



August 17, 2011



Mr. Mike Bratcher
NMOCD District 2
1301 West Grand Avenue
Artesia, NM 88210

AMARILLO
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Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

ARTESIA
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Artesia, New Mexico 88210
Phone 575.746.8768
Fax 575 746.8905

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911 West Anderson Lane
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Austin, Texas 78757
Phone 512.989.3428
Fax 512.989 3487

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

MIDLAND
2901 State Hwy 349
Midland, Texas 79706
Phone 432.522.2133
Fax 432.522.2180

SAN ANTONIO
11 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

Subject: **Soil Assessment and Remediation Work Plan**
Devon Energy Corporation
Ore Ida 14 Federal No. 10
API # 30-015-29290 -- 2RP-798

Dear Mr. Bratcher,

Devon Energy Corporation has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the referenced Ore Ida 14 Federal No. 10 release. The results of our soil assessment and proposed remediation activities consist of the following:

Incident Date

May 11, 2011

Background Information

The Ore Ida 14 Federal No. 10 is located approximately thirty (30) miles southeast of Carlsbad, New Mexico. The legal location for the site is Section 14, Township 24 South and Range 29 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the release are 32.21520 North and -103.94946 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Stony and Rough broken land. The local surface and shallow geology is Holocene to Pleistocene in age and is comprised of eolian sands and piedmont deposits which includes silty soils under lain with hard caliche. The New Mexico State Engineer web site indicates the nearest ground water data to be in S16-T24S-R29E. The ground water in Section 16 is reported to be at an average depth of 11' below ground surface (bgs). The referenced groundwater data is presented in Appendix I.

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

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

ENVIRONMENTAL CONSULTING
ENGINEERING
DRILLING
CONSTRUCTION
SPILL MANAGEMENT
GENERAL CONTRACTING

Toll Free: 866.742.0742
www.talonlpe.com

Incident Description

On May 11, 2011 a flow line was damaged causing a release of one hundred (100) barrels of produced water onto the lease road. There were no fluids recovered. The well was shut-in, the flow line was repaired and well was returned to service. The initial release from the flow line is located near the Ore Ida 14 Federal No. 10 approximately 355-feet south along the lease road. The release flowed south down the lease road in an area approximately 1,202-feet long by 11-15 feet wide.

Actions Taken

On May 20, 2011 Talon/LPE mobilized personnel to begin the site assessment and soil sampling for the construction of a work plan. Grab soil samples were collected utilizing a split spoon auger rig. The soil sample locations S-1 and S-2 were collected from within the impacted areas from 0-12 feet deep. Sample locations S-3 and S-4 were collected from within the impacted areas from 0-8 feet deep. The sample BG S-1 was collected for back ground chlorides from the non-impacted area off the lease road.

On June 24, 2001 Talon mobilized personnel again to the site for additional samples using a backhoe. Grab samples S-5 thru S-12 were collected from the impacted area from 1-6 feet deep.

Soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis of chlorides using method SM4500Cl-B. The complete laboratory report is attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

May 26, 2011

S-1		S-2		S-3		S-4		BG S-1	
Feet	Chlorides	Feet	Chlorides	Feet	Chlorides	Feet	Chlorides	Feet	Chlorides
0'	41600	0'	64000	0'	43200	0'	23200	0'	16
2'	1920	2'	592	2'	288	2'	592	2'	**
4'	656	4'	1300	4'	3040	4'	688	4'	**
6'	2040	6'	48	6'	32	6'	336	6'	**
8'	768	8'	208	8'	32	8'	160	8'	**
10'	384	10'	16	10'	**	10'	**	10'	**
12'	352	12'	144	12'	**	12'	**	12'	**

**Not tested

August 16, 2001

S-5		S-6		S-7		S-8		S-9	
Feet	Chlorides	Feet	Chlorides	Feet	Chlorides	Feet	Chlorides	Feet	Chlorides
1'	1410	1'	16	1'	176	1'	80	1'	464
2'	288	2'	96	2'	288	2'	192	2'	544
3'	432	3'	208	3'	512	3'	496	3'	448
4'	528	4'	256	4'	272	4'	384	4'	96
5'	432	5'	176	5'	192	5'	320	5'	48
6'	416	6'	64	6'	64	6'	352	6'	48
S-10		S-11		S-12					
Feet	Chlorides	Feet	Chlorides	Feet	Chlorides				
1'	496	1'	880	1'	352				
2'	592	2'	4040	2'	160				
3'	576	3'	944	3'	624				
4'	416	4'	368	4'	240				
5'	544	5'	128	5'	160				
6'	336	6'	80	6'	176				

Summary and Conclusions

- Ground water in the project vicinity is less than 50-feet below land surface per the New Mexico State Engineer Database.
- Based upon the results of the laboratory data obtained for this investigation, the vertical impacts of the chloride release have been documented to be 48 mg/kg at 6' below ground surface in the impacted area.
- Based on the depth to groundwater and the chloride levels detected in the soil at the sample location, it is unlikely that the chloride impacts identified from this release will pose a threat to groundwater.

