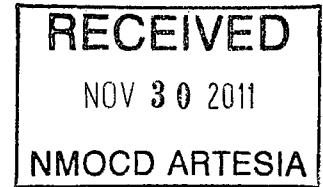




October 25, 2011



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

Subject: **Remediation and Closure Report**
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 above referenced Ore Ida 14 Federal No. 10 release. The incident description, soil assessment, remediation activities and closure request are submitted herein.

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 underlain 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'

AMARILLO

921 North Bivins
Amarillo, Texas 79107
Phone 806.467.0607
Fax 806.467.0622

ARTESIA

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

AUSTIN

911 West Anderson Lane
Suite 202
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

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 approximately 355-feet south along the lease road from Ore Ida 14 Federal No. 10. The release flowed south along the lease road in an area approximately 1,200-feet long by 11-15 feet wide.

Site Assessment

The analytical results of our site assessment generated for the work plan are detailed below:

May 26, 2011

[illegible]

**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				

Remedial Closure Actions Taken

On August 26, 2011 Talon personnel mobilized to the site to begin excavation. The impacted soil from this release was excavated to a depth of 1-foot deep. Exceptions include the impacted area from S-11 to the end of the pooling area which was excavated to a depth of 2-feet deep. The excavated soil was transported to a NMOCD approved solid waste disposal facility.

Since the impacted area is an active lease road the excavated area was immediately backfilled after excavation using new material transported from a local borrow pit. The backfill material was contoured to match existing lease road. No confirmation samples were required, as per the approved work plan.

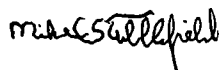
Conclusions and Recommendations

- Ground water in the project vicinity is 11-feet below land surface per the New Mexico State Engineer Database.
- The impacted area has been excavated to a depth of 1 to 2 feet deep.
- Horizontal delineation for chlorides on excavated sidewalls was completed by testing on location using the field titration test method for chlorides as approved in the work plan.
- Based upon the results of the sampling and analytical program, all chemical parameters tested for are reported to be less than their respective Recommended Remedial Action Levels (RRALs), below the excavated depth.
- Therefore, on behalf of Devon Energy Corporation, we respectfully request that no further actions be required and that closure with respect to this release be granted.

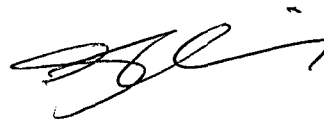
Should you have any questions or if further information is required, please do not hesitate to contact us at 575.746.8768.

Respectfully submitted,

TALON/LPE



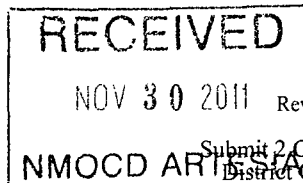
Mike Stubblefield
Project Manager



David J. Adkins
District Manager

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 – PO Box 250	Telephone No. – 575-513-1741
Facility Name – Ore Ida 14 Federal #10	Facility Type

Surface Owner	Mineral Owner	Lease No. API # 30-015-29290 2RP-798
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LOCATION OF RELEASE

Unit Letter I	Section 14	Township 24S	Range 29E	Feet from the 1780'	North/South Line South	Feet from the 860'	East/West Line East	County Eddy
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Latitude 32.21516 Longitude -103.94927

NATURE OF RELEASE

Type of Release – Produced Water	Volume of Release 100 bbls	Volume Recovered -0- bbls
Source of Release – Above ground poly line was run over	Date and Hour of Occurrence 5/11/11 – 10:00 pm	Date and Hour of Discovery 5/11/11 – 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, Foreman	Date and Hour 5/12/11 – 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 ran over an above ground poly line causing damage to the line releasing 100 bbls of produced water with 0 bbls recovered.

Describe Area Affected and Cleanup Action Taken.*

Talon/LPE excavated the saturated soil from the impacted lease road to a depth of 1-2 feet deep and approximately 1,200-feet in length. The excavated material was transported to a NMOCD approved Solid Waste disposal facility. Talon/LPE backfilled the area with new material transported from a local borrow pit. The backfill material was contoured to match existing lease road.

