyses. All claims inclinaing those for negligence and any other cause whatsoever shall be in-	-med warved unless marte th withing and	Freceived by Cardinal within 30 days after	co ripletion of the applicable											
service. In no event shall Cardinal be liable for incidental or consequental damages, including via all liables or duccessors arising pull of or related to the performance of cervices becounded by Guid	tinal requiriless of whether such claim t	oss of use, or loss of profits incurred by o s hasnd upon any of the above stated rea	sons of otherwise											
Relinquished By:	Received By:		Phone Result: ☐ Yes ☐ No Fax Result: ☐ Yes ☐ No	Add'l Phone # Add'l Fax #:	<u> </u>									
milestillield Time: 33	COOL The	MION	REMARKS:											
	Received By:													
Time:			•											
Delivered By: (Circle One)	Sample Conditi	on   CHECKED BY:												
	Cool Intact	///iditials)												
Jumper - 373 - Bus - Other.	Yes D Yes	EDE 202 2476												



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	: Talon/19E		BILL TO	ANALYSIS REQUEST										
Project Manage			P.O. #:											
Address:	408 W. Teras Auc.		Company: Talon/2PE											
City:		Zip: ggras	Aitn:											
Phone #:	575-441.7254 Fax#: 595		Address:											
Project #:	ንወወን ዓዛ. ወ85.0∥ Project Owne		City:											
Project Name:	Goodnight 1 Fee		State: Zip:	Orides										
Project Location	1: Sec. 1. TIZS. R 285		Phone #:											
Sampler Name:	more Statelail		Fax#:											
FOR LAB USE ONLY		MATRIX	PRESERV SAMPLING											
Lab I.D.	Sample I.D.	(G)RAS OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	ACIDIBASE ICE/COOL OTHER MALUATION MALUTION MALUATION MALUTION MALUATION MALUTION MALUATION MALUATION MALUATION MALUTION +12/											
HID0956-2	5.3 151	6 /	1 5.4.11 11:02A											
22	5.40'		5-4-1/11:300											
3	5.42'	G	5 4-11 11:32A											
24	5.4 4	6	5.4.11 11:36:A											
45	5-4-6	[6]	5-4-11-11:401											
10	<u> </u>	16	5.4-11 11:45/											
71	5 4 10 5 4 151	6	5.411 11:412											
79	5.5 0'	6,	54.11.2.220											
.31	5-5 21	6 /	5.4-1/3:010											
analyses All claims including service. In no event shall Ca	of Darnages. Caldina's Washly and clent's evousine remed, for ig tribse for negligence and any other naise whatspeeve shall be strought be liable for my viental or consequental damages, incluor- ing out of or refaled to the patternance of cervices becoming by	eger no waved unless made in viring a g without limitation, business into up loca	ct in tori, shall be limbed to the amount cam by the clear fo and received by Caromal WI an 30 G. ya aller completion of t siloss of line or lass of profits incurred by client life subtaid.	or the Tink applicable Invines										
Relinquished By Relinquished By	Time:	Rogelved By:	Phone Re Fax Resu REMARK	esult: ☐ Yes ☐ No Add'l Phone #: ilt: ☐ Yes ☐ No Add'l Fax #:										
Delivered By: Sampler - UPS	•	Sample Condi	ition CHECKED BY:   Vitifilials											



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 303-2326 EAY (575) 303-2476

Company Name: 76 (20) / 05									BILL TO ANALYSIS REQUEST															
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- 4 4 6 6 6 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5							[-	P.O. #: Company: Talon/ LPE								1					1			
Address:	468 W. Teras Auc.		•				C	om	pany	_7	Gloof at	E					-							
City: Actes in State: Mpg Zip: ggres A							itn:					-				1								
Phone #:	575-441.7284 Fax #: 59						∦	Address:											1					
Project #:	700 ) 94.005.01 Project Ow	ner: 🕥	આ	East	346	01/2	_ c	ity:					- S	9										
Project Name:	Goodnight 1 Fee : sec. 1- Trs. Rabe				"	<u> </u>		tate:	:	~	Zip:		Sorides	3										
Project Location	: Sec. 1- TIRS- RABE						P	hon	e #:				1 2	1		1								
Sampler Name:	mile (5 tollefill)						F	ax#	:					<u> </u>			1					li		
FOR LAB USE ONLY	V				MAT	RIX		PR	RESE	RV.	SAMPL	ING	1/2			1								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL	OIL.	SCUDGE OTHER	ACID/BASE	ICE / COOL	ОТНЕЯ	DATE	TIME	1 1441	17,1/71										
H100956-31	55 4'	G			-				1		5.4.11	3:110												
32	5.5 6'	G			1				/			3.130												
33	5-5-8'	6			7				1		5.4.11	3:180												
.34	5-5 10'	6			1						54.11	3:210	<u>                                     </u>											
35	S-5 15'	_ <u>G</u>			/		_]_	_	-		5-4-11	3:300	/_		<u>.</u>								i	
36	S-6 0'	G		_ _	1		_ _	┦_	//		5-4-11	3:340	_							<u> </u>			<u>.</u>	
37	562	6			-			_ _	-	_	5-411	3:570		ļ		<u> </u>		ļ		<u> </u>				
38	56 4'	6		_ _	1	$\perp$		_I	1		5.4.11	4:020	<u></u>			ļ		ļ						
39	566	6		_	1	_ _		-∥	-		5-4-11	4:060			ļ		.	<u> </u>						İİ
40	S-6 8.	_ 0									<u>5.4.11</u>	4:100			<u></u>	<u> </u>			L	<u></u>				
analyses All claims including	d Damages. Cardinal's liability and client's exclusive remedy g those for negligence and any other cause whatsoever shal	be deemed	waved	untess i	nade in	waling a	and rec	aived b	by Card	laal w	thin 30 days atte	r completion of t	he applica	able										
alfillales or successors arisin	rdinal be liable for incidental or consequental damages, incli g out of or retailed to the performance of convices becounder	by Cardinal,	regardle	ess of w	ether s	uch clai	is loss m ls ba	of use used up	or loss on any	of the	olds incurred by on onlove stated re-	esons or otherwi	Re				P 252							
Relinguished By	Date: 11	Re	ceivo	ed By	:	1,						Phone Re Fax Resu		□ Ye		No No	Add'i Add'i	Phone Fax #:	#:					
1000	asion Tree: 23	$\geq 1/l$	00	1/		. U	10	M	Δα	X)	A	REMARK								-				
Relinquished By	Date:	Ot.	ceive	ed By	:	9		• •																
Time:																								
Delivered By: (Circle One) Sample Conditio					ition		CHE	CK	ED BY															
Sampler - UPS - Bus - Other:  Cool Intact  Yes Yes  No No						es Vo			**************************************	151					******				• • • • • • • • • • • • • • • • • • • •	· · · · · ·				
† Cardinal (	† Cardinal cannot accept verbai changes. Please fax written changes to 505,893-2476 Page																							



