From: <u>Kimberly M. Wilson</u>

To: <u>Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD</u>

Cc:Michael Barrett; David AdkinsSubject:Marathon Water Transfer LineDate:Friday, August 22, 2014 11:05:02 AM

Attachments: <u>image001.png</u>

Marathon Water Transfer line final C-141.pdf

Mike.

Attached please find the initial C-141 for the above referenced release along with the groundwater data, site maps and lab data. We did an emergency spill response and excavated the impact area to an depth of 2.5-feet deep down to rock, some places a little deeper. May we have permission to backfill and close this project?

Thank you.

Respectfully,

Kimberly M. Wilson

Project Manager Talon/LPE 408 West Texas Avenue Artesia, New Mexico 88210 Office: 575.746.8768

Fax: 575.746.8905 Cell: 575.602.3826 Emergency: 866.742.0742 Email: kwilson@talonlpe.com Web: www.talonlpe.com



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist Staples Foundation for Learning Hall of Fame Recipient:2010 ICIC and Business Week-Top 100: 2010, 2009, 2008, 2007, 2006 Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007

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<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 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

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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: LIME ROCK RESOURCES A, LP Contact: Mike Barrett Address: 1111 Bagby Street Suite 4600, Houston, TX 77002 Telephone No.: 575-748-9724 Facility Name: Marathon Water Transfer Line Facility Type: Produced Water Line Surface Owner: Private Mineral Owner: State Lease No.: LOCATION OF RELEASE Unit Letter Township Section North/South Line Range Feet from the Feet from the East/West Line County Eddy SW 1/4 26 **17S** 28E Latitude 32.8002 N Longitude -104.14918 W NATURE OF RELEASE Type of Release: Produced Water Volume of Release: 150 bbls PW Volume Recovered: 7 bbls PW Source of Release: Hole in water transfer line Date and Hour of Occurrence: Date and Hour of Discovery: 7/10/14 7/10/14 am Was Immediate Notice Given? If YES, To Whom? 7/10/14 Laura Tulk w/NMOCD, @ 1:58 pm By Whom? Kimberly M. Wilson with Talon/LPE Date and Hour: 7/10/14 Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. ☐ Yes ☒ No If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* Discharge from hole in 2" steel water line. The line was isolated, clamped and repaired, A vac truck was immediately called to the location and recovered 5 barrels of produced water. Talon/LPE was contacted for initial site assessment and to generate a work plan. Describe Area Affected and Cleanup Action Taken.* The release flowed approximately 650-feet to the east in the drainage swale along Highway 82. Initial assessment samples were collected. I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION Signature: \ Approved by District Supervisor: Printed Name: Michael Barrett Title: Assistant Production Supervisor Approval Date: **Expiration Date:** E-mail Address: mbarrett@limerockresources.com Conditions of Approval: Attached

* Attach Additional Sheets If Necessary

Phone: 575-748-9724

10/26/11



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

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned,

POD

C=the file is closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number
RA 11857 POD1

Sub- QQQ

Code basin County 64 16 4 Sec Tws Rng

ED 1 1 2 05 18S 26E

X Y 577784 3625988

Depth Depth Water Distance Well Water Column

235

Average Depth to Water:

3734

95 feet

95

Minimum Depth:

95 feet

Maximum Depth:

95 feet

Record Count: 1

UTMNAD83 Radius Search (in meters):

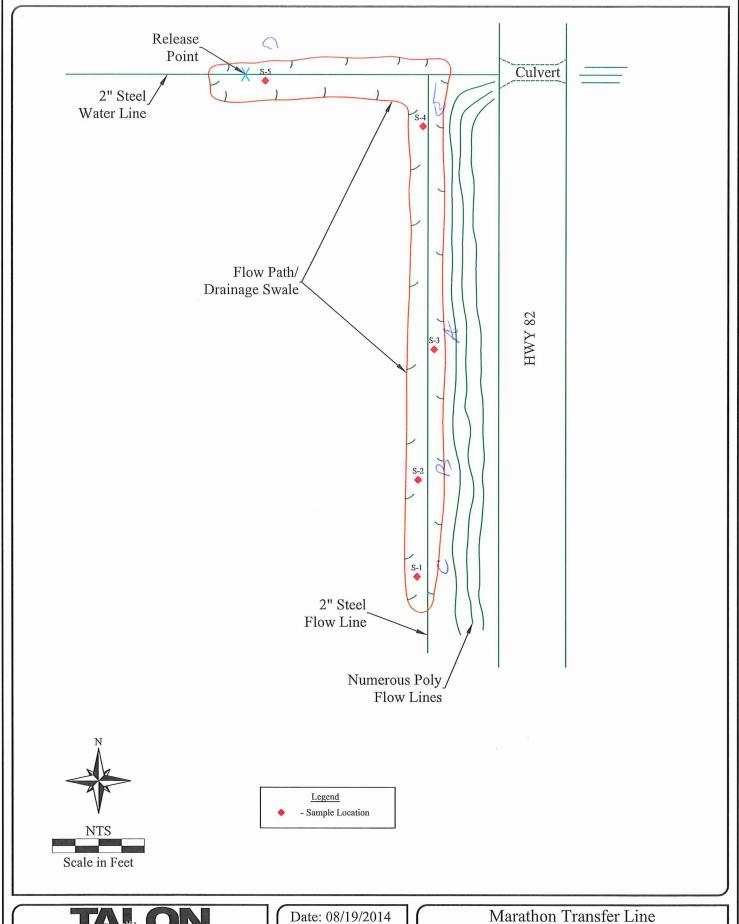
Easting (X): 579365

Northing (Y): 3629372

Radius: 5000

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.