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: 		OIL CONSERVATION DIVISION	
Printed Name: David Adkins, TALON/LPE		Approved by District Supervisor:	
Title: Agent/Devon Energy		Approval Date:	Expiration Date:
E-mail Address: dadkins@talonlpe.com		Conditions of Approval:	
Date: 11/14/11 Phone: 575-746-8768		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary



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,

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	

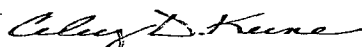
Sample ID: S - 5 4' (H101321-04)

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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*=Accredited Analyte

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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
Reported: 08/16/2011
Project Name: ORE IDA 14 FEDERAL NO. 10
Project Number: 700794.012.01
Project Location: ULI-14-T24S-R29E

Sampling Date: 06/23/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

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		

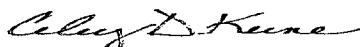
Sample ID: S - 6 3' (H101321-09)

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
Reported: 08/16/2011
Project Name: ORE IDA 14 FEDERAL NO. 10
Project Number: 700794.012.01
Project Location: ULI-14-T24S-R29E

Sampling Date: 06/23/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

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

Chloride, SM4500Cl-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, 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	06/27/2011	ND	432	108	400	0.00	

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

Chloride, SM4500Cl-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, 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	06/27/2011	ND	432	108	400	0.00	

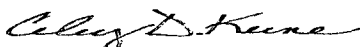
Sample ID: S - 7 2' (H101321-14)

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	432	108	400	0.00	

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*=Accredited Analyte

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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
Reported: 08/16/2011
Project Name: ORE IDA 14 FEDERAL NO. 10
Project Number: 700794.012.01
Project Location: ULI-14-T24S-R29E

Sampling Date: 06/23/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

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

Chloride, SM4500Cl-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, SM4500Cl-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, SM4500Cl-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, SM4500Cl-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	

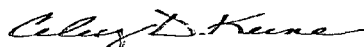
Sample ID: S - 8 1' (H101321-19)

Chloride, 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	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
Reported: 08/16/2011
Project Name: ORE IDA 14 FEDERAL NO. 10
Project Number: 700794.012.01
Project Location: ULI-14-T24S-R29E

Sampling Date: 06/23/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

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

Chloride, SM4500Cl-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, SM4500Cl-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, 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	06/28/2011	ND	432	108	400	0.00	

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

Chloride, SM4500Cl-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	

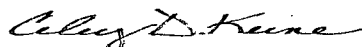
Sample ID: S - 8 6' (H101321-24)

Chloride, 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	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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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
Reported: 08/16/2011
Project Name: ORE IDA 14 FEDERAL NO. 10
Project Number: 700794.012.01
Project Location: ULI-14-T24S-R29E

Sampling Date: 06/24/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

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	

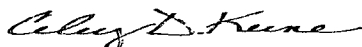
Sample ID: S - 9 5' (H101321-29)

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
Reported: 08/16/2011
Project Name: ORE IDA 14 FEDERAL NO. 10
Project Number: 700794.012.01
Project Location: ULI-14-T24S-R29E

Sampling Date: 06/24/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

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

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	

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

Chloride, SM4500Cl-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, 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	06/28/2011	ND	416	104	400	3.77		

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

Chloride, SM4500Cl-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		

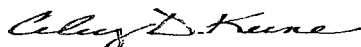
Sample ID: S - 10 4' (H101321-34)

Chloride, 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	06/28/2011	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
 Reported: 08/16/2011
 Project Name: ORE IDA 14 FEDERAL NO. 10
 Project Number: 700794.012.01
 Project Location: ULI-14-T24S-R29E

 Sampling Date: 06/24/2011
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

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	

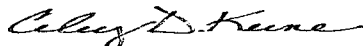
Sample ID: S - 11 3' (H101321-39)

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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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
Reported: 08/16/2011
Project Name: ORE IDA 14 FEDERAL NO. 10
Project Number: 700794.012.01
Project Location: ULI-14-T24S-R29E

Sampling Date: 06/24/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

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	

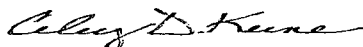
Sample ID: S - 12 2' (H101321-44)

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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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
Reported: 08/16/2011
Project Name: ORE IDA 14 FEDERAL NO. 10
Project Number: 700794.012.01
Project Location: ULI-14-T24S-R29E