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

Company Name	e: Talon/LPE			<u> </u>	LLTO				-	ANA	LYSIS	3 RE	QUE	ST		 
Project Manage			F	P,O.#:												
Address:	408 W. Teras Auc.		c	Company: 🍎	Talon/es	E .										
City:		Zip: ggv14	JJ	Attn:												
Phone#:	575-441.9884 Fant. 898	- 146.8905		ddress:			9		.	ŀ						ĺ
Project #:	700794.005,01 Project Owne		, c	City:			12				į					
Project Name:	_ Good night 1 Fee		s	State:	Zip:		177			-						
Project Locatio	n: sec. 1. Tirs. Rase		Р	hone #:			6%									
Sampler Name:	rate Cs toppy sill		F	ах#:			12	1				'			i	ĺ
FOR LAB USE ONLY	,	MATRIX		PRESERV.	SAMPLI	NG	)		İ						i • 1	
Lab I.D.	Sample I.D.	IG)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE	ACID/BASE: ICE / COOL OTHER	DATE	TIME	total									
H10095691	5-6 10	6 /			5.4.11	4:150										
42	3-4 15	6 /		1	3:4-11	4:190	سـ									
43	5-2 0	6	_		5-4.11	4:320										 
44	5.7 2'	6		1	5.4-11	4:350				<u> </u>						 l
45	5-7 4'	[6]			5-4-11	4:396	-	-					1 1	1 1	. [	
46	5-7 6'	6 /	_		5.4.11	4:420										 
47	5.7 51	6	_		5.4-11	4:480					ļ					 
48	8-7 10'	G	_		5.4-11	4:561						L. J				 
49	5.7 15	6	_		3-4-11	5:60g					[		i	ı		 
50	nd Dumayes Condinate Hobbity and clients evolutive remerly for	6	<u> </u>		5.4.11											 
analyses Alliclains include	no Camagos. Cananars loosely and crisin's exclosive renerly for in ng those for negligence and any other cause whatsoever shall be lardinal be liable for incidental or consequental damages. Includin	edeamed in voca unless mode in which	and re:	cerved by Chroinstic	whin 30 ca, s aite	r camplet on of th	a seplecabl	•							•	
ulfiliales or successors arisi	ng out of or related to the proformance of services becomes by t	Lardinal, regardless of whellier such of				sons or o hervis	e	O V		TA ALIPE Y	Dhan-			b,		
Relinquished By	51111	Received By:		1 -2		Phone Res Fax Result	t:	□ Yes □	□ No	Add'l l	Phone i Fax#:	<u>F.</u>				 
Relinquished By		MOCK S	LC	NSO	7	REMARKS	3:									 
ß.	Time:				ļ	1										Į.

CHSCKED BY:

Sample Condition
Cool Intact
Yes 4 Yes
No No

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



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

I	ompany Name: Talon/LPE						BILL TO ANALYSIS REQUEST														
Project Manage	r. Mike Stubble lield			P.0	O. #:												1	1			
Address:	408 W. Teras Auc.			Co	mpan	y: 76	bon/ef	Z		ĺĺ	- 1								İ		
City:	Artesia State: Npg	Zip: 88210		A٤١	tn:							1				[					
Phone #:	575-441.9254 Fax#: 575.	146.8905		Address:				3		l		Ì									
Project#:	700 9 94 .005.01 Project Owne	r: Devon Energy Cor	0_	Cit	y:					E.								1			
Project Name:	Goodnight 1 Fee : sec. 1- Tizs R288	<i></i>		Sta	ate:	2	Zip:			nexides					ĺ						
Project Location	: sec. 1. TIZS - R 23E			Ph	one#:					10						İ		1			
Sampler Name:	mie 5 tellfill				x#:					11		-			ł						
FOR LARIUSE ONLY		MATRI	K	_	PRES	ERV.	SAMPL	ING		17						ļ		1	1		
Lab I.D.	Sample I.D.	Containers   Comparation   C	SLUDGE	отнея.	ACID/BASE ICE / COOL	OTHER	DATE	TIME	E	total 1											
H10D956:51	5-8 2	6 1					5.4.11	5:14	0												
52	5-8 4'	6 /				1	5.4-11	5:18	P												
53	5-8 4' 5-8 6'	6 -				1	5-4-11	5.72	ρ	<u></u>		_					_		<u> </u>		
54	5-9 6' 3-8 8'	$G \cup J$			<u></u>		<u>5-4-11</u>	5.24	2								.		<u> </u>		
55 56	5.8 101 5-8 151 8-9 01	6 /			<u> </u>	1	5-4-11	5:28	٩	سر		_			١.		, .				
	5-8 15'		L			_ _	<u>5-4-11</u>	5:33	P								-		ļ		
57		6 /					5-4-11	6:13f	2										ļ		
58	5.9 2'	G					<u>5.4-11</u>	6:19	_در	_	_				<u> </u>			-			
59	5.7 4	G //					9-4.11	4:23	$ \mathcal{L} $								-	-	ļ		
PLEASE MOUTE LINE BOLL	n Damages. Catoinal's hability and chent's exclusive remetty for	G J J	olraci	or los	shall be	limited to	3 - 4 - / 1	6:24	$\rho$	ibe			. ,		<u></u>				<u> </u>		
analyses. All claims includin	g those for negligence and any officer cause whatsouver shall be ordinal be liable for increedal or consequental damages. Including	doewed walved unless made in walk	ក្សា ឧកស	teces	wed by Ca	rainal vit	hın 30 days a't	er completion	n of the	e applicabl	٥										
alliates or successors ausir	ig out of ar related to the parformance of services hi reunder by C	aidinal, regardless of Whether such o	clann i	6 basi	ed upon an	y of the :	above stated to	Phone	ervasi		□ Yes	ĹΊΝ	<u>'a</u>	Addi	Phone	<i>4</i> ),					
Relinquished By	1011111	Received By:	1,1		. Δ	wn .		Fax Re	sult	•	☐ Yes				Fax#:	11.					
Relinquished By	exicl Time: 3.3	KMILL . U	Uli	1	NS	DV		REMAR	RKS	:											
Relinguished By	Date:	Received By:	·																		
	Time:																				
Delivered By:	(Circle One)	Sample Cor		on	CH	ECKE ([hilia	D BY:	1													
Sampler - UPS - Bus - Other:    Cool Intact   Pos Pyes   P							iis)								***************************************		· · · · · · · · · · · · · · · · · · ·			<u></u>	