Proposed Remedial Actions

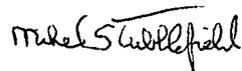
- The impacted soil from this release will be excavated to a depth of 1-foot deep. The excavated soil will be transported to a NMOCD approved solid waste disposal facility. Exceptions include the impacted area from S-11 to the end of the pooling area which will be excavated to a depth of 2-feet below land surface.
- Since the impacted area is an active lease road the area the excavated area will be immediately backfilled after excavation using new material transported from a local borrow pit. The backfill material will be contoured to match existing lease road.

- Because the impacted area is an active lease road no confirmation samples will be collected. Horizontal delineation for chlorides on excavated sidewalls will be completed by testing on location using the field titration test method for chlorides.
- A final report documenting all field activities and lab reports will be provided to the NMOCD Artesia Office utilizing Form C-141.

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

Respectfully submitted,

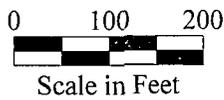
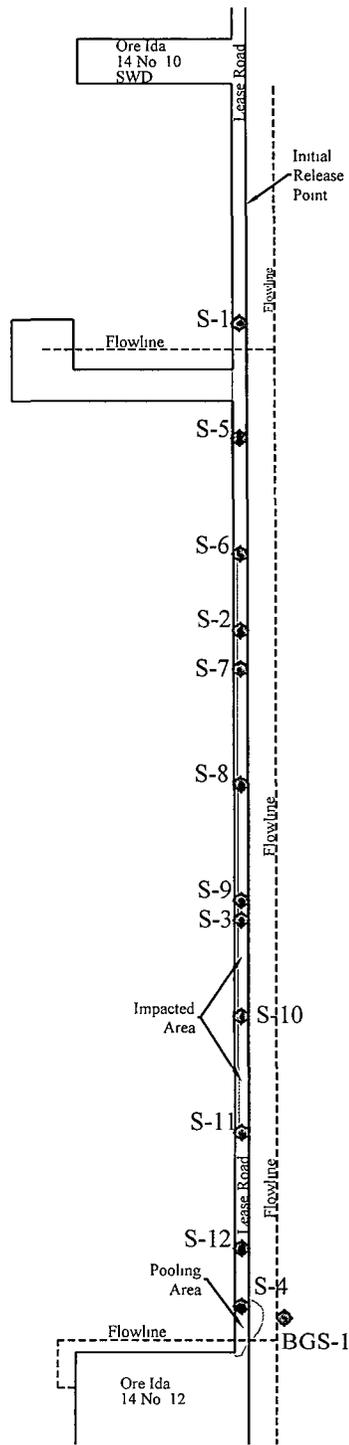
TALON/LPE



Mike Stubblefield
Project Manager

David J. Adkins
District Manager

SITE MAP



Legend

-  - Sample Locations
-  - Impacted Area



Date: 07/06/2011
 Scale: 1" = 200'
 Drawn By: TJS

Ore Ida 14 No. 10
 Devon Energy Corporation
 Carlsbad, Eddy County, New Mexico
 Site Plan

APPENDIX I
GROUNDWATER DATA
INITIAL C-141



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)

POD Number	Sub basin	Use	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Depth Well	Depth Water	Water Column
C 00349	CUB	CLS	ED	1	3	18	24S	29E	591401	3564773*	2734			
C 00381	C	CLS	ED	3	2	3	07	24S	29E	591682	3566297*	2797		
C 00463	C	PRO	ED	4	4	4	17	24S	29E	594332	3564282*	260	4	256
C 00856		EXP	ED	1	2	4	30	24S	29E	592538	3561644*	380		
C 00857		EXP	ED	3	1	4	30	24S	29E	592135	3561440*	306		
C 00862		EXP	ED	1	2	4	30	24S	29E	592538	3561644*	155		
C 00863		MIN	ED	3	3	1	16	24S	29E	594524	3565091*	220		
C 02713		IND	ED	4	4	1	16	24S	29E	591633	3565944	230	18	212
Average Depth to Water:												11 feet		
Minimum Depth:												4 feet		
Maximum Depth:												18 feet		

Record Count: 8

PLSS Search:

Township: 24S Range: 29E

*UTM location was derived from PLSS - see Help

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

District I
1625 N. French Dr., Hobbs, NM 88240
District II
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