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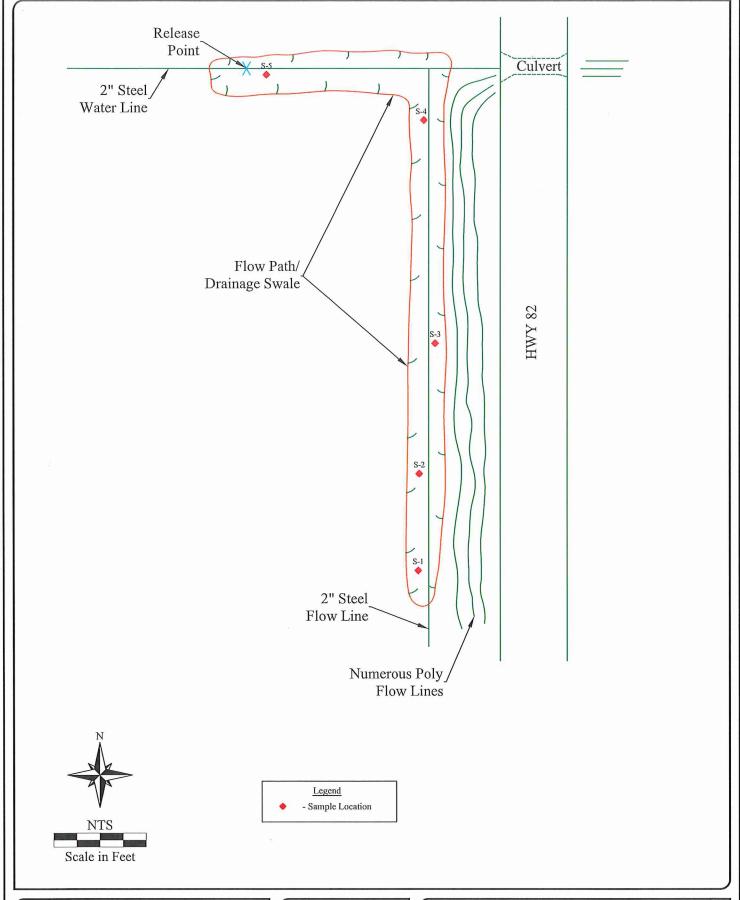


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Scale: NTS

Drawn By: TJS

Marathon Transfer Line Lime Rock Resources Eddy County, New Mexico Figure 1 - Site Plan





Received by OCD: 9/5/2024 1:31:30 PM

Date: 08/19/2014

Scale: NTS

Drawn By: TJS

Marathon Transfer Line Lime Rock Resources Eddy County, New Mexico Figure 1 - Site Plan



July 18, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MARATHON TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 07/11/14 16:15.

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

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Received by OCD: 9/5/2024 1:31:30 PM

Lab Director/Quality Manager





Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

07/11/2014

Sampling Date:

07/10/2014

Reported:

07/18/2014

Sampling Type:

Soil

Project Name:

MARATHON TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307062.01

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample ID: S-1 0-0.25' (H402120-01)

BTEX 8021B	mg,	'kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.216	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.276	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	0.127	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	0.183	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	0.802	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20800	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/15/2014	ND	192	95.9	200	0.641	
DRO >C10-C28	<10.0	10.0	07/15/2014	ND	203	102	200	3.60	
Surrogate: 1-Chlorooctane	119 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	121 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

07/11/2014

Sampling Date:

07/10/2014

Reported:

07/18/2014

Sampling Type:

Soil

Project Name:

MARATHON TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307062.01

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample ID: S-2 0-0.25' (H402120-02)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.070	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.215	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	0.104	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	0.389	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20400	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/15/2014	ND	192	95.9	200	0.641	
DRO >C10-C28	<10.0	10.0	07/15/2014	ND	203	102	200	3.60	
Surrogate: 1-Chlorooctane	110 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	111 9	63.6-15	4						

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*=Accredited Analyte

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Analytical Results For:

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

Received:

07/11/2014

Sampling Date:

07/10/2014

Reported:

07/18/2014

Sampling Type:

Soil

Project Name:

MARATHON TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307062.01

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample ID: S-2 0.5' (H402120-03)

	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.093	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	0.054	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	<0.300	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte	Nesuit	Reporting Limit	Midiyzca	riction blank	03	in recovery	True value qu	KFD	Qualifici
god rouse. • wheels	18400	16.0	07/17/2014	ND	400	100	400	0.00	Qualifier
Chloride		16.0	07/17/2014				VICTOR 1		Qualifiei
Chloride	18400	16.0	07/17/2014	ND			VICTOR 1		Qualifier
Chloride TPH 8015M Analyte	18400 mg/	16.0 kg	07/17/2014 Analyze	ND d By: MS	400	100	400	0.00	
Chloride TPH 8015M Analyte GRO C6-C10	18400 mg/ Result	16.0 kg Reporting Limit	07/17/2014 Analyze Analyzed	ND d By: MS Method Blank	400 BS	100 % Recovery	400 True Value QC	0.00	
Chloride TPH 8015M	18400 mg/ Result <10.0	16.0 kg Reporting Limit 10.0 10.0	07/17/2014 Analyze Analyzed 07/15/2014 07/15/2014	ND d By: MS Method Blank ND	400 BS 192	100 % Recovery 95.9	400 True Value QC 200	0.00 RPD 0.641	

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Celecy D. Keine

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Analytical Results For:

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

Received:

07/11/2014

Sampling Date:

07/10/2014

Reported:

07/18/2014

Sampling Type:

Soil

Project Name:

MARATHON TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307062.01

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample ID: S-3 0' (H402120-04)

BTEX 8021B	mg,	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.113	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.971	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	1.19	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	1.86	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	4.13	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26400	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	27.1	10.0	07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	235	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	115 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	121 9	63.6-15	4						

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Analytical Results For:

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

Received: Reported:

07/11/2014

07/18/2014

MARATHON TRANSFER LINE

Project Number: Project Location:

Project Name:

701307062.01

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

07/10/2014

Soil

Cool & Intact Jodi Henson

Sample ID: S-3 0.5' (H402120-05)

BTEX 8021B	mg/	'kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.065	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.334	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	0.167	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	0.218	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	0.783	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14600	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	<10.0	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	117 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	122 %	63.6-15	4						

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*=Accredited Analyte

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

07/11/2014

Sampling Date:

07/10/2014

Reported:

07/18/2014

Sampling Type:

Soil

Project Name:

MARATHON TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307062.01

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample ID: S-3 1.0' (H402120-06)

BTEX 8021B	mg/	kg	Analyze	ed By: ms					
Analyte	Result,	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	<0.050	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	<0.050	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	<0.300	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 %	6 89.4-12	6				*		
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17600	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/l	кg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	<10.0	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	113 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	118 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keen





Analytical Results For:

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

Received:

07/11/2014

Reported:

07/18/2014

Project Name:

MARATHON TRANSFER LINE

Project Number: Project Location: 701307062.01 EDDY COUNTY, NM Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 07/10/2014 Soil

Cool & Intact

Jodi Henson

Sample ID: S-4 0' (H402120-07)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.817	0.100	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	1.62	0.100	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	2.08	0.300	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	4.52	0.600	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	117%	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18200	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	94.1 10.0		07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	626	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	127 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	124 %	63.6-15	4						

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*=Accredited Analyte

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received: Reported: 07/11/2014

07/18/2014

MARATHON TRANSFER LINE

Project Name: Project Number: Project Location:

701307062.01

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 07/10/2014 Soil Cool & Intact

Jodi Henson

Sample ID: S-4 0.5' (H402120-08)

BTEX 8021B	mg/	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.118	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.837	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	1.19	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	1.60	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	3.74	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18200	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0 10.0		07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	<10.0	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	112 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	117 9	% 63.6-15	4						

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:

07/11/2014

Reported:

07/18/2014

Project Name:

MARATHON TRANSFER LINE

Project Number: Project Location: 701307062.01 EDDY COUNTY, NM Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

Cool & Intact Jodi Henson

07/10/2014

Soil

Sample ID: S-5 0.5' (H402120-09)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.68	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.637	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	0.096	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	2.41	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16400	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	<10.0	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	116 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	125 %	63.6-15	4						

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such





Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waked unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable services. 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 Clent, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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: Taion/LPE

	TELENET NOTE: Leading and Gillington. Cardinate liability and clearly exchange for any dain midag whether beseduh contract or tox, shall be limited by the clear for the contract of the contract of tox.		9 5-5 0:5 61 / 1/10 //	8 5-4, 0.5 611 1 1/3/10 1111	7 54, 0, 6, 1 / 1/3/0 ///	0 5-3 1.0' 6 1 1 1 7/10 1-1	5 5-3 0.5 6 1 1 1 7/10 1-1		5 5-2 0.5' 611 1 1/0 11-	2 5-2,0-0.25' 011 1 1 7/10/14 1-1	1 5-1, 0-0.28 611 / 1/0/14 1 / 1	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE TIME	6	Fax#		Project Name: Marce thin Transfer Line State: Zip:	LIMERUCK City:	746-8768 Fax #: 575-746-8905 Address:	City: Artesia state: NM zip: 88210 Attn:	Address: 408 W. Texas Ave. Company: Talon/LPE	
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serice. In no event shall Continue hable for incidental or consequental detunges, including without limitation, business interruptions, loss of use, or loss of profits incurred by clerk, its subsidiaries, affiliate or consequental detunges, including without limitation, business interruptions, loss of use, or loss of profits incurred by clerk, its subsidiaries,

Sampler - UPS - Bus - Other:	Relinquished By:	G		remiquished by:	anumates of successors arising out of or related to the performance of services here
Sample Condition CHECKED BY: Cool Infact (Infiels)	Times & Coll Jensey	Time:	111111	Date: Received By:	tunder by Cardinal, regardless of whether such claim is based upon any of the at
		REMARKS:	Fax Result	Phone Result:	yove stated reasons or otherwise.
			☐ Yes	☐ Yes	
,			□ No	□ No	
			Add'l Fax #:	Add'l Phone #:	

* Cardinal cannot account verbal channee Diesce for written channes to IETE 209_929611

Page 12 of 12



July 30, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MARATHON TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 07/23/14 10:50.

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

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

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Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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,

Received by OCD: 9/5/2024 1:31:30 PM

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

07/23/2014

Sampling Date:

07/17/2014

Reported:

07/30/2014

Sampling Type:

Soil

Project Name:

MARATHON TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307062.01

Project Location:

EDDY COUNTY, NM

Sample Received By:

Nick Fullerton

Sample ID: S-A (H402246-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2014	ND	1.71	85.3	2.00	0.346	
Toluene*	<0.050	0.050	07/27/2014	ND	1.72	86.0	2.00	1.98	
Ethylbenzene*	<0.050	0.050	07/27/2014	ND	1.70	85.0	2.00	0.0438	
Total Xylenes*	<0.150	0.150	07/27/2014	ND	5.34	88.9	6.00	2.81	
Total BTEX	<0.300	0.300	07/27/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	07/25/2014	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/26/2014	ND	184	92.0	200	3.18	
DRO >C10-C28	<10.0	10.0	07/26/2014	ND	206	103	200	5.65	
Surrogate: 1-Chlorooctane	119 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane									

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

*=Accredited Analyte

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Analytical Results For:

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

Received: Reported: 07/23/2014

07/30/2014

Project Name: Project Number: MARATHON TRANSFER LINE

Project Location:

701307062.01 EDDY COUNTY, NM Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 07/17/2014 Soil

Cool & Intact

Nick Fullerton

Sample ID: S-B (H402246-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	07/27/2014	ND	1.71	85.3	2.00	0.346		
Toluene*	<0.050	0.050	07/27/2014	ND	1.72	86.0	2.00	1.98		
Ethylbenzene*	<0.050	0.050	07/27/2014	ND	1.70	85.0	2.00	0.0438		
Total Xylenes*	<0.150	0.150	07/27/2014	ND	5.34	88.9	6.00	2.81		
Total BTEX	<0.300	0.300	07/27/2014	ND						
Surrogate: 4-Bromofluorobenzene (PIL	104 %	6 89.4-12	6							
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC RPD		Qualifier	
Chloride	10500	16.0	07/25/2014	ND	416	16 104 400 3.92		3.92		
TPH 8015M	mg/	kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	07/26/2014	ND	184	92.0	200	3.18		
DRO >C10-C28	<10.0	10.0	07/26/2014	ND	206	103	200	5.65		
Surrogate: 1-Chlorooctane	117 %	65.2-14	0				5			
Surrogate: 1-Chlorooctadecane	127 9	63.6-15	4							

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*=Accredited Analyte

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Analytical Results For:

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

Received: Reported: 07/23/2014

07/30/2014

Project Name: Project Number: MARATHON TRANSFER LINE

Project Location:

701307062.01 EDDY COUNTY, NM Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

Soil Cool & Intact

Nick Fullerton

07/17/2014

Sample ID: S-C (H402246-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2014	ND	1.71	85.3	2.00	0.346	
Toluene*	<0.050	0.050	07/27/2014	ND	1.72	86.0	2.00	1.98	
Ethylbenzene*	<0.050	0.050	07/27/2014	ND	1.70	85.0	2.00	0.0438	
Total Xylenes*	<0.150	0.150	07/27/2014	ND	5.34	88.9	6.00	2.81	
Total BTEX	<0.300	0.300	07/27/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 9	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	esult Reporting Limit Analyzed Method Blar		Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14100	4100 16.0 07/25/2014 ND		416	104	400	3.92		
TPH 8015M	mg/kg Analyzed B		d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/26/2014	ND	184	92.0	200	3.18	
DRO >C10-C28	<10.0	10.0	07/26/2014	ND	206	103	200	5.65	
Surrogate: 1-Chlorooctane	112 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	124 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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mile Sough



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

*=Accredited Analyte

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Page 6 of 6



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	TALUNICOL		BILL TO	110000000000000000000000000000000000000		ANALYSIS REQUEST
Project Manager:	D. ADICINS		P.O. #:		7	
Address:	408 w. Texas		Company:		06	
city: Ar	tesia State: NM Zip:	Zip:	Attn:		11.	
Phone #: 575	75.44.4835 Fax#:		Address:		UR.	
Project #: 701	Project #: 701307,067.01 Project Owner:	Line Rock	City:	Ļ	-4	
Project Name:	Marathus Transfer	er une	State: Zip:		Н	
Project Location:			Phone #:		C	
Sampler Name:	D. 40/0(~S		1			
FOR LAB USE ONLY		MATRIX	PRESERV, SAMPLING	Н		
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP. CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE DTHER: ACID/BASE: CE / COOL DTHER: DATE		BTE	701
11/100	X-4	1	1	1	1	
N-	S-13	6 1 1	N/21/2 ~	1	1	
W	S-C	1	- 7/17/14	1	1	
					+	
					1	
					+	

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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-246



July 30, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MARATHON TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 07/23/14 10:50.

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

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Wite South

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,

Received by OCD: 9/5/2024 1:31:30 PM

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received:

07/23/2014

Reported:

07/30/2014

Project Name: Project Number: MARATHON TRANSFER LINE

701307062.01

Project Location:

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

07/22/2014 Soil

Soil

Cool & Intact Nick Fullerton

Sample ID: D 6" (H402247-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Benzene*	<0.050	0.050	07/27/2014	ND	1.71	85.3	2.00	0.346				
Toluene*	<0.050	0.050	07/27/2014	ND	1.72	86.0	2.00	1.98				
Ethylbenzene*	<0.050	0.050	07/27/2014	ND	1.70	85.0	2.00	0.0438				
Total Xylenes*	<0.150	0.150	07/27/2014	ND	5.34	88.9	6.00	2.81				
Total BTEX	<0.300	0.300	07/27/2014	ND								
Surrogate: 4-Bromofluorobenzene (PIL	104 %	6 89.4-12	6									
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Chloride	8160	16.0	07/25/2014	ND	416	104	400	3.92				
TPH 8015M	mg/	kg	Analyze	d By: MS								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
GRO C6-C10	<10.0	10.0	07/26/2014	ND	184	92.0	200	3.18				
DRO >C10-C28	217	10.0	07/26/2014	ND	206	103	200	5.65				
Surrogate: 1-Chlorooctane	114 %	65.2-14	0									
Surrogate: 1-Chlorooctadecane	132 %	63.6-15	4									

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*=Accredited Analyte

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Analytical Results For:

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

Received:

07/23/2014

Reported:

07/30/2014

Project Name: Project Number: MARATHON TRANSFER LINE 701307062.01

Project Location:

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: Soil

Cool & Intact Nick Fullerton

07/22/2014

Sample ID: E 1' (H402247-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/27/2014	ND	1.71	85.3	2.00	0.346	
Toluene*	<0.050	0.050	07/27/2014	ND	1.72	86.0	2.00	1.98	
Ethylbenzene*	<0.050	0.050	07/27/2014	ND	1.70	85.0	2.00	0.0438	
Total Xylenes*	<0.150	0.150	07/27/2014	ND	5.34	88.9	6.00	2.81	
Total BTEX	<0.300	0,300	07/27/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	104 9	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result Repo		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13700 16.0		07/25/2014	ND	416	104	400	3.92	
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/26/2014	ND	184	92.0	200	3.18	
DRO >C10-C28	20.5	10.0	07/26/2014	ND	206	103	200	5.65	
Surrogate: 1-Chlorooctane	119 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	130 9	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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mule South