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

Company Name: Talon/LPE	BILL TO	ANALYSIS REQUEST
Project Manager: Mike Stubble field	P.O. #:	
Address: 408 W. Tegas Auc.	Company: Talon/ 685	
City: Actesia State: App Zip: gerio	Attn:	
Phone #: 575-441. 7254 Fax #: 595-146.8405	Address:	
Project #: 700794.005.01 Project Owner: Decon Energy Corp.	City:	
Project Name: Good night & Fee //	Address:	
Project Location: Sec. 1- 1175-17286	Phone #:	
Sampler Name: Mic (Stock) will	Fax #:	
FOR LABUSE ONLY MATRIX	PRESERV SAMPLING	
(C)OMP ERS ATER		
## CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	72	
Lab I.D. Sample I.D.	A SAS A SAS	
(G)RAB # CONT GROUN WASTE' SOIL OIL	OTHER AGIDIRASE: OTHER OTHER OTHER OTHER OTHER.	
HIV95461 5-9. 8'	S DATE TIME	
	2 5.4-116:31p	
	54-116-348	
	544/6.45	
105 5·10 0 6 1	64/1640	
100 S 10 W	5.4.116:520	
107 5-10 6' 6	1 5.4.11 6:550	
68 5-10 9' 6	54//6:578	
64 5.10 10' 6	. 1. 6.4.11.6.59p	
70 5 16 15 6	5-4-117:09	
PLEASE NOTE: Liability and Osmages. Carunals liabilit, and clearl's entirewaternedy for an iclaim analysis and clear based in correct analyses. All claims including those for negligence and any other cause vital soever small as described waited makes made in writing and	received by Caroinally, thin 30 days a terinamo elion of the applicable	
service in no event shall Cantinal be liable for incidental or consequental damages in cluding without the father bis riest regions, affiliates of successors arising out of or related to the performance of services foreigned by Cantinal regardless of the processors arising out of or related to the performance of services foreigned by Cantinal Regardless of the processors arising out of or related to the performance of services foreigned by Cantinal Regardless of the performance of services foreigned by Cantinal Regardless of the performance of services foreigned by Cantinal Regardless of the performance of services foreigned by Cantinal Regardless of the performance of services foreigned by Cantinal Regardless of the performance of services foreigned by Cantinal Regardless of the performance of services foreigned by Cantinal Regardless of the performance of services foreigned by Cantinal Regardless of the performance of services foreigned by Cantinal Regardless of the performance of services foreigned by Cantinal Regardless of the performance of services for the perform	s haved upon any of the luggre stated resigns of otherwise	
Relinquished By: Phty:   Received By:	Phone Result: ☐ Yes Fax Result: ☐ Yes	□ No Add'l Phone #: □ No Add'l Fax #:
are the Settle Palace of Ting. 236001	MAON REMARKS:	
Relinquished By: Date: Received By:		
Tune:	200	
Delivered By: (Circle One) Sample Condit	or CHECKED BY:	
Sampler - UPS - Bus - Other:  Sampler - UPS - Bus - Other:  Cool Intact/  Yes IP Yes  I No   No	((hilas)	
Sample - 51.0 - Bus - Other.		



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

Company Name			BILL TO	ANALYSIS REQUEST	+
Project Manage	er: Mike Stubblefield	,	P.O. #:		
Address:	408 W. Teras Auc.		Company: Talon/ LPE		
City:	Ariesia State: Neg	Zip: gerio	Attn:		
Phone #:	575-441.7254 Fax#: 895	- 146.8405	Address:		
Project#:	700794.005.01 Project Owne	er: Devan Enery Core.	City:		
Project Name:	Goodnight 1 Fee	<i>""</i> "	State: Zip:	mender	
Project Location			Phone #:		
Sampler Name:	mine S tolly ill		Fax #:		
FOR LAB USE ONLY	V	MATRIX	PRESERV SAMPLING		
		OR (C)OMP AINERS DWATER WATER			
Lab I.D.	Sample I.D.	(G)PAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	ا ـ ن		
Labi.U.	Sample LD.	IND NIND SE	OTHER OTHER ILL BANG		
		(G)RAB O # CONTAI GROUND WASTEW SOIL OIL	ACID/BAS ACID/BAS OTHER OTHER		ľ
105176-71	5-11 0'		-	50 30	
72	5-11 2'	6 7			
7/3	5-11 41'	G	5.4.117:2	000	
74	5.11 6'	6 /	1 5.4.11 7.3	120	
115	S-// 8'	6 /	1 5.4.11 7:3	250	
76	5-11 10'	6 /	1 5-4-11 7:3	90-08	
77	5-11 15'	6	1 5.4.11 7:3	00	
18	5-12 0'	6 -	5.5.11 9:11	6 A	
79	5-12 2'		1 5.5.11 9.1	74	
8D	5-/3 nd Damages Cardinal's Lab lity and client's exclusive remedy for	6	or tool chall be limited to the appropriate by the	(22rv)	
analyses. All claims include	ng those for negligence and any other cause vitatsoever shall be laternal be liable for incidental or consequental damages, includir	deemed warved unless made in unting a	nd received by Cardinal within 30 days after comple		
	ng out of ar related to the performance of services hereunder by		is firsted upon any of the above stated reasons or		
Kennquisilen By	<i>5]11]</i> [1]	100	Fax I	Result: Yes No Add'l Fax #:  ARKS:	
Relinquished By	regised me. 33		LUNDON REM	AKKS:	
Relinquished By	y: 1 Date:	Redeived By:			
	Time:				
Delivered By	: (Circle One)	Sample Condi			
Sampler - UPS	- Bus - Other:	Cool Intact Ves 4 Yes No N	es (Inylugis)		,
		- U   WO   N			



Company Name:

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

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

Project Manager	" Mike Stubblefield		P.O. #:								
Address:	408 W. Texas Auc.		Company: Talen/685								
City:	Actesia State: apq	Zip: \$8710	Attn:						•		
Phone #:	575-441.9254 Fax#: 595	- 146.8405	Address:								
Project#:	700 7 94 .005.5( Project Owner	er Deuna Enercy Corp.	City:	_ \							
Project Name:	Goodnight & Fre		State: Zip:	_   ` \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							Ì
Project Location			Phone #:		3						
Sampler Name:	mine Sterefield		Fax #:	75				1 1	1 '	1	
FOR LABUSE ONLY	V	MATRIX	PRESERV. SAMPLING	_ \							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWAL'R SOIL OIL SLUDGE	MIL THER	total							
H11095681	5.12 6	6	1 5-5-11 9:20	+ /							
82	5 12 8'	6 /	1 5.5-11:4:321	7 /							_
83	5-12 101	6 / /	1 5.5-11 9.39	1 /							
94	5-22_151	6 /	1 55-11 9:42.	+			<u> </u>	_			
45.	S 13 0'	6	1. 5.5-11 10.190	+ -							
86	5'-1 <b>3</b> 2'	<u> </u>	5.5.1/10:221	<del>}</del>			<u> </u>				-[
87	5 13 41	6	1 5.5-11 10:251				<b>  </b>	_  _		ļ	-
	5.13 6'	6	5-5-1/10:28							<sup> </sup>	-
99 90	5 13 8'	6	3.37/ 10.211				-	_			
I	Oanieges Caroinal's liability and clients evolvene remacy for	any claim arising who has based to con rec	To fort shall be furred to the amount paralley the crient	for the					لــــلــــــــــــــــــــــــــــــــ		4
service. In no event shall Car	g those for neighborice and one other couse who solver sout" be rdinal be liable for incidental or consequental diamages. Pubbo n	g a Prout I historian, ous hers interruptions.	loss of use lor loss of motils incurred by chemi, its subsi	diones,	nle						
Relinquished By	out of or related to the performance of services bettern der by	Cardinal, regeroless of whether such claim  Received By:	is tused Joon an, of the above sinted reasons or other		□ Yes □	No Add'I	Phone #:				1
<u>กรณะโร</u> โด้ใ Relinquished By	Spaced Time:	Received By:	HUMBU FAX REMARI		□ Yes □	No Add'I	Fax#:	-			
Delivered By:	(Circle One)	Sample Condit	tion CHECKED BY.								
Sampler - UPS	·	Cool Intact Yes Ye	(Injuials)								7
† Cardinal c	annot accept verbal changes. Pleas	e fax written changes to	/)							Pag	e 29 of 2

BILL TO



May 18, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W, TEXAS AVE.