Sampling Date: 06/24/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

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	

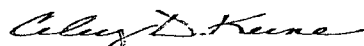
Sample ID: S - 12 6' (H101321-48)

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

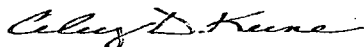
Notes and Definitions

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/PLE</i>		BILL TO		ANALYSIS REQUEST																								
Project Manager:		P.O. #:		<i>Total Chlorides</i>																								
Address: <i>408 W. Texas</i>		Company: <i>Jalon/PLE</i>																										
City: <i>Alamosa</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>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 Stubbiefield</i>		Fax #:																										
FOR LAB USE ONLY:	Lab I.D.	Sample I.D.	(GRAB OR C/COMP.)	# CONTAINERS	MATRIX				PRESERV.		SAMPLING																	
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
	<i>H101321-</i>																											
	<i>1 S-5 1'</i>		<i>G</i>				<i>/</i>					<i>/</i>		<i>6-23-11</i>	<i>1:21p</i>	<i>/</i>												
	<i>2 S-5 2'</i>		<i>G</i>				<i>/</i>					<i>/</i>		<i>6-23-11</i>	<i>1:22p</i>	<i>/</i>												
	<i>3 S-5 3'</i>		<i>G</i>				<i>/</i>					<i>/</i>		<i>6-23-11</i>	<i>1:23p</i>	<i>/</i>												
	<i>4 S-5 4'</i>		<i>G</i>				<i>/</i>					<i>/</i>		<i>6-23-11</i>	<i>1:25p</i>	<i>/</i>												
	<i>5 S-5 5'</i>		<i>G</i>				<i>/</i>					<i>/</i>		<i>6-23-11</i>	<i>1:31p</i>	<i>/</i>												
	<i>6 S-5 6'</i>		<i>G</i>				<i>/</i>					<i>/</i>		<i>6-23-11</i>	<i>1:35p</i>	<i>/</i>												
	<i>7 S-6 1'</i>		<i>G</i>				<i>/</i>					<i>/</i>		<i>6-23-11</i>	<i>2:14p</i>	<i>/</i>												
	<i>8 S-6 2'</i>		<i>G</i>				<i>/</i>					<i>/</i>		<i>6-23-11</i>	<i>2:16p</i>	<i>/</i>												
	<i>9 S-6 3'</i>		<i>G</i>				<i>/</i>					<i>/</i>		<i>6-23-11</i>	<i>2:18p</i>	<i>/</i>												
	<i>10 S-6 4'</i>		<i>G</i>				<i>/</i>					<i>/</i>		<i>6-23-11</i>	<i>2:20p</i>	<i>/</i>												

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Relinquished By:	Date: <i>6/27/11</i>	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
<i>Kimberly M. Wilson</i>	Time: <i>7:20</i>	<i>Ph M</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date: <i>6/27/11</i>	Received By:	REMARKS:	
	Time: <i>11:30</i>	<i>Jodi Jensen</i>		
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact <i>24.5°</i> <input type="checkbox"/> Yes <input type="checkbox"/> No	(Initials) <i>GA</i>		

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

#26

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:						BILL TO						ANALYSIS REQUEST																															
Project Manager:						P.O. #:																																					
Address:						Company:																																					
City:						Attn:																																					
Phone #:						Fax #:																																					
Project #:						Address:																																					
Project Owner:						City:																																					
Project Name:						State:						Zip:																															
Project Location:						Phone #:																																					
Sampler Name:						Fax #:																																					
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																																	
Lab I.D.		Sample I.D.		(GIRAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME															
H1D1321-				G																																							
11 S-6 5'				G																																							
12 S-6 6'				G																																							
13 S-7 1'				G																																							
14 S-7 2'				G																																							
15 S-7 3'				G																																							
16 S-7 4'				G																																							
17 S-7 5'				G																																							
18 S-7 6'				G																																							
19 S-8 1'				G																																							
20 S-8 2'				G																																							
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for 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.																																											
Relinquished By:										Received By:										Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:																							
<i>Kimberly Wilson</i>										<i>[Signature]</i>										Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Fax #:																							
Date: 6/27/11 Time: 7:20										Date: 6/27/11 Time: 11:30										REMARKS:																							
Delivered By: (Circle One)										Sample Condition										CHECKED BY:																							
Cool Intact										Cool Intact										(Initials)																							
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>										<i>[Signature]</i>																							
Sampler - UPS - Bus - Other:										24.5°C																																	