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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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 5 of 5

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

	2		_				,														
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	The second second	100	unalyses. All dalms including these for negligence and any other c service. In no event shall Cardinal be faable for incidental or consequal distance or successors arising out of or related to the performance. Relinquistical By:	PLEASE NOTE: Liability and Damages. Cardinal's liability and clies			1 6 / 1	2000	6	7	Lab I.D. Sample I.D.		Sampler Name: (), (() Q C 2 a	Project Location:	Project Name: March	2/30	Phone #: 575 146 P160	City: Hrtzsia	Address: 408 W 72	O April	1/2/84
Sample Condition Cool Intact	Time: Received By:	SOAM	soever shall be deemed waived unless made in writing mages, including without limitation, whiness interruption the reunder by Cardinal, regardless of whether with a hereunder by Cardinal, regardless of whether with a	offs exclusive remody for any claim axis in a shallow it.							(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE	MP.			l'aster l'az	1	Fax #:	State: A Zip:	eta s		
n CHECKED BY:		RE PAR	unco or our, small be limited to the amount paid by the client for the and received by Cardinal within 30 days after completion of the ms. loss of use, or loss of profits incurred by client, its subsidiant with its based upon any of the above stated reasons or otherwise.				_				OTHER: ACID/BASE: CE/COOL OTHER:	PRESERV. SAMPLING	1	Phone #:	State: Zip:	City:	Address:	Attn:	Company:	P.O. #:	
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		Add'l Phone #: Add'l Fax #:																		ANALYSIS REQUEST	
Via Managerije	***************************************																				

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



August 18, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MARATHON TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/14/14 11:28.

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

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Received by OCD: 9/5/2024 1:31:30 PM

Lab Director/Quality Manager



Analytical Results For:

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

Received: Reported: 08/14/2014

08/18/2014

MARATHON TRANSFER LINE

Project Name: Project Number:

701307067.01

Project Location:

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

** (See Notes)

08/13/2014

Soil

Jodi Henson

Sample ID: S-1 3' (H402505-01)

Chloride, SM4500CI-B

Chloride

Chloride

Chloride

mg/kg

Analyzed By: AP

Analyte

Analyte

Result 1720 Reporting Limit 16.0

Reporting Limit

16.0

Analyzed 08/18/2014 Method Blank ND

BS 400 % Recovery 100

True Value QC 400

RPD 3.92 Qualifier

Sample ID: S-4 3' (H402505-02)

Chloride, SM4500CI-B

mg/kg

Result

2480

Analyzed By: AP

Analyzed

08/18/2014

Method Blank BS

400

% Recovery

100

True Value OC

RPD Qualifier

400 3.92

Sample ID: S-5 3' (H402505-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit	Analyzed	Method Blank
	8000	16.0	08/18/2014	ND

ND

ND

BS 400 % Recovery 100

True Value QC 400

RPD 3.92 Qualifier

Cardinal Laboratories

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*=Accredited Analyte

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Celey D. Keene.



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories

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*=Accredited Analyte

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Celey D. Keens



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon/LPE	BILL TO	ANALYSIS REQUEST
Project Manager: D. ADEWS	P.O. #:	
Address: 408 W. Texas Ave.	company: Talon/LPE	
city: Artesia state: NM zip: 88210	Attn:	
Phone #: 575-746-8768 Fax #: 575-746-8905	Address:	
Project #: 701307.067.01 Project Owner: Live 100ck	City:	
Project Name: Wer a hom vouster Line	State: Zip:	
Project Location:	Phone #:	
G. Bueza	1	
FOR US USE ONLY	PRESERV	
(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE TIME	
S-/ 3	6/13/14	
2 < - (2 - / - / - / - / - / - / - / - / - / -	8/13	
35-53-6-1	8/13	

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1	10				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Belinquished By:	Mar	Relinquished By:	affiliates or successors arising out of or related to the performance	
Sample Condition CHECKED BY: Cool Infact (Initials)	Timely: 28 MOd Sunday	Time: 8000	Date // V// Received by	/ Docaived By:	control of the state of whether such claim is based upon any of the above stated reasons or otherwise
,		REMARKS:	Fax Result:	Phone Result:	reasons or otherwise.
			□ Yes	☐ Yes	
			□ No	ON O	
			Add'I Fax #:	Add'l Phone #:	

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

Page 4 of 4

From: Bratcher, Mike, EMNRD

To: "Kimberly M. Wilson"; Patterson, Heather, EMNRD

Cc: Michael Barrett; David Adkins
Subject: RE: Marathon Water Transfer Line
Date: Tuesday, August 26, 2014 4:41:00 PM

Attachments: <u>image001.png</u>

Kimberly,

OCD will require the site to be delineated (vertical and horizontal) prior to approving any remediation plan or closure request. In most instances, removing visibly identifiable contaminated soils as an immediate response action is encouraged, but OCD will require the delineation results before proceeding at this time.

This release occurred on 7/10/14 and will be assigned NMOCD Tracking Number: **2RP-2457.** It is currently not in the system, but should be later tomorrow.

If you have any questions or concerns, please contact me.

Mike Bratcher NMOCD District 2 811 S. First Street Artesia, NM 88210 O: 575-748-1283 X108

C: 575-626-0857 F: 575-748-9720

From: Kimberly M. Wilson [mailto:kwilson@talonlpe.com]

Sent: Friday, August 22, 2014 11:03 AM

To: Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD

Cc: Michael Barrett; David Adkins **Subject:** Marathon Water Transfer Line

Mike,

Attached please find the initial C-141 for the above referenced release along with the groundwater data, site maps and lab data. We did an emergency spill response and excavated the impact area to an depth of 2.5-feet deep down to rock, some places a little deeper. May we have permission to backfill and close this project?