OPERATOR

Initial Report Final Report

Name of Company Devon Energy	Contact Roy White, Foreman	
Address 6488 Seven Rivers Hwy – P.O. Box 250	Telephone No. 575- 748-5234	
Facility Name Ore Ida 14 Federal #10	Facility Type	
Surface Owner	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	14	24S	29E	1780'	FSL	860'	FEL	Eddy

Latitude – N32.21516 * Longitude – 103.94927

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 100 bbls	Volume Recovered 0
Source of Release Above Ground Poly Line was ran over	Date and Hour of Occurrence 05/11/11 – 10:00 pm	Date and Hour of Discovery 05-11-11 – 10:00 pm
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Jim Amos	
By Whom? Roy White, Foremen	Date and Hour 05-12-11 – 9:10 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* A truck had driven over an above ground ploy line causing damage to the line releasing 100 bbl of produced water onto the road with 0 bbl recovered. Devon lease operator arrived on location to shut off all transfer pumps going into that line and isolated the leak. Soil samples will be gathered as per the request from the BLM representative.		
Describe Area Affected and Cleanup Action Taken.* Shut off all transfer pumps going into that line & isolated the leak.		
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.		
Signature: Mykol Horner	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Mykol Horner	Approved by District Supervisor:	
Title: Field Tech 1	Approval Date:	Expiration Date:
E-mail Address: mykol.horner@dvn.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date:	Phone: 575-748-0160	

* Attach Additional Sheets If Necessary

APPENDIX II
LABORATORY RESULTS

May 26, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ORE IDA 14 FEDERAL NO. 10

Enclosed are the results of analyses for samples received by the laboratory on 05/24/11 10:21.

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 Hydrocarbons

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

Cardinal Laboratories is accredited 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.

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

Analytical Results For:

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

Received:	05/24/2011	Sampling Date:	05/20/2011
Reported:	05/26/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 1 0' (H101057-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	41600	16.0	05/26/2011	ND	448	112	400	3.64		

Sample ID: S - 1 2' (H101057-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	05/26/2011	ND	448	112	400	3.64		

Sample ID: S - 1 4' (H101057-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	05/26/2011	ND	448	112	400	3.64		

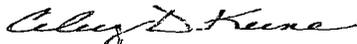
Sample ID: S - 1 6' (H101057-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2040	16.0	05/26/2011	ND	448	112	400	3.64		

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/24/2011	Sampling Date:	05/20/2011
Reported:	05/26/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 1 8' (H101057-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	05/26/2011	ND	448	112	400	3.64		

Sample ID: S - 1 10' (H101057-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	05/26/2011	ND	448	112	400	3.64		

Sample ID: S - 1 12' (H101057-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	05/26/2011	ND	448	112	400	3.64		

Sample ID: S - 2 0' (H101057-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64000	16.0	05/26/2011	ND	448	112	400	3.64		

Sample ID: S - 2 2' (H101057-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	05/26/2011	ND	448	112	400	3.64		

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	05/24/2011	Sampling Date:	05/20/2011
Reported:	05/26/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 2 4' (H101057-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1300	16.0	05/26/2011	ND	448	112	400	3.64		

Sample ID: S - 2 6' (H101057-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/26/2011	ND	448	112	400	3.64		

Sample ID: S - 2 8' (H101057-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	05/26/2011	ND	448	112	400	3.64		

Sample ID: S - 2 10' (H101057-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/26/2011	ND	448	112	400	3.64		

Sample ID: S - 2 12' (H101057-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/26/2011	ND	448	112	400	3.64		

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Coley D. Keene, Lab Director/Quality Manager

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Reported:	05/26/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 3 0' (H101057-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	43200	16.0	05/26/2011	ND	448	112	400	3.64	

Sample ID: S - 3 2' (H101057-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	05/26/2011	ND	448	112	400	3.51	

Sample ID: S - 3 4' (H101057-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	05/26/2011	ND	448	112	400	3.51	

Sample ID: S - 3 6' (H101057-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/26/2011	ND	448	112	400	3.51	

Sample ID: S - 3 8' (H101057-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/26/2011	ND	448	112	400	3.51	

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Reported:	05/26/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 4 0' (H101057-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	23200	16.0	05/26/2011	ND	448	112	400	3.51		

Sample ID: S - 4 2' (H101057-21)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	05/26/2011	ND	448	112	400	3.51		

Sample ID: S - 4 4' (H101057-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	05/26/2011	ND	448	112	400	3.51		

Sample ID: S - 4 6' (H101057-23)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	05/26/2011	ND	448	112	400	3.51		

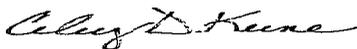
Sample ID: S - 4 8' (H101057-24)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/26/2011	ND	448	112	400	3.51		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/24/2011	Sampling Date:	05/20/2011
Reported:	05/26/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: BG S - 1 0' (H101057-25)