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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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: <u>Valon/LPE</u>				BILL TO		ANALYSIS REQUEST																		
Project Manager:				P.O. #:		Total Chloride																		
Address: <u>408 W. Texas</u>				Company: <u>Valon/LPE</u>																				
City: <u>Altoona</u>		State: <u>NM</u> Zip: <u>88210</u>		Attn:																				
Phone #: <u>575-746-8768</u>		Fax #: <u>575-746-8905</u>		Address:																				
Project #: <u>700794.012.01</u>		Project Owner: <u>Deion Energy</u>		City:																				
Project Name: <u>One Tide 14 Federal No. 10</u>				State: Zip:																				
Project Location: <u>14-T345-R29E</u>				Phone #:																				
Sampler Name: <u>Mike Stabbefeld</u>				Fax #:																				
FOR LAB USE ONLY																								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING													
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER												
<u>H1D1321</u>																								
<u>31</u>	<u>S-10 1'</u>	<u>G</u>				<u>/</u>				<u>/</u>	<u>6-24-11</u>	<u>10:37A</u>	<u>/</u>											
<u>32</u>	<u>S-10 2'</u>	<u>G</u>				<u>/</u>				<u>/</u>	<u>6-24-11</u>	<u>10:37A</u>	<u>/</u>											
<u>33</u>	<u>S-10 3'</u>	<u>G</u>				<u>/</u>				<u>/</u>	<u>6-24-11</u>	<u>10:41A</u>	<u>/</u>											
<u>34</u>	<u>S-10 4'</u>	<u>G</u>				<u>/</u>				<u>/</u>	<u>6-24-11</u>	<u>10:43A</u>	<u>/</u>											
<u>35</u>	<u>S-10 5'</u>	<u>G</u>				<u>/</u>				<u>/</u>	<u>6-24-11</u>	<u>10:45A</u>	<u>/</u>											
<u>36</u>	<u>S-10 6'</u>	<u>G</u>				<u>/</u>				<u>/</u>	<u>6-24-11</u>	<u>10:47A</u>	<u>/</u>											
<u>37</u>	<u>S-11 1'</u>	<u>G</u>				<u>/</u>				<u>/</u>	<u>6-24-11</u>	<u>11:16A</u>	<u>/</u>											
<u>38</u>	<u>S-11 2'</u>	<u>G</u>				<u>/</u>				<u>/</u>	<u>6-24-11</u>	<u>11:18A</u>	<u>/</u>											
<u>39</u>	<u>S-11 3'</u>	<u>G</u>				<u>/</u>				<u>/</u>	<u>6-24-11</u>	<u>11:22A</u>	<u>/</u>											
<u>40</u>	<u>C-11 11'</u>	<u>G</u>				<u>/</u>				<u>/</u>	<u>6-24-11</u>	<u>11:22A</u>	<u>/</u>											
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Relinquished By: <u>Kimberly M. Wilson</u>		Date: <u>6/27/11</u>		Received By: <u>John Red</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS:														
Relinquished By:		Date: <u>6/27/11</u>		Received By: <u>Jodi Munson</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																
Delivered By: (Circle One)		Time: <u>11:30</u>		Sample Condition		CHECKED BY: <u>GH</u>																		
Sampler - UPS - Bus - Other:		<u>24.50</u>		Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																				