Thank you.

Respectfully,

Kimberly M. Wilson
Project Manager
Talon/LPE
408 West Texas Avenue

Artesia, New Mexico 88210

Office: 575.746.8768
Fax: 575.746.8905
Cell: 575.602.3826
Emergency: 866.742.0742
Email: kwilson@talonlpe.com
Web: www.talonlpe.com



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist Staples Foundation for Learning Hall of Fame Recipient:2010 ICIC and Business Week-Top 100: 2010, 2009, 2008, 2007, 2006

Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007

From: Sheldon Hitchcock

To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD

Cc: <u>David Adkins; Kimberly M. Wilson</u>
Subject: Lime Rock-Marathon Water Transfer Line
Date: Friday, October 31, 2014 2:49:10 PM

Attachments: 20141031140759073.pdf

Heather,

The work plan for the Marathon Water Transfer Line is attached. Please review it and let me know if you have any questions. Thank you.

Respectfully,

Sheldon L. Hitchcock

Project Manager Talon/LPE 408 West Texas Avenue Artesia, New Mexico 88210

Phone: (575) 746-8768 Cell: (575) 689-5198 Fax: (575) 746-8905

Email: slhitchcock@talonlpe.com

Web: www.talonlpe.com



Better Business Bureau Torch Award for Marketplace Ethics: 2010 Winner, 2009 Finalist

Staples Foundation for Learning Hall of Fame Recipient: 2010 ICIC and Business Week- Top 100: 2010, 2009, 2008, 2007, 2006

Inc. 500/5000: 2012, 2011, 2010, 2009, 2008, 2007

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October 27, 2014

AMARILLO 921 North Bivins Amarillo, Texas 79107 Phone 806.467.0607 Fax 806.467.0622

Mr. Mike Bratcher NMOCD District 2 811 S. 1st Street Artesia, NM 88210

Subject:

Soil Assessment and Remediation Work Plan

ARTESIA 408 West Texas Ave. Artesia, New Mexico 88210 Phone 575,746,8768 Fax 575.746.8905 Lime Rock Resources Marathon Water Transfer Line

Dear Mr. Bratcher,

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

Lime Rock Resources (Lime Rock) has contracted Talon/LPE (Talon) to perform soil assessment and remediation services at the above referenced location. The results of our soil assessment and proposed remediation activities consist of the following.

Incident Date

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

The release was discovered on July 10, 2014

Background Information

OKLAHOMA CITY 7700 North Hudson Avenue Suite 10 Oklahoma City, Oklahoma 73116 Phone 405.486.7030 Fax 806.467.0622

The Marathon Water Transfer Line is located approximately fifteen (15) miles east of Artesia, New Mexico. The legal location for this site is SW 1/4 of Section 26, Township 17 South, and Range 28 East. More specifically the latitude and longitude for the release are 32.8002 North and -104.14918 West. A site plan is presented in Appendix I.

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

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of the Kimbrough-Stegall loams with 0 to 3 percent slopes. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is comprised of Holocene to upper Pleistocene alluvium. Drainage courses in this area are normally dry. Ground water in the project vicinity is approximately 95-feet below ground surface (bgs), according to the New Mexico Office of the State Engineer. See Appendix II for the referenced groundwater data.

Released to Imaging: 9/5/2024 1:33:23 PM

The ranking for this site is 10 based on the following:

ENVIRONMENTAL CONSULTING ENGINEERING DRILLING CONSTRUCTION SPILL MANAGEMENT GENERAL CONTRACTING

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

Toll Free: 866.742.0742 www.talonlpe.com

Received by OCD: 9/5/2024 1:31:30 PM

A leak developed in a 2-inch steel water transfer line, causing the release of 150bbls of produced water. A vacuum truck was immediately dispatched to recover the standing fluids. A total of 7bbls of produced water were recovered. The release flowed approximately 650-feet to the east in the drainage swale along US-82. Talon was contacted to perform an initial site assessment and soil sampling at the site. The sampling that was performed during the initial site assessment activities were unsuccessful in vertically delineating the site. An air rotary drilling rig was used to complete the vertical delineation sampling requested by NMOCD. Results from the referenced soil sampling activities are summarized in the table below.

Laboratory Results

See Appendix III for complete report of laboratory results.

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0.25	0.802	20800	ND	ND
S-2	0.25	0.389	20400	ND	ND
S-2	0.5	ND	18400	ND	ND
S-3	0	4.13	26400	27.1	235
S-3	0.5	0.783	14600	ND	ND
S-3	1	ND	17600	ND	ND
S-4	0	4.52	18200	94.1	626
S-4	0.5	3.74	18200	ND	ND
S-5	0.5	2.41	16400	ND	ND
S-1Refusal	1.25		2720		
S-2	1.5		96	4-11-1-	
S-2	2		240		
S-3Refusal	1.5		560) y = ' 2 4
S-4	1.5		1220		
S-4	2		1780	The state of the s	
S-5	2		10600		
BG-1	0.25		400		
BG-2	0.5		336		
S-1	3		1720		
S-4	3		2480		
S-5	3		8000	Andrew Health	1 1 1
B-1	6		6880		
B-1	8		5360		
B-1	10		5280		
B-1	15		6800		1 112-12
B-1	20		2400		
B-1	25		2280		1

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B-1	30		2920	
B-1	30		2920	
B-1	35		656	
B-1	40		192	
B-1	45		352	
B-1	50		128	
B-1	55		144	
B-2	2		144	
B-2	4	well look	336	
B-2	6		272	
B-2	8		32	
B-2	10		96	
B-2	15		112	
B-2	20		96	
B-3	2		64	
B-3	4		1730	
B-3	6		3840	
B-3	8		800	
B-3	10		96	
B-4	2		16	
B-4	4		64	
B-4	6		176	
B-4	8		128	
B-5	4		1660	
B-5	6		64	
B-5	8		800	
B-5	10		960	
B-5	15		1960	
B-5	20		192	
B-5	25		224	
B-5	30		144	

(--) Analyte Not Tested (ND) Analyte Not Detected

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

Proposed Remedial Actions

- The impacted area in the vicinity of sample locations S-2 and S-3 will be excavated to a depth of 2-feet and 1.5-feet bgs respectively.
- The impacted area in the vicinity of sample locations S-1, S-4, and S-5 will be excavated to a depth of 4-feet bgs. A liner will be installed in the bottom of the excavation to encapsulate the remaining chloride impacts.
- All of the excavated material will be hauled to an NMOCD approved solid waste disposal facility.
- The excavated areas will be backfilled with topsoil and contoured to match the surrounding terrain.