Chloride, SM4500Cl-B

mg/kg

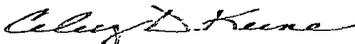
Analyzed By: HM

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/26/2011	ND	448	112	400	3.51	

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Celey D. Keene, Lab Director/Quality Manager

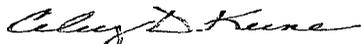
Notes and Definitions

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, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <i>Talon/LPE</i>		BILL TO		ANALYSIS REQUEST																				
Project Manager: <i>Mike Stubblefield</i>		P.O. #:		<i>Total Chlorides</i>																				
Address: <i>408 W. Texas</i>		Company: <i>Talon/LPE</i>																						
City: <i>Artesia</i> State: <i>NM</i> Zip: <i>88210</i>		Attn:																						
Phone #: <i>575-441-7254</i> Fax #: <i>575-746-3905</i>		Address:																						
Project #: <i>700794.012.01</i> Project Owner: <i>CELCO</i>		City:																						
Project Name: <i>DRE IDA 14 Federal RD. 10</i>		State: Zip:																						
Project Location: <i>W-14-T345-R294</i>		Phone #:																						
Sampler Name: <i>Mike Stubblefield</i>		Fax #:																						
FOR LAB USE ONLY																								
Lab I.D.	Sample I.D.	(GRAB OR (C)OMP)	# CONTAINERS											MATRIX				PRESERV.			SAMPLING			
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME										
<i>H101057</i>																								
<i>1</i>	<i>S-1 0'</i>												<i>5/20/11</i>	<i>10:12A</i>										
<i>2</i>	<i>S-1 3'</i>												<i>5-20-11</i>	<i>10:31A</i>										
<i>3</i>	<i>S-1 4'</i>												<i>5-20-11</i>	<i>10:37A</i>										
<i>4</i>	<i>S-1 6'</i>												<i>5-20-11</i>	<i>10:41A</i>										
<i>5</i>	<i>S-1 8'</i>												<i>5-20-11</i>	<i>11:05A</i>										
<i>6</i>	<i>S-1 10'</i>												<i>5-20-11</i>	<i>11:10A</i>										
<i>7</i>	<i>S-1 12'</i>												<i>5-20-11</i>	<i>11:21A</i>										
<i>8</i>	<i>S-2 0'</i>												<i>5-20-11</i>	<i>11:00P</i>										
<i>9</i>	<i>S-2 2'</i>												<i>5-20-11</i>	<i>12:02P</i>										
<i>10</i>	<i>S-2 4'</i>												<i>5-20-11</i>	<i>12:56P</i>										

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Relinquished By: <i>Mike Stubblefield</i>	Date: <i>5/21/2011</i> Time: <i>10:21A</i>	Received By: <i>Jodi Hanson</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>240</i>			REMARKS:	
Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		CHECKED BY: (Initials) <i>JH</i>		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <i>Talon/LPE</i>		P.O. #:		ANALYSIS REQUEST																							
Project Manager: <i>Mike Stubblefield</i>		Company: <i>Talon/LPE</i>		<i>total Chlorides</i>																							
Address: <i>408 W. Texas</i>		Attn:																									
City: <i>Artesia</i> State: <i>NM</i> Zip: <i>88210</i>		Address:																									
Phone #: <i>575-441-7254</i> Fax #: <i>575-746-8905</i>		City:																									
Project #: <i>700794.012.01</i> Project Owner: <i>Devon</i>		State: Zip:																									
Project Name: <i>Oroidea 14 Federal 10</i>		Phone #:																									
Project Location: <i>14 T24S R29E</i>		Fax #:																									
Sampler Name: <i>Mike Stubblefield</i>																											
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	(C)RAB OR (C)OMP.	# CONTAINERS													MATRIX					PRESERV			SAMPLING			
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER:	DATE	TIME													
<i>H101057</i>																											
	<i>20 S-4 0'</i>												<i>5-20-11</i>	<i>1:33p</i>													
	<i>21 S-4 2'</i>												<i>5-20-11</i>	<i>2:05p</i>													
	<i>22 S-4 4'</i>												<i>5-20-11</i>	<i>2:10p</i>													
	<i>23 S-4 6'</i>												<i>5-20-11</i>	<i>2:14p</i>													
	<i>24 S-4 8'</i>												<i>5-20-11</i>	<i>2:18p</i>													
	<i>25 86 S-1 0'</i>												<i>5-20-11</i>	<i>2:32p</i>													

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Relinquished By: <i>Mike Stubblefield</i>	Date: <i>5/20/2011</i> Time: <i>10:21A</i>	Received By: <i>Jodi Henson</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>240c</i>			Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKER BY: <i>JWH</i>
REMARKS:				

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2476



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 16, 2011

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: ORE IDA 14 FEDERAL NO. 10

Enclosed are the results of analyses for samples received by the laboratory on 06/27/11 11:30.