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

26



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>Jalon/PE</u>				BILL TO				ANALYSIS REQUEST											
Project Manager:				P.O. #:				<div style="writing-mode: vertical-rl; transform: rotate(180deg);">Total Chlorides</div>											
Address: <u>408 W. Joplin</u>				Company: <u>Jalon/PE</u>															
City: <u>Albuquerque</u>		State: <u>NM</u>		Zip: <u>88210</u>		Attn:													
Phone #: <u>505-746-8768</u>		Fax #: <u>505-746-8805</u>		Address:		City:													
Project #: <u>700794.012.01</u>				Project Owner: <u>Devon Energy</u>															
Project Name: <u>Ona Ida 14 Federal Area</u>				State: Zip:															
Project Location: <u>14-T345-R27E</u>				Phone #:															
Sampler Name: <u>Mike Stubbiefield</u>				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING						
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME			
H101321																			
41 5-11 5'				G									6-24-11	11:24p	/				
42 5-11 6'				G									6-24-11	11:26p	/				
43 5-12 1'				G									6-24-11	11:54p	/				
44 5-12 2'				G									6-24-11	11:56p	/				
45 5-12 3'				G									6-24-11	11:58p	/				
46 5-12 4'				G									6-24-11	12:00p	/				
47 5-12 5'				G									6-24-11	12:02p	/				
48 5-12 6'				G									6-24-11	12:04p	/				
49 5-1 1'				G									6-24-11	12:28p	/				
50 5-1 2'				G									6-24-11	12:30p	/				
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Relinquished By: <u>Kimberly M. Wilson</u>				Date: <u>6/27/11</u>		Received By: <u>John M. [Signature]</u>				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:							
				Time: <u>9:20</u>						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:							
Relinquished By:				Date: <u>10/23/11</u>		Received By: <u>Godi Benson</u>				REMARKS:									
				Time: <u>11:30</u>															
Delivered By: (Circle One)																			
Sampler - UPS - Bus - Other:				24.5%		Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: (Initials) <u>GM</u>									

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

#26





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

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
 Reported: 05/26/2011
 Project Name: ORE IDA 14 FEDERAL NO. 10
 Project Number: 700794.012.01
 Project Location: ULI-14-T24S-R29E

 Sampling Date: 05/20/2011
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

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	

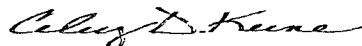
Sample ID: S - 1 6' (H101057-04)

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	

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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
Reported: 05/26/2011
Project Name: ORE IDA 14 FEDERAL NO. 10
Project Number: 700794.012.01
Project Location: ULI-14-T24S-R29E

Sampling Date: 05/20/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

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	

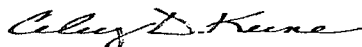
Sample ID: S - 2 2' (H101057-09)

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

Analytical Results For:

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

 Received: 05/24/2011
 Reported: 05/26/2011
 Project Name: ORE IDA 14 FEDERAL NO. 10
 Project Number: 700794.012.01
 Project Location: ULI-14-T24S-R29E

 Sampling Date: 05/20/2011
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Jodi Henson

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	

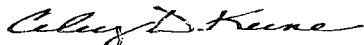
Sample ID: S - 2 12' (H101057-14)

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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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 - 3 0' (H101057-15)

Chloride, SM4500CI-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, 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	05/26/2011	ND	448	112	400	3.51	

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

Chloride, SM4500CI-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, SM4500CI-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	

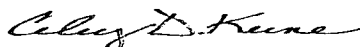
Sample ID: S - 3 8' (H101057-19)

Chloride, SM4500CI-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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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
Reported: 05/26/2011
Project Name: ORE IDA 14 FEDERAL NO. 10
Project Number: 700794.012.01
Project Location: ULI-14-T24S-R29E

Sampling Date: 05/20/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

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
Reported: 05/26/2011
Project Name: ORE IDA 14 FEDERAL NO. 10
Project Number: 700794.012.01
Project Location: ULI-14-T24S-R29E

Sampling Date: 05/20/2011
Sampling Type: Soil
Sampling Condition: ** (See Notes)
Sample Received By: Jodi Henson

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

Chloride, SM4500Cl-B

mg/kg

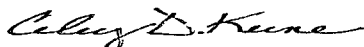
Analyzed By: HM

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

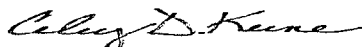
Notes and Definitions

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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*=Accredited Analyte