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,

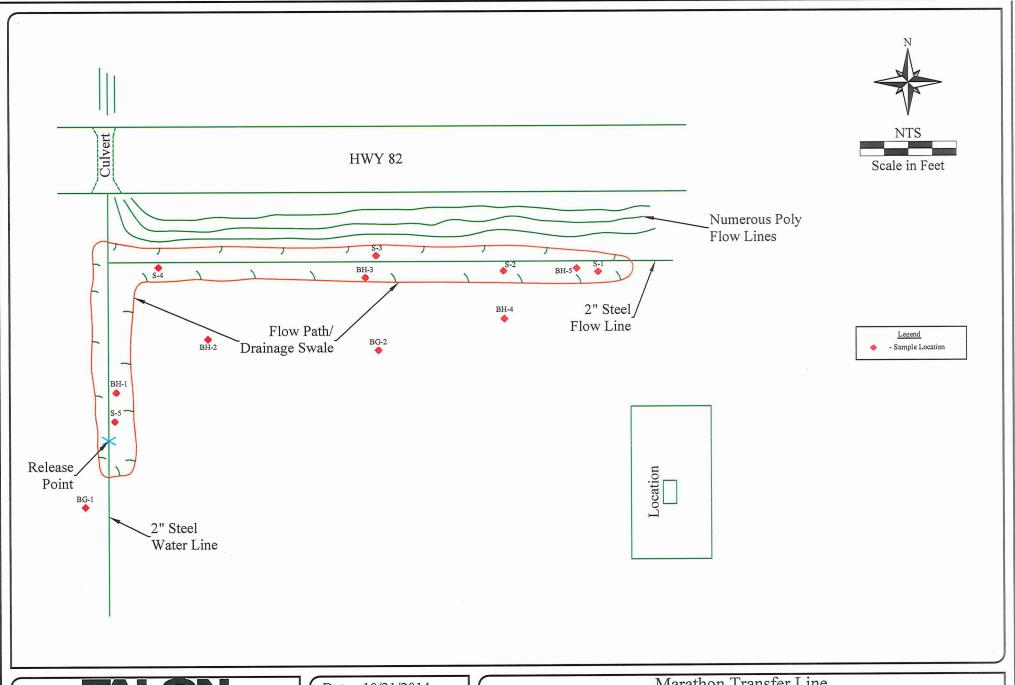
Steldan Hircan Project Manager

David J. Adkins District Manager

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Released to Imaging: 9/5/2024 1:33:23 PM

SITE PLAN



TALON

Date: 10/31/2014

Scale: NTS

Drawn By: TJS

Marathon Transfer Line Lime Rock Resources Eddy County, New Mexico Figure 1 - Site Plan

Received by OCD: 9/5/2024 1:31:30 PM

Released to Imaging: 9/5/2024 1:33:23 PM

GROUNDWATER DATA INITIAL C-141



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

577784

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

closed)

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

(quarters are smallest to largest)

1 1 2 05 18S 26E

(NAD83 UTM in meters)

(In feet)

POD

Sub- Q Q Q Q
Code basin County 64 16 4 Sec Tws Rng

х ү

3625988

Depth Depth Water
Distance Well Water Column
3734 235 95 140

Average Depth to Water:

95 feet

Minimum Depth:

95 feet

Maximum Depth:

95 feet

Record Count: 1

POD Number

RA 11857 POD1

UTMNAD83 Radius Search (in meters):

Easting (X): 579365

Northing (Y): 3629372

Radius: 5000

Released to Imaging: 9/5/2024 1:33:23 PM

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

Released to Imaging: 9/5/2024 1:33:23 PM

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

			Rela	ease Notific	catio	n and Co	orrective A	ction	l			
						OPERA	TOR			al Report		Final Report
Name of Co							Like Barrett					
				TX 77002, ston			No.: 575-748-9					
Facility Na	ne : Marath	ion Water T	ransfer L	ine		Facility Typ	e: Produced V	Vater I	Line			
Surface Ow	mer : Priva	te		Mineral ()wner:	State			Lease N	lo.;		
				LOCA	TIO	N OF RE	LEASE					
Unit Letter SW 1/4	Section 26	Township 17S	Range 28E	Feet from the	North	/South Line	Feet from the	East/\	West Line	County E	ddy	
			3	Latitude 32.80	02 N	Longitude	-104.14918 W					
				NAT	URE	OF REL	EASE					
Type of Rele							Release: 150 bbl			Recovered:		
Source of Re	lease : Hole	in water tra	nsfer line			Date and I 7/10/14 a	Hour of Occurrence	æ:	Date and	Hour of Dis	covery:	7/10/14
Was Immedi	ate Notice G	iven?				If YES, To						
				No 🗌 Not R	equired	7/10/14 La	aura Tulk w/NM	OCD, (2) 1:58 pm			
By Whom?			h Talon/I	LPE			Iour : 7/10/14					
was a water	course Keaci		Yes 🗵	No		If YES, V	olume Impacting t	the Wat	ercourse.			
truck was im generate a we Describe Are The release f	mediately ca ork plan. a Affected a lowed appro	lled to the lo	cation and Action Tak -feet to th	recovered 5 barr cen.* e east in the drain	els of pr	oduced water	steel water line. T Talon/LPE was	scontact	ed for initia	al site assess	ted.	nd to
regulations a public health should their o	II operators a or the environations had not an ad	re required to conment. The eve failed to a dition, NMC	o report ar acceptance dequately CD accep	nd/or file certain reports of a C-141 report investigate and re	elease nort by the emediat	otifications a e NMOCD m e contaminat	knowledge and und perform correct arked as "Final Rition that pose a three the operator of a	ctive act eport" of eat to gr	ions for rele loes not reli round water	eases which eve the ope , surface wa	may en rator of ater, hui	ndanger Tliability man health
	, /	1					OIL CON	SERV	ATION	DIVISIO	N	
Signature: >	Mh	1	5									
Printed Name						Approved by	District Supervise	or:				
Title; Assist	ant Producti	on Superviso	г			Approval Da	te:		Expiration	Date:		
E-mail Addre	ess: mbarrett	@limerockre	esources.c	om		Conditions o	f Approval:			Attached		
Date: 10/26	5/11	Phone	: 575-748	3-9724								