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 Hydrocarbons

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

Cardinal Laboratories is accredited 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.

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,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/27/2011	Sampling Date:	06/23/2011
Reported:	08/16/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 5 1' (H101321-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1410	16.0	06/27/2011	ND	416	104	400	3.92		

Sample ID: S - 5 2' (H101321-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	06/27/2011	ND	416	104	400	3.92		

Sample ID: S - 5 3' (H101321-03)

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	06/27/2011	ND	416	104	400	3.92		

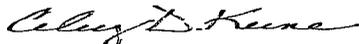
Sample ID: S - 5 4' (H101321-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	06/27/2011	ND	416	104	400	3.92		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/27/2011	Sampling Date:	06/23/2011
Reported:	08/16/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 5 5' (H101321-05)

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	06/27/2011	ND	416	104	400	3.92		

Sample ID: S - 5 6' (H101321-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	06/27/2011	ND	432	108	400	0.00		

Sample ID: S - 6 1' (H101321-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/27/2011	ND	432	108	400	0.00		

Sample ID: S - 6 2' (H101321-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/27/2011	ND	432	108	400	0.00		

Sample ID: S - 6 3' (H101321-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	06/27/2011	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/27/2011	Sampling Date:	06/23/2011
Reported:	08/16/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 6 4' (H101321-10)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	06/27/2011	ND	432	108	400	0.00		

Sample ID: S - 6 5' (H101321-11)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/27/2011	ND	432	108	400	0.00		

Sample ID: S - 6 6' (H101321-12)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/27/2011	ND	432	108	400	0.00		

Sample ID: S - 7 1' (H101321-13)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/27/2011	ND	432	108	400	0.00		

Sample ID: S - 7 2' (H101321-14)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	06/27/2011	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/27/2011	Sampling Date:	06/23/2011
Reported:	08/16/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 7 3' (H101321-15)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	512	16.0	06/27/2011	ND	432	108	400	0.00		

Sample ID: S - 7 4' (H101321-16)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	06/28/2011	ND	432	108	400	0.00		

Sample ID: S - 7 5' (H101321-17)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	06/28/2011	ND	432	108	400	0.00		

Sample ID: S - 7 6' (H101321-18)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/28/2011	ND	432	108	400	0.00		

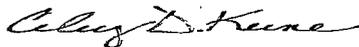
Sample ID: S - 8 1' (H101321-19)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/28/2011	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/27/2011	Sampling Date:	06/23/2011
Reported:	08/16/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 8 2' (H101321-20)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	06/28/2011	ND	432	108	400	0.00		

Sample ID: S - 8 3' (H101321-21)

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	06/28/2011	ND	432	108	400	0.00		

Sample ID: S - 8 4' (H101321-22)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	06/28/2011	ND	432	108	400	0.00		

Sample ID: S - 8 5' (H101321-23)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	06/28/2011	ND	432	108	400	0.00		

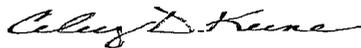
Sample ID: S - 8 6' (H101321-24)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	06/28/2011	ND	432	108	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/27/2011	Sampling Date:	06/24/2011
Reported:	08/16/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 9 1' (H101321-25)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	06/28/2011	ND	432	108	400	0.00		

Sample ID: S - 9 2' (H101321-26)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 9 3' (H101321-27)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 9 4' (H101321-28)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/28/2011	ND	416	104	400	3.77		

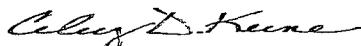
Sample ID: S - 9 5' (H101321-29)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/28/2011	ND	416	104	400	3.77		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/27/2011	Sampling Date:	06/24/2011
Reported:	08/16/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 9 6' (H101321-30)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 10 1' (H101321-31)

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	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 10 2' (H101321-32)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 10 3' (H101321-33)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	06/28/2011	ND	416	104	400	3.77		

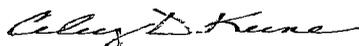
Sample ID: S - 10 4' (H101321-34)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	06/28/2011	ND	416	104	400	3.77		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/27/2011	Sampling Date:	06/24/2011
Reported:	08/16/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S -10 5' (H101321-35)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 10 6' (H101321-36)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 11 1' (H101321-37)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	880	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 11 2' (H101321-38)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4040	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 11 3' (H101321-39)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	944	16.0	06/28/2011	ND	416	104	400	3.77		

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 Fax To: (575) 745-8905

Received:	06/27/2011	Sampling Date:	06/24/2011
Reported:	08/16/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 11 4' (H101321-40)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 11 5' (H101321-41)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 11 6' (H101321-42)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 12 1' (H101321-43)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	06/28/2011	ND	416	104	400	3.77		