ARTESIA, NM 88210

RE: GOODNIGHT 1 FEE

Enclosed are the results of analyses for samples received by the laboratory on 05/11/11 14:33.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260 Method TX 1005

Total Petroleum Hydorcarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keene

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Received:

Chloride, SM4500Cl-B

05/11/2011

05/18/2011

Sampling Date:

05/05/2011

Reported:

Sampling Type:

Soil

Project Name:

**GOODNIGHT 1 FEE** 

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

mg/kg

Sample Received By:

Jodi Henson

Project Location:

SEC. 1. T12S . R28E

### Sample ID: S - 13 15' (H100957-01)

		-							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	05/16/2011	ND	448	112	400	3.64	
Sample ID: S - 14 0' (H1	.00957-02) mg	/ka	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride ;	74400	16.0	05/16/2011	ND	448	112	400	3.64	
Sample ID: S - 14 2' (H1	L00957-03)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	05/16/2011	ND	448	112	400	3.64	
Sample ID: S - 14 4' (H:	100957-04)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/16/2011	ND	448	112	400	3.64	

Analyzed By: HM

### Cardinal Laboratories

\*=Accredited Analyte

PLEASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waved 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 ansing out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratones.

Celey D. Keine



TALON LPE MIKE STUBBLEFIELD 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To: (575) 745-8905

Analyzed By: HM

Received:

05/11/2011

Sampling Date:

05/05/2011

Reported:

Chloride, SM4500Cl-B

05/18/2011

Sampling Type:

Soil

Project Name:

GOODNIGHT 1 FEE

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

mg/kg

Sample Received By:

Jodi Henson

Project Location:

SEC. 1. T12S . R28E

### Sample ID: S - 14 6' (H100957-05)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/16/2011	ND	448	112	400	3.64	
Sample ID: S - 14	•								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	05/16/2011	ND	448	112	400	3.64	
Sample ID: S - 14	10" (H100957-07)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/16/2011	ND	448	112	400	3.64	
Committee TD: C. 44	451 (11400057-00)								
•	15' (H100957-08)								
Chloride, SM4500CI-B	m <u>ç</u>	ı/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/16/2011	ND	448	112	400	3.64	
Sample ID: S - 15	` '								
Chloride, SM4500Cl-B	mg	g/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	35600	16.0	05/16/2011	ND	448	112	400	3.64	

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\*=Accredited Analyte

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Celey D. Keene



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

Received: 05/11/2011 Reported: 05/18/2011

**GOODNIGHT 1 FEE** Project Name: Project Number: 700794.005.01

Project Location: SEC. 1. T12S . R28E

mg/kg

Sampling Date:

05/05/2011 Sampling Type: Soil

Sampling Condition: Sample Received By: \*\* (See Notes)

Jodi Henson

Sample ID: S - 15 2' (H100957-10)

Chloride, SM4500Cl-B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12400	16.0	05/16/2011	ND	448	112	400	3.64	
Sample ID: S - 15	4' (H100957-11)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1550	16.0	05/16/2011	ND	448	112	400	3.64	
Sample ID: S - 15	6' (H100957-12)								
Chloride, SM4500Cl-B	mg	Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	05/16/2011	ND	448	112	400	3.64	
Sample ID: S - 15	8' (H100957-13)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	05/16/2011	ND	448	112	400	3.64	
Sample ID: S - 15	10' (H100957-14)								
Chloride, SM4500Cl-B	mg	ı/kg	Analyze	d By: HM					

Analyzed By: HM

Cardinal Laboratories \*=Accredited Analyte

Method Blank

ND

448

% Recovery

112

True Value QC

400

RPD

3.64

Qualifier

Analyzed

05/16/2011

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Celeg & Kreene

Analyte

Chloride

Result

272

Reporting Limit

16.0



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Received:

05/11/2011

Sampling Date:

05/05/2011

Reported:

05/18/2011

Sampling Type:

Soil

Project Name:

**GOODNIGHT 1 FEE** 

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 1. T12S . R28E

### Sample ID: S - 15 15' (H100957-15)

Analyte   Result   Reporting Limit   Analyzed   Method Blank   BS   % Recovery   True Value QC   RPD   Qualifier	Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Sample ID: S - 16	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500Cl-B         mg/sg         Analyzed By: HM           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD         Qualifier           Chloride         5040         16.0         05/16/2011         ND         448         112         400         3.64         ————————————————————————————————————	Chloride	224	16.0	05/16/2011	ND	448	112	400	3.64	
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier  Chloride 5040 16.0 05/16/2011 ND 448 112 400 3.64  Sample ID: S - 16 2' (H100957-17) Chloride, SM4500Cl-B mg/kg Analyzed By: HM  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier  Chloride 432 16.0 05/16/2011 ND 448 112 400 3.64  Sample ID: S - 16 4' (H100957-18) Chloride, SM4500Cl-B mg/kg Analyzed By: HM  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier  Chloride 928 16.0 05/16/2011 ND 448 112 400 3.64  Sample ID: S - 16 6' (H100957-19) Chloride, SM4500Cl-B mg/kg Analyzed By: HM  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier  Chloride, SM4500Cl-B mg/kg Analyzed By: HM  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier	Sample ID: S - 16	0' (H10095 <b>7-</b> 16)								
Chloride         5040         16.0         05/16/2011         ND         448         112         400         3.64           Sample ID: S - 16 Chloride, SM4500Cl-B         mg/kg         Analyzed By: HM         BS         % Recovery         True Value QC         RPD         Qualifier           Chloride         432         16.0         05/16/2011         ND         448         112         400         3.64           Sample ID: S - 16 Chloride, SM4500Cl-B         mg/kg         Analyzed By: HM         BS         % Recovery         True Value QC         RPD         Qualifier           Chloride         928         16.0         05/16/2011         ND         448         112         400         3.64           Sample ID: S - 16 Chloride, SM4500Cl-B         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD         Qualifier           Chloride, SM4500Cl-B         mg/kg         Analyzed         By: HM         H         L <t< td=""><td>Chloride, SM4500Cl-B</td><td>mg</td><td>ı/kg</td><td>Analyze</td><td>d By: HM</td><td></td><td></td><td></td><td></td><td></td></t<>	Chloride, SM4500Cl-B	mg	ı/kg	Analyze	d By: HM					
Sample ID: S - 16 Chloride, SM4500Cl-B         2' (H100957-17) mg/kg         Analyzed By: HM           Analyte         Result         Reporting Limit         Analyzed Method Blank BS % Recovery         True Value QC RPD Qualifier           Chloride         432 16.0 05/16/2011 ND 448 112 400 3.64           Sample ID: S - 16 Chloride, SM4500Cl-B         mg/kg         Analyzed By: HM           Analyte         Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier         Qualifier           Chloride         928 16.0 05/16/2011 ND 448 112 400 3.64         112 400 3.64           Sample ID: S - 16 6' (H100957-19) Chloride, SM4500Cl-B         mg/kg Analyzed By: HM           Analyte         Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500Cl-B         mg/kg         Analyzed By: HM           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD         Qualifier           Chloride         432         16.0         05/16/2011         ND         448         112         400         3.64           Sample ID: S - 16 Chloride, SM4500Cl-B         mg/kg         Analyzed By: HM         BS         % Recovery         True Value QC         RPD         Qualifier           Chloride         928         16.0         05/16/2011         ND         448         112         400         3.64           Sample ID: S - 16 Chloride, SM4500Cl-B         6' (H100957-19)         Analyzed By: HM         Analyzed By: HM         Analyzed By: HM         Analyzed By: HM         BS         % Recovery         True Value QC         RPD         Qualifier	Chloride	5040	16.0	05/16/2011	ND	448	112	400	3.64	
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier  Chloride 432 16.0 05/16/2011 ND 448 112 400 3.64  Sample ID: S - 16 4' (H100957-18)  Chloride, SM4500Cl-B mg/kg Analyzed By: HM  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier  Chloride 928 16.0 05/16/2011 ND 448 112 400 3.64  Sample ID: S - 16 6' (H100957-19)  Chloride, SM4500Cl-B mg/kg Analyzed By: HM  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier  Chloride, SM4500Cl-B Mg/kg Analyzed By: HM	•	,	ı/ka	Analyze	d Bv: HM					
Chloride         432         16.0         05/16/2011         ND         448         112         400         3,64           Sample ID: S - 16	· · · · · · · · · · · · · · · · · · ·					DC.	0/ B	T V-1 06	222	015-
Sample ID: S - 16 4' (H100957-18)           Chloride, SM4500Cl-B         mg/kg         Analyzed By: HM           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD         Qualifier           Chloride         928         16.0         05/16/2011         ND         448         112         400         3.64           Sample ID: S - 16 Chloride, SM4500Cl-B         6' (H100957-19)         Analyzed By: HM           Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD         Qualifier	·			•			•	•		Qualifier
Chloride, SM4500Cl-B         mg/kg         Analyzed By: HM           Analyte         Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier         Qualifier           Chloride         928 16.0 05/16/2011 ND 448 112 400 3.64           Sample ID: S - 16 6' (H100957-19) Chloride, SM4500Cl-B         Mathod Blank BS W Recovery True Value QC RPD Qualifier           Analyte         Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier	Chloride	432	16.0	05/16/2011	ND	448	112	400	3.64	
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier  Chloride 928 16.0 05/16/2011 ND 448 112 400 3.64  Sample ID: S - 16 6' (H100957-19)  Chloride, SM4500Cl-B mg/kg Analyzed By: HM  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier	Sample ID: S - 16	4' (H100957-18)								
Chloride         928         16.0         05/16/2011         ND         448         112         400         3.64           Sample ID: S - 16 6' (H100957-19)           Chloride, SM4500Cl-B         mg/kg         Analyzed By: HM           Analyte         Result         Reporting Limit         Analyzed Blank         BS         % Recovery         True Value QC         RPD         Qualifier	Chloride, SM4500Cl-B	_ mg	j/kg	Analyze	d By: HM					
Sample ID: S - 16 6' (H100957-19) Chloride, SM4500Cl-B mg/kg Analyzed By: HM  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride, SM4500CI-B mg/kg Analyzed By: HM  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier	Chloride	928	16.0	05/16/2011	ND	448	112	400	3.64	
Chloride, SM4500Cl-B mg/kg Analyzed By: HM  Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier	Sample ID: S - 16	6' (H100957-19)								
	•	` ,	]/kg	Analyze	d By: HM					
<b>Chloride</b> 384 16.0 05/16/2011 ND 448 112 400 3.64	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	Chloride	384	16.0	05/16/2011	ND	448	112	400	3.64	

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Fax To:

(575) 745-8905

Received: Reported: 05/11/2011

05/18/2011

Project Name:

**GOODNIGHT 1 FEE** 

Project Number:

700794.005.01

Project Location:

SEC. 1. T12S . R28E

Sampling Date:

05/05/2011

Sampling Type:

Soil \*\* (See Notes)

Sampling Condition: Sample Received By:

Jodi Henson

Sample ID: S - 16 8' (H100957-20)

Chloride,	SM4500CI-

Chloride

### mg/kg

640

### Analyzed By: HM

Analyte

Result Reporting Limit

16.0

Analyzed 05/17/2011 Method Blank ND

BS 448 % Recovery 112

True Value OC 400

400

RPD

0.00

Qualifier

Sample ID: S - 16 10' (H100957-21)

Chloride.	SM4500CI-B	

Chloride, SM4500CI-B	mg	/kg	Analyz	Analyzed By: HM				
Analta	Dth	Daniel Link	A 1	Martha d Dland				
Analyte	Result	Reporting Limit	Analyzed	Method Blank				

1420

Chloride

16.0 05/17/2011

ND

BS 448 % Recovery

112

True Value QC 0.00

Qualifier RPD

Sample ID: S - 16 15' (H100957-22)

hloride.	SM4500Cl-B	

### ma/ka

### Analyzed By: HM

· · · · · · · · · · · · · · · · · · ·				<u> </u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/17/2011	ND	448	112	400	0.00	

Sample ID: S - 17 0' (H100957-23)

Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	

BS % Recovery True Value QC RPD Chloride 23200 16.0 05/17/2011 ND 112 400 0.00

Sample ID: S - 17 2' (H100957-24)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/17/2011	ND	448	112	400	0.00	

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Qualifier

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Fax To:

(575) 745-8905

Received:

05/11/2011

Sampling Date:

05/05/2011

Reported:

05/18/2011

Sampling Type:

Soil

Project Name:

GOODNIGHT 1 FEE

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

Sample Received By:

Jodi Henson

Project Location:

Analyte

Analyte

SEC. 1. T12S . R28E

Sample ID: S - 17 4' (H100957-25)

Chi	ori	ide.	SM	4	SNE	nci	_

m	a	1	k

### Analyzed By: HM

	,		

Result

1260

Result

368

Reporting Limit 16.0

Analyzed 05/17/2011

05/17/2011

Analyzed

05/17/2011

Method Blank ND

BS 448 % Recovery 112

True Value QC 400

RPD

Sample ID: S - 17 6' (H100957-26)

Chlorida	SM4500CI-B
Cnioriae,	5M45UUCI-B

### mg/kg

Reporting Limit

16.0

Analyzed By: HM

0.00

Qualifier RPD

Qualifier

Chloride

Chloride

Chloride

### Analyzed Method Blank

ND

BS 448 % Recovery 112

True Value QC 400

Sample ID: S - 17 8' (H100957-27)