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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: <u>Talon/LPE</u> Project Manager: <u>Mike Stubblefield</u> Address: <u>408 W. Texas</u> City: <u>Artesia</u> State: <u>NM</u> Zip: <u>88210</u> Phone #: <u>575-441-7754</u> Fax #: <u>575-746-8925</u> Project #: <u>760794.012.01</u> Project Owner: <u>CELANO</u> Project Name: <u>ORE ID# 14 Federal RD. 10</u> Project Location: <u>ME-14-Texas-R29E</u> Sampler Name: <u>Mike Stubblefield</u>				BILL TO		ANALYSIS REQUEST											
				P.O. #: Company: <u>Talon/LPE</u> Attn: Address: City: State: Zip: Phone #: Fax #:		<i>total (Artesia)</i>											
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX	PRESERV.	SAMPLING												
		GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER:	DATE	TIME												
H101057																	
1	S-1 0'	/	/	/	5/20/11 10:12A											/	
2	S-1 3'	/	/	/	5/20/11 10:31A											/	
3	S-1 4'	/	/	/	5/20/11 10:39A											/	
4	S-1 6'	/	/	/	5/20/11 10:41A											/	
5	S-1 8'	/	/	/	5/20/11 11:15A											/	
6	S-1 10'	/	/	/	5/20/11 11:18A	/											
7	S-1 12'	/	/	/	5/20/11 11:21A	/											
8	S-2 0'	/	/	/	5/20/11 12:00P	/											
9	S-2 2'	/	/	/	5/20/11 12:02P	/											
10	S-2 4'	/	/	/	5/20/11 12:06P	/											

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Relinquished By: <u>Mike Stubblefield</u>	Date: <u>5/21/2011</u> Time: <u>10:21A</u>	Received By: <u>Jodi Hanson</u>	Date: _____ Time: _____	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: <u>24h</u>				Sample Condition Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <u>(initials)</u>

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

Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <u>Talon/LPE</u> Project Manager: <u>Mike Stubblefield</u> Address: <u>408 W. Texas</u> City: <u>Artesia</u> State: <u>NM</u> Zip: <u>88210</u> Phone #: <u>575-441-7254</u> Fax #: <u>575-746-8905</u> Project #: <u>700794.012.01</u> Project Owner: <u>Devon</u> Project Name: <u>Oreida 14 Federal No. 10</u> Project Location: <u>14 T245-R29E</u> Sampler Name: <u>Mike Stubblefield</u>				BILL TO: P.O. #: Company: <u>Talon/LPE</u> Attn: Address: City: State: Zip: Phone #: Fax #:					
FOR LAB USE ONLY Lab I.D. Sample I.D.				ANALYSIS REQUEST					
		(G)RAB OR (C)OMP. # CONTAINERS		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV ACID/BASE ICE/COOL OTHER:		SAMPLING DATE TIME	
H10057									
11 S-2 6'		✓		✓		✓		5/29/11 12:15p /	
12 S-2 8'		✓		✓		✓		5-30-11 12:19p /	
13 S-2 10'		✓		✓		✓		5-30-11 12:31p /	
14 S-2 12'		✓		✓		✓		5-30-11 12:36p /	
15 S-3 0'		✓		✓		✓		5-30-11 1:02p /	
16 S-3 2'		✓		✓		✓		5-30-11 1:03p /	
17 S-3 4'		✓		✓		✓		5-30-11 1:07p /	
18 S-3 6'		✓		✓		✓		5-30-11 1:17p /	
19 S-3 8'		✓		✓		✓		5-30-11 1:24p /	

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Relinquished By: <u>Mike Stubblefield</u> Date: <u>5/24/2011</u> Time: <u>10:21a</u>		Received By: <u>Jodi Benson</u> Date: _____ Time: _____		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:		Add'l Phone #: _____ Add'l Fax #: _____	
Relinquished by: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____					

Delivered By: (Circle One) Sampler - <u>UPS</u> - Bus - Other:		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: <u>[Signature]</u>	
--	--	--	--	--	--

[illegible]

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Refriginous By: <i>ma. S. S. S.</i> Date: <i>5/21/2011</i> Time: <i>10:21A</i> Received By: <i>[Signature]</i>		Delivered By: (Circle One) Sample - UPS - Bus - Other:	
Refriginous By: Date: Time: Received By:		Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> (Initials) <i>[Signature]</i>	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: <input type="checkbox"/> Add'l Fax #: <input type="checkbox"/>		REMARKS:	