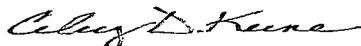
Sample ID: S - 12 2' (H101321-44)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/28/2011	ND	416	104	400	3.77		

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Analytical Results For:

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

Received:	06/27/2011	Sampling Date:	06/24/2011
Reported:	08/16/2011	Sampling Type:	Soil
Project Name:	ORE IDA 14 FEDERAL NO. 10	Sampling Condition:	** (See Notes)
Project Number:	700794.012.01	Sample Received By:	Jodi Henson
Project Location:	ULI-14-T24S-R29E		

Sample ID: S - 12 3' (H101321-45)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	06/28/2011	ND	416	104	400	3.77		

Sample ID: S - 12 4' (H101321-46)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	06/28/2011	ND	448	112	400	3.64		

Sample ID: S - 12 5' (H101321-47)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	06/28/2011	ND	448	112	400	3.64		

Sample ID: S - 12 6' (H101321-48)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/28/2011	ND	448	112	400	3.64		

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Celey D. Keene, Lab Director/Quality Manager

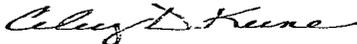
Notes and Definitions

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, Lab Director/Quality Manager



CARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Jalon/PLC</i>		BILL TO		ANALYSIS REQUEST																					
Project Manager:		P.O. #:		<i>Total Chlorides</i>																					
Address: <i>408 W. Japas</i>		Company: <i>Jalon/PLC</i>																							
City: <i>Altasia</i> State: <i>NM</i> Zip: <i>88210</i>		Attn:																							
Phone #: <i>505-746-8768</i> Fax #: <i>505-746-8905</i>		Address:																							
Project #: <i>700294.012.01</i> Project Owner: <i>Devon Energy</i>		City:																							
Project Name: <i>Oro Ida 14 Federal No. 10</i>		State: Zip:																							
Project Location: <i>14-T245-R27E</i>		Phone #:																							
Sampler Name: <i>Mike Stebbiefield</i>		Fax #:																							
FOR LAB USE ONLY																									
Lab I.D.	Sample I.D.	(C)RAB OR (C)OMP.	# CONTAINERS													MATRIX					PRESERV.			SAMPLING	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME											
<i>H101321-</i>																									
<i>1</i>	<i>S-5 1'</i>	<i>G</i>	<i>1</i>			<i>/</i>				<i>/</i>			<i>6-23-11</i>	<i>1:21p</i>											
<i>2</i>	<i>S-5 2'</i>	<i>G</i>	<i>1</i>			<i>/</i>				<i>/</i>			<i>6-23-11</i>	<i>1:22p</i>											
<i>3</i>	<i>S-5 3'</i>	<i>G</i>	<i>1</i>			<i>/</i>				<i>/</i>			<i>6-23-11</i>	<i>1:23p</i>											
<i>4</i>	<i>S-5 4'</i>	<i>G</i>	<i>1</i>			<i>/</i>				<i>/</i>			<i>6-23-11</i>	<i>1:25p</i>											
<i>5</i>	<i>S-5 5'</i>	<i>G</i>	<i>1</i>			<i>/</i>				<i>/</i>			<i>6-23-11</i>	<i>1:31p</i>											
<i>6</i>	<i>S-5 6'</i>	<i>G</i>	<i>1</i>			<i>/</i>				<i>/</i>			<i>6-23-11</i>	<i>1:35p</i>											
<i>7</i>	<i>S-6 1'</i>	<i>G</i>	<i>1</i>			<i>/</i>				<i>/</i>			<i>6-23-11</i>	<i>2:14p</i>											
<i>8</i>	<i>S-6 2'</i>	<i>G</i>	<i>1</i>			<i>/</i>				<i>/</i>			<i>6-23-11</i>	<i>2:16p</i>											
<i>9</i>	<i>S-6 3'</i>	<i>G</i>	<i>1</i>			<i>/</i>				<i>/</i>			<i>6-23-11</i>	<i>2:18p</i>											
<i>10</i>	<i>S-6 4'</i>	<i>G</i>	<i>1</i>			<i>/</i>				<i>/</i>			<i>6-23-11</i>	<i>2:20p</i>											

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Relinquished By: <i>Kimberly M. Wilson</i>	Date: <i>6/27/11</i> Time: <i>7:20</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date: <i>6/27/11</i> Time: <i>11:30</i>	Received By: <i>Jodi Munson</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	<i>24.52</i>	Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) <i>[Signature]</i>	
REMARKS:				