### Chloride, SM4500Cl-B

ng/kg	Analyzed By: HM
ilg/kg	Analyzeu by, nri

Analyte

Result Reporting Limit

16.0

Reporting Limit

16.0

Method Blank

ND

BS

% Recovery True Value QC RPD

0.00

Qualifier

### Sample ID: S - 17 10' (H100957-28)

Chloride,	SM4500CI-B

mg/kg

Result

592

384

Analyzed By: HM

ND

ND

448

112

0.00

Analyte

Analyte

Analyzed 05/17/2011

Method Blank

BS 448 % Recovery 112

True Value QC 400

400

RPD 0.00

RPD

0.00

Qualifier

Sample ID: S - 17 15' (H100957-29)

Chloride, SM4500CI-B

Analyzed By: HM

Chloride

Chloride

mg/kg Result

224

Reporting Limit Analyzed 16.0 05/17/2011

Method Blank

BŞ 448 % Recovery

112

True Value OC

400

Qualifier

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Fax To:

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Received: Reported: 05/11/2011

05/18/2011

**GOODNIGHT 1 FEE** 

Project Name: Project Number:

700794.005.01

Project Location:

SEC. 1. T12S . R28E

Sampling Date:

05/05/2011

Sampling Type:

Soil

Sampling Condition: Sample Received By: \*\* (See Notes)

Jodi Henson

Sample ID: S - 18 0' (H100957-30)

mg/kg

Analyzed By: HM

Analyte

Result

272

Reporting Limit 16.0

Reporting Limit

Analyzed 05/17/2011

Analyzed

Method Blank ND

RS 448 % Recovery 112

400

True Value QC

RPD

0.00

Qualifier

Sample ID: S - 18 2' (H100957-31)

Chloride, 9	SM4500CI-B
-------------	------------

Analyte

Analyzed By: HM

Method Blank

Chloride

Chloride

Result <16.0

16.0 05/17/2011 ND

448

BS

True Value QC % Recovery 400

Qualifier RPD

Sample ID: S - 18 4' (H100957-32)

Chloride	SM4500CI-R	

Analyzed By: HM

112

0.00

Analyte Result

Chloride

Chloride

Chloride

128

16.0

Reporting Limit

Analyzed 05/17/2011 Method Blank ND

BS 448 % Recovery

True Value QC

RPD

Qualifier

Analyte

mg/kg

mg/kg

Analyzed By: HM

112

400

0.00

Sample ID: S - 18 6' (H100957-33)

Chloride, SM4500CI-B

Result

336

Result

272

Reporting Limit

Analyzed 05/17/2011 Method Blank ND

BS

% Recovery

True Value OC

RPD

Qualifier

Sample ID: S - 18 8' (H100957-34)

Reporting Limit

16.0

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16.0

448

BS

448

112

400

0.00

Chloride, SM4500Cl-B

Analyzed By: HM

Analyzed

05/17/2011

Method Blank

ND

% Recovery

112

True Value QC

400

RPD

0.00

Qualifier

Analyte

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Fax To:

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Received:

05/11/2011

Sampling Date:

05/05/2011

Reported:

05/18/2011

Sampling Type:

Project Name:

**GOODNIGHT 1 FEE** 

Sampling Condition:

\*\* (See Notes)

Project Number:

700794.005.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 1. T12S . R28E

Sample ID: S - 18 10' (H100957-35)

Chloride,	SM4500CI-B
-----------	------------

mg/l	
------	--

### Analyzed By: HM

Analyte

Result Reporting Limit Analyzed

Method Blank

BS

% Recovery 112

RPD

Chloride

272

16.0

05/17/2011

ND

448

400

True Value QC

Qualifier 0.00

Sample ID: S - 18 15' (H100957-36)

Analyzed By: HM

Chloride

Reporting Limit Result 208

Analyzed 05/17/2011 16.0

Method Blank ND

BS 448 % Recovery 112

True Value QC 400

Qualifier RPD

Analyte

Sample ID: S - 19 0' (H100957-37) Chloride, SM4500Cl-B

monac, serriocci	_	
A b		

mg/kg Result Reporting Limit Analyzed By: HM

Method Blank

BS

% Recovery

True Value QC

Qualifier

Chloride

Chloride

Chloride

2400

Result

<16.0

<16.0

16.0

Reporting Limit

16.0

16.0

Analyzed 05/17/2011

ND

448

RPD

Analyte

# Analyzed By: HM

112

400

0.00

0.00

Sample ID: S - 19 2' (H100957-38)

### Chloride, SM4500Cl-B

### mg/kg

Analyzed

05/17/2011

Method Blank

ND

BS 448

% Recovery

112

% Recovery

112

True Value QC

400

RPD

0.00

Qualifier

# Sample ID: S - 19 4' (H100957-39)

# Analyzed By: HM

Chloride, SM4500Cl-B	mg/kg					
Analyte	Result	Reporting Limit				

Analyzed

05/17/2011

Method Blank ND

BS 448 True Value QC

400

RPD Qualifier

0.00

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 9 of 20



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Fax To: (575) 745-8905

Analyzed Dyr HM

Received:

05/11/2011

05/18/2011

Sampling Date: Sampling Type: 05/05/2011

Soil

Reported:

Chlorida SM4E00CL-R

Sampling Condition:

\*\* (See Notes)

Project Name:

**GOODNIGHT 1 FEE** 

Project Number:

700794.005.01

ma/ka

Sample Received By:

Jodi Henson

Project Location:

SEC. 1. T12S . R28E

### Sample ID: S - 19 6' (H100957-40)

Chloride, SM4500CI-B	mg	Analyze	d By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/17/2011	ND	448	112	400	0.00	
Sample ID: S - 19	•								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/17/2011	ND	448	112	400	0.00	
Sample ID: S - 19	10' (H100957-42)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/17/2011	ND	448	112	400	0.00	
Sample ID: S - 19	15' (H100957-43)								
Chloride, SM4500Cl-B	mg	ı/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/17/2011	, ND	448	112	400	0.00	
Sample ID: S - 20	0' (H100957-44)								
Chloride, SM4500CI-B	mg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	05/17/2011	ND	448	112	400	0.00	

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\*=Accredited Analyte

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Celey D. Keine



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

Received:

05/11/2011

Reported:

05/18/2011

Project Name: Project Number: GOODNIGHT 1 FEE 700794.005.01

Project Location:

SEC. 1. T12S . R28E

Sampling Date:

05/05/2011

Sampling Type:

Soil

Sampling Condition:

\*\* (See Notes)

Sample Received By:

Jodi Henson

### Sample ID: S - 20 2' (H100957-45)

Chloride, SM4500Cl-B		/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	05/17/2011	ND	448	112	400	0.00	
Sample ID: S - 20	4' (H100957-46)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM				<u> </u>	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	. 208	16.0	05/17/2011	ND	448	112	400	0.00	
Sample ID: S - 20 Chloride, SM4500Cl-B		/kg	Analyze	d Ву: НМ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/17/2011	ND	448	112	400	0.00	
Sample ID: S - 20	8' (H100957-48)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/17/2011	ND	448	112	400	0.00	
Sample ID: S - 20 Chloride, SM4500Cl-B	10' (H100957-49)	ı/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	05/17/2011	ND	448	112	400	0.00	

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

Received:

05/11/2011

Reported:

05/18/2011

Project Name: Project Number: GOODNIGHT 1 FEE 700794.005.01

Project Location:

SEC. 1. T12S . R28E

Sampling Date:

05/05/2011

Sampling Type:

Soil

 ${\bf Sampling\ Condition:}$ 

\*\* (See Notes)

Sample Received By:

Jodi Henson

### Sample ID: S - 20 15' (H100957-50)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/17/2011	ND	448	112	400	0.00	
Sample ID: S - 21	0' (H100957-51)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM		· · · · · · · · · · · · · · · · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	<b>16.0</b> .	05/17/2011	ND	448	112	400	0.00	
Sample ID: S ~ 21 Chloride, SM4500Cl-B	•	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	05/17/2011	ND	448	112	400	0.00	•
Sample ID: S - 21	4' (H100957-53)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/17/2011	ND	448	112	400	0.00	:
Sample ID: S - 21	6' (H100957-54)								1
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	Result	reporting Limit	,			•	•		

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Celey D. Keene



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

Received:

05/11/2011

Sampling Date:

05/05/2011

Reported:

05/18/2011

Sampling Type:

Soil

Project Name:

**GOODNIGHT 1 FEE** 

Sampling Condition:

\*\* (See Notes)

Project Number: Project Location:

Analyte

700794.005.01 SEC. 1. T12S . R28E Sample Received By:

Jodi Henson

Sample ID: S - 21 8' (H100957-55)

Chloride, SM4500Cl-B

mg/kg

mg/kg

Result

96.0

Analyzed By: HM

True Value QC % Recovery

RPD

0.00

0.00

0.00

Chloride

Result 32.0

16.0

Reporting Limit

Analyzed 05/17/2011 Method Blank ND

BS 448

112

400

Qualifier

Sample ID: S - 21 10' (H100957-56)

Chloride, SM4500CI-B

Chloride

Chloride

Analyzed By: HM

Analyte

Analyte

Result Reporting Limit 16.0 16.0

Analyzed 05/17/2011

05/17/2011

Method Blank ND

ND

BS 448

BŞ

448

% Recovery 112

True Value QC 400

RPD Qualifier

Sample ID: S - 21 15' (H100957-57)

Chloride, SM4500Cl-B

Reporting Limit

16.0

Analyzed By: HM

Analyzed Method Blank

% Recovery 112

True Value QC 400

RPD Qualifier

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aved 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 da

Celey D. Keene, Lab Director/Quality Manager

Celeg D. Keene

Page 13 of 20



### **Notes and Definitions**

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

\*\*\* Insufficient time to reach temperature.

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

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

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Celey D. Keine



101 East Marland, Hobbs, NM 38240 (575) 393-2326 FAX (575) 393-2476

Company Name: Tolon/LPE				BILL TO			ANALYSIS REQUEST								
Project Manage	r. Mike Stubble	Tield		P.O. #:											
			Company:	Company: Tadonferos											
City:	Actesia	State: 🎶 Zip	<u>: 8970</u>	Atin:			7			ł					
Phone #:	<i>575-441.725</i> 4	Fax#: 293-74	6.3405	Address:			12								
Project #:	700794.005.0	Project Owner: ();	2400 Enrigy Gorp.	City:			1								
Project Name:	Chood hight !	FEE		State:	Zip:		3						'		
Project Location				Phone #:			17								1
Sampler Name:	mine storeful		· · · · · · · · · · · · · · · · · · ·	Fax #:			1								1
Lab I.D.	Sample I.I	G)RAB OR (C)OMP.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER. ACIDRASE NO CELCOOL NO COTHER:		TIME	totes								
HIDDA57-1	5 13 15	Ğ			5-5-11	10:377							<del></del>		
2	5.14 0'	67			5-5-11	10:57A	مراو								
3	5.14, 2'	6_			5.5.11	10,570					_	_			
4	5.14 4,	G			55-11		<u> </u>	_		_	_		_		<del></del>
5	5.14 6	<u>ú</u>			5-5-11	.,,					-	-			
	5-14 8	<del>[9</del> _			5-5-11	11:072 11:11 A		-			-		-		
<del>-</del>	5.17 16	<u>9</u> _			5.5-11				-		-				
9	5.15 0'	<u>မ</u>			5-5-11			_		$\dashv$	-		1		
10	5-15 2	Ğ			4:5-11	11.594	/	_((	-	_	-[[				
PLEASE NOTE: Linb bit, and Dannages: Certinal's habity and client's excisione remote for any form many; where passening outrast or for shall be trivial to the annual policy to the applicable analysis All claims including those for negligance and any other cause contactower shall be retained in the standard process of the applicable service. In our event shall Continue be table for material or consequented damages including vial but limitation, business in erupt ons loss of traffix included by Chief it is subtain astes.  altitudes or succession, anising put of our religion to the pollutionage of progress between the progress of the pollutionage of progress between the progress of the progress o															
Relinquished By	<i>י</i> :	5711 11 Re	ceived By:	1		Phone Result	: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Yes □ Yes □	yo ∀ Vo ∀	dd'i Phon dd'i Fax#					
സ്ഥായിട്ടി Relinquished By	r:	1114:33 ()	OCI JI	ense	924_	REMARKS									
		Time:													
Delivered By:	(Circle One)	·	Sample Condi	tion CHEC!	CED BY:										
Sampler - UPS	Bus - Other:	260	Cool intect	s : #	(ials)				·				-		14 a. 11 a.
& Carolinal	cannot accent norbal e	hannas Élasaséav	unitten changes to	000-207-2470											$\overline{}$

# Laboratories

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 83240 (575) 393-2326 EAY (575) 393-2476