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

26

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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Jaton/PE</i>		BILL TO		ANALYSIS REQUEST											
Project Manager:		P.O. #:		-Total Cholesterol											
Address: <i>408 W. Jutas</i>		Company: <i>Jaton/PE</i>													
City: <i>Altoona</i> State: <i>NM</i> Zip: <i>88210</i>		Attn:													
Phone #: <i>505-746-8268</i> Fax #: <i>505-746-8905</i>		Address:													
Project #: <i>700794.012.01</i> Project Owner: <i>Devon Energy</i>		City:													
Project Name: <i>Ono Tde 14 General No. 10</i>		State: Zip:													
Project Location: <i>14-T245-R27E</i>		Phone #:													
Sampler Name: <i>Mike Stebbins</i>		Fax #:													

Lab I.D.	Sample I.D.	FOR LAB USE ONLY	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.			SAMPLING		DATE	TIME
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE	ICE / COOL	OTHER :			
H101321-																
11	S-6 5'		G				/				/			6-23-11	3:22p	
12	S-6 6'		G				/				/			6-23-11	3:31p	
13	S-7 1'		G				/				/			6-23-11	3:05p	
14	S-7 2'		G				/				/			6-23-11	3:07p	
15	S-7 3'		G				/				/			6-23-11	3:11p	
16	S-7 4'		G				/				/			6-23-11	3:13p	
17	S-7 5'		G				/				/			6-23-11	3:15p	
18	S-7 6'		G				/				/			6-23-11	3:17p	
19	S-8 1'		G				/				/			6-23-11	3:34p	
20	S-8 2'		G				/				/			6-23-11	3:36p	

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Relinquished By: <i>Kimberly Wilson</i>	Date: <i>6/27/11</i> Time: <i>7:20</i>	Received By: <i>John Mack</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date: <i>6/27/11</i> Time: <i>11:30</i>	Received By: <i>Jodi Newson</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: (Initials) <i>JH</i>	REMARKS:	

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-#26



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Jaloni/LLP</i>		BILL TO		ANALYSIS REQUEST																							
Project Manager:		P.O. #:		<i>total Chalomidon</i>																							
Address: <i>408 W. Texas</i>		Company: <i>Jaloni/LLP</i>																									
City: <i>Antonia</i> State: <i>NM</i> Zip: <i>88210</i>		Attn:																									
Phone #: <i>505-746-8768</i> Fax #: <i>505-746-8805</i>		Address:																									
Project #: <i>700774.012.01</i> Project Owner: <i>Delon Energy</i>		City:																									
Project Name: <i>Old Ida 14 Federal Apr. 10</i>		State: Zip:																									
Project Location: <i>14-T-245-R29E</i>		Phone #:																									
Sampler Name: <i>Mike Stubblefield</i>		Fax #:																									
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	# CONTAINERS	(GRAB OR C/OMP.)													MATRIX				PRESERV.			SAMPLING				
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME													
<i>H101321</i>																											
	<i>21 5-8 3'</i>	<i>G</i>				<i>/</i>							<i>6-23-11</i>	<i>3:30p</i>	<i>/</i>												
	<i>22 5-9 4'</i>	<i>G</i>				<i>/</i>							<i>6-23-11</i>	<i>3:40p</i>	<i>/</i>												
	<i>23 5-9 5'</i>	<i>G</i>				<i>/</i>							<i>6-23-11</i>	<i>3:42p</i>	<i>/</i>												
	<i>24 5-9 6'</i>	<i>G</i>				<i>/</i>							<i>6-23-11</i>	<i>3:44p</i>	<i>/</i>												
	<i>25 5-9 1'</i>	<i>G</i>				<i>/</i>							<i>6-24-11</i>	<i>9:45a</i>	<i>/</i>												
	<i>26 5-9 2'</i>	<i>G</i>				<i>/</i>							<i>6-24-11</i>	<i>9:47a</i>	<i>/</i>												
	<i>27 5-9 3'</i>	<i>G</i>				<i>/</i>							<i>6-24-11</i>	<i>9:47a</i>	<i>/</i>												
	<i>28 5-9 4'</i>	<i>G</i>				<i>/</i>							<i>6-24-11</i>	<i>9:57a</i>	<i>/</i>												
	<i>29 5-9 5'</i>	<i>G</i>				<i>/</i>							<i>6-24-11</i>	<i>9:53a</i>	<i>/</i>												
	<i>30 5-9 6'</i>	<i>G</i>				<i>/</i>							<i>6-24-11</i>	<i>9:55a</i>	<i>/</i>												

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Relinquished By: <i>Kimberly Wilson</i>	Date: <i>6/24/11</i> Time: <i>9:25</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By: <i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)	Time:	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		<i>24.5°C</i> <input type="checkbox"/> Yes <input type="checkbox"/> No	<i>[Initials]</i>	
REMARKS:				

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CARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Jaloni/ARF</i>		BILL TO		ANALYSIS REQUEST																									
Project Manager:		P.O. #:		Total Chlorides																									
Address: <i>408 W. Texas</i>		Company: <i>Jaloni/ARF</i>																											
City: <i>Antesora</i> State: <i>NM</i> Zip: <i>88210</i>		Attn:																											
Phone #: <i>575-746-8768</i> Fax #: <i>575-746-8905</i>		Address:																											
Project #: <i>700794.012.01</i> Project Owner: <i>Oxilon Energy</i>		City:																											
Project Name: <i>Old Tada 14 Federal Aka. 10</i>		State: Zip:																											
Project Location: <i>14-T 245-R 27E</i>		Phone #:																											
Sampler Name: <i>Mike Stabbejald</i>		Fax #:																											
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	# GRAB OR (COMP. # CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	DATE	TIME															
	<i>H201321</i>																												
	<i>41</i>	<i>5-11 9'</i>	<i>6</i>										<i>6-24-11</i>	<i>11:24a</i>	<i>/</i>														
	<i>42</i>	<i>5-11 6'</i>	<i>6</i>										<i>6-24-11</i>	<i>11:36a</i>	<i>/</i>														
	<i>43</i>	<i>5-12 1'</i>	<i>6</i>										<i>6-24-11</i>	<i>11:54a</i>	<i>/</i>														
	<i>44</i>	<i>5-12 2'</i>	<i>6</i>										<i>6-24-11</i>	<i>11:56a</i>	<i>/</i>														
	<i>45</i>	<i>5-12 3'</i>	<i>6</i>										<i>6-24-11</i>	<i>11:58a</i>	<i>/</i>														
	<i>46</i>	<i>5-12 4'</i>	<i>6</i>										<i>6-24-11</i>	<i>12:00p</i>	<i>/</i>														
	<i>47</i>	<i>5-12 5'</i>	<i>6</i>										<i>6-24-11</i>	<i>12:02p</i>	<i>/</i>														
	<i>48</i>	<i>5-12 6'</i>	<i>6</i>										<i>6-24-11</i>	<i>12:04p</i>	<i>/</i>														
	<i>49</i>	<i>5-1 1'</i>	<i>6</i>										<i>6-24-11</i>	<i>12:28p</i>	<i>/</i>														
	<i>50</i>	<i>5-1 2'</i>	<i>6</i>										<i>6-24-11</i>	<i>12:30p</i>	<i>/</i>														
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																													
Relinquished By: <i>Kimberly M. Wilson</i>		Date: <i>6/27/11</i> Time: <i>9:20</i>		Received By: <i>John Med...</i>		Date: <i>10/27/11</i> Time: <i>11:30</i>		Received By: <i>Jodi Henson</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:		REMARKS:											
Delivered By: (Circle One)		Sampler - UPS - Bus - Other:		Sample Condition		CHECKED BY: (initials)																							
				<i>24.5°C</i> <input type="checkbox"/> Yes <input type="checkbox"/> No		<i>JH</i>																							

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CARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <i>Jalon / LPE</i>		BILL TO		ANALYSIS REQUEST											
Project Manager:		P.O. #:		<i>Total Chlorides</i>											
Address: <i>408 W. Jackson</i>		Company: <i>Jalon / LPE</i>													
City: <i>Artesia</i> State: <i>NM</i> Zip: <i>88210</i>		Attn:													
Phone #: <i>505-746-8768</i> Fax #: <i>505-746-8905</i>		Address:													
Project #: <i>700794.012.01</i> Project Owner: <i>DOB 2/17</i>		City:													
Project Name: <i>Dredge 14 Federal No. 10</i>		State: Zip:													
Project Location: <i>14-T-245-R29E</i>		Phone #:													
Sampler Name: <i>Mike Stubblefield</i>		Fax #:													
FOR LAB USE ONLY															
Lab I.D.	Sample I.D.	(GRAB OR (COMP. # CONTAINERS	MATRIX	PRESERV	SAMPLING										
			GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE	TIME									
<i>H1D1321</i>															
<i>51</i>	<i>S-1 31</i>	<i>6</i>			<i>6/24/11</i>	<i>12:32p</i>									
<i>52</i>	<i>S-1 41</i>	<i>6</i>			<i>6-24-11</i>	<i>12:34p</i>									
<i>53</i>	<i>S-1 51</i>	<i>6</i>			<i>6-24-11</i>	<i>12:36p</i>									
<i>54</i>	<i>S-1 61</i>	<i>6</i>			<i>6-24-11</i>	<i>12:38p</i>									

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Relinquished By: <i>Humbly M. Wilson</i>	Date: <i>6/27/11</i> Time: <i>9:20</i>	Received By: <i>John West</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Received By: <i>Yodi Benson</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: Initials <i>YB</i>	REMARKS:	

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