	(575) 393-2326 FAX (575) 393-247	6		
Company Name	1 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		BILL TO	ANALYSIS REQUEST
Project Manage	or mine istubble dield		P.O. #:	
Address:	MOS W. Teras Ave.		Company. Jaken/288	
City:		Zip: ggres	Adn:	_  _3
Phone #:	575-441.7254 Fax 8: 593.	. 746.8405	Address:	
Project #:	700794.005,01Project Owne	= Devan Francy Corn.	City:	
Project Name:	Good night & Fee	<i>U</i> : '	State: Zlp-	
Project Location			Phone #.	
Sampler Name:	rode & hollfill		Fax %:	
Lab I.D.	Sample I.D.		OTHER ACIDIBASE (CC / COOL DITHER TO THE R TO TH	Hta.
H1D957-11	5-19 4'	6 1/1	1 5-511 11 410	
12	5-15 61	67 /	1 5.5.11 11.4418	
13	5-15 81	6	1 5-5-11 11:47.7	
1,4	5-15 101	6 /	1 551/11/200	
15	5-15 15	6 /	1 5 5-11 11.730	
10	5-16 0	6 /	5-5-11 3.040	
17	5.16 2'	6 /	1 2 5.5-11 3.00p	
18	5-16 4'	<u>  G                                   </u>	9.5.11 3.14	
19 29	5-16 6		1 5.65-11 3.10 P	
	nd Damayas Cardinal's liability and claims exclusive renicity for a	iny clain a isiny thether used in contact	tortor! shall be limited a the implicit part by the clieft for	iy I.g
service in no event shall C	ng those for negligacide and any other cause Whatsoever shall be a ardinal be liable for incidental or consequental damages, including	gir thout I mitation, qualitizes interruptions, ic	less of pay or has of profits mounted by elem, its sticators	nanes
Relinquished By	ng out of or related to the performance of services belowinder by C	Received By:	E haved upon cay of the obaye stated reasons or otherwit.  Phone Re-	esuli: 🗆 Yes 🗔 No Add Thone #:
Mile Selinguished By		1 // 10 // //	EAN RESIDENCE REMARKS	it: U Yes U No Add'l Fax#:
	Time:			
Delivered By:	(Circle One)	Sample Condition	ion CHECKED BY:	
Sample: - UPS	Bus - Other: 20	Cool Intect Ves Ves	s (Infilate)	,



Company Name:

Sampler - UPS Bus - Other:

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

101 East Marland, Hobbs, NM 58240 (575) 393-2326 FAX (575) 393-2476

Project Wanage	" Mille Stobbletield		P.O. W		! !	1 1	1 1	1 1	ļ
Address:	408 W. Turas hos.	Company: Talogica	المحقول						
City:	Actesia State: 2003	Attn:		- 1					
Phone #:	575-441-7254 Faich: 595	- 146.3705	Address.		1				]
Project #:	700794.005.61Project Owns	er: Deuro Francy Corn	City.		13			1	
Project Name:	Good night I fee	37	State: Zig:		26			-	
Project Location	<b>1</b> 3 .		Phone #:	`	9				
Sampler Name:	mine (stoppfill		Fax #:	1				1 1	1 1
FOR LAGUSE ONLY		MATRIX	PRESERV. SAMPI	ING	7				
Lab I.D.	Sample I.D.	# CONTAINERS # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	STUDGE OTHER ACIDIBASE ICE / COOL OTHER D D D D D D D D D D D D D D D D D D D	TIME	10tal				
HIDD957-21	5-16 10'	C Z	7 5.5.11	3.22					
22	5-16 151	6	1 5.5.11	3:320		<u> </u>			
23	5-17 01	6 /	1: 5.6.11	3.388	/				
24	5-17 2'	6	5.5.11	13:465 .					
25	5-17 4'	6	5.5.11	13:538	_				
26		0	1. 5.5.11	3,549				]	
27	5-17 6'	6 /	1 5.5-1	14:000					
28	5-17 10'	4	1 5.5.1	14.030					
29	5-17 15	(a /	551	12:070 -					
30	5-18 0'	4	1 500/1	4.190 -					
	d Damages. Cardinate liability and client is exclusive remeny for in those for negligence and any other cause wholsoever shall be				aldeade				
	ridinal be liable for incidental or consequental damages. Including In out of or related to the performance of services, becounded by t								
Relinquished By		Received By:		Phone Result:			Phone #:	 	
<b>でいっ</b> 込まだれ Relinquished By	Time: 33	JOHN S	alenson.	REMARKS:	11	i wo "Twaa"	rax v:		
Delivered By:	(Circle One)	Sample Cond	ntion CHECKED BY:						

BILL TO



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

deress: 108 M. Terrat, But.  Griffshill State: dry Zip: 882:0  Atte:  cone 8: 575-441-7257 Fax 8: 575-746-5205  Addross:  copiet Name: Grood night 9 Fee  copiet Name: Onde Complaint  Grood night 9 Fee  State: Zip:  Phone 8:  Fax 8:  conut 108 ON  MATRIX PRESERV SAMPLING  But 108 ON  MATRIX PRESERV SAMPLING  But 108 ON  MATRIX PRESERV SAMPLING  But 108 ON  But 108	Company Name: Talen/LPE	BILL TO	ANALYSIS REQUEST	
State: 498 J. J. Tena G. Bue.  State: 479 Zet State		P.O. 3:		
State: afg Zip: KB210		Company: Talon/ CPE		
Color   S   PO		· ·		
roject Losation: Groc 1 123 F. R. 35 Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Phone	Phone #: 575-441.7254 Fax#: \$95-746-8405			
roject Losation: Groc 1 123 F. R. 35 Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Fax 8: Phone 3: Phone	Project #: 700 294.005,61 Project Owner: Deura Erea y Co.	gg City:		
Page   Page	Project Name: Grand night & Fee	State: Zip:		
MATRIX   PRESERV   SAMPLING		Phone #:		
MATRIX   PRESERV   SAMPLING		Fax #:		
35 5-18 4' 6 4 5-5-11/35 6 4 5-5-11/35 6 4 5-5-11/35 6 4 5-5-11/35 6 4 5-5-11/35 6 4 5-5-11/35 6 4 5-5-11/35 6 4 5-5-11/35 6 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5-5-11/35 6 5 5 5 5 5-5-11/35 6 5 5 5 5 5-5-11/35 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		X PRESERV. SAMPLING		
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33 5-18 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6		5.5114.290		
33 5-18 6 34 5-18 8 35 5-18 1C 35 5-18 15 36 5-18 15 37 5-17 0' 36 5-18 15 37 5-17 0' 37 5-17 0' 37 5-17 0' 37 5-17 0' 37 5-17 5-18 0' 38 5-19 3' 39 5-19		1 55-114:320		
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35 5 7 8 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	34 5-18 8' 6 1	1 55114380		
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101 East Marland, Hobbs, NM 88240

	(5/5) 393-2326 FAX (5/5) 393-24	( to				
Company Name	e: Talon/LPE		BILL TO	QUEST		
Project Manage	er: Mike Stubblefield		P.O. #:			
Address:	408 W. TERAS AUC.		Company: Talogicas			
City:	•	Zip: Bezic	Atin:			
Phone #:	575-441.7254 Fax#: 893-	. 748.8405	Address:			
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પુર્છ	5-20 8'	6	1 5-5-116:210			
49	S-20 10'	6 /	1 5.5-11 6:240	/		
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service. In no event shall Cardinal be liable for incidental or consequental damages, including willows limitation, business site ruptions, loss of use, or loss of use, or loss of profits included by client its subsidiaries,

affiliates or successors ansing out of or retated to the performance	e of services herounder by Cardinal, regardless of whether such claim is based upon any of the above stated	regsons or all envice	
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† Cardinal cannot accept verbal	changes. Please (zx written changes to 505-393-2676		₽ Page
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Project Manager: Mitte Stobblefield

Company Name:

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

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

Address:	408 W. Teras Auc.					omp	any:	Talon 61	Je		1 1					İ				1	1	
City:	McCSIN State: 1/19 Zip: 188210 5#: 575-441.7254 Fax#: 1595-746-18905					Attn: Address:			_						,							
Phone #:									- 2	4					1							
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BILL TO

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