* Attach Additional Sheets If Necessary

LABORATORY RESULTS



July 18, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MARATHON TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 07/11/14 16:15.

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

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keens

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

Sincerely,

Celey D. Keene

Received by OCD: 9/5/2024 1:31:30 PM

Lab Director/Quality Manager



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905

Fax To:

Received: Reported: 07/11/2014

07/18/2014

Project Name:

Project Number: Project Location:

MARATHON TRANSFER LINE

701307062.01

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

07/10/2014 Soil

Cool & Intact Jodi Henson

Sample ID: S-1 0-0.25' (H402120-01)

BTEX 8021B	mg/	kg	Analyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.216	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.276	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	0.127	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	0.183	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	0.802	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	109 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20800	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/15/2014	ND	192	95.9	200	0.641	
DRO >C10-C28	<10.0	10.0	07/15/2014	ND	203	102	200	3.60	
Surrogate: 1-Chlorooctane	119	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	121	% 63.6-15	54						

Analyzed By ms

Cardinal Laboratories

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*=Accredited Analyte

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Celey D. Kee





Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

07/11/2014

Reported:

07/18/2014

Project Name:

MARATHON TRANSFER LINE

Project Number: Project Location: 701307062.01 EDDY COUNTY, NM Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 07/10/2014

Soil

Cool & Intact Jodi Henson

Sample ID: S-2 0-0.25' (H402120-02)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.070	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.215	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	0.104	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	0.389	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	110 %	6 89.4-12	6			<u>.</u>			
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	20400	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/15/2014	ND	192	95.9	200	0.641	
DRO >C10-C28	<10.0	10.0	07/15/2014	ND	203	102	200	3.60	
Surrogate: 1-Chlorooctane	110 9	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	111 9	63.6-15	54						

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Celey D. Keine



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received: Reported: 07/11/2014

07/18/2014

MARATHON TRANSFER LINE

Project Name: Project Number:

701307062.01

Project Location:

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition: Sample Received By: 07/10/2014 Soil

Cool & Intact

Jodi Henson

Sample ID: S-2 0.5' (H402120-03)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.093	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	0.054	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	<0.300	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	18400	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<10.0	10.0	07/15/2014	ND	192	95.9	200	0.641	
DRO >C10-C28	<10.0	10.0	07/15/2014	ND	203	102	200	3.60	
Surrogate: 1-Chlorooctane	119	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	120	% 63.6-15	i <i>4</i>						

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Celey D. Keine



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

07/11/2014

07/18/2014

Sampling Date:

07/10/2014

Reported:

Sampling Type:

Soil

Project Name:

MARATHON TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307062.01

Sample Received By:

Jodi Henson

Project Location:

EDDY COUNTY, NM

Sample ID: S-3 0' (H402120-04)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.113	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.971	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	1.19	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	1.86	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	4.13	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	26400	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	27.1	10.0	07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	235	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	115 9	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	121	% 63.6-15	54						

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Celey D. Keene



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905

Fax To:

Sampling Date: Sampling Type: 07/10/2014 Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Project Name: Project Number:

701307062.01

07/11/2014

07/18/2014

Project Location:

Received:

Reported:

EDDY COUNTY, NM

MARATHON TRANSFER LINE

Sample ID: S-3 0.5' (H402120-05)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.065	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.334	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	0.167	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	0.218	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	0.783	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	112 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14600	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	<10.0	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	117	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	122	% 63.6-15	54						

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Celey D. Keene



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received: Reported: 07/11/2014

07/18/2014

MARATHON TRANSFER LINE

Project Name: Project Number:

701307062.01

Project Location:

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sample Received By:

Sampling Condition:

Cool & Intact

Jodi Henson

07/10/2014

Soil

Sample ID: S-3 1.0' (H402120-06)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	<0.050	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	<0.050	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	<0.300	0.300	07/17/2014	ND				,	
Surrogate: 4-Bromofluorobenzene (PIL	112 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17600	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	<10.0	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	113	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	118	% 63.6-15	5.4						

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Celey D. Keine



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

(575) 745-8905 Fax To:

Received:

07/11/2014

07/18/2014

Sampling Date:

07/10/2014

Reported:

Sampling Type:

Soil

Project Name:

MARATHON TRANSFER LINE 701307062.01

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

Project Number: Project Location:

EDDY COUNTY, NM

Sample ID: S-4 0' (H402120-07)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.817	0.100	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	1.62	0.100	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	2.08	0.300	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	4.52	0.600	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	117 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18200	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	94.1	10.0	07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	626	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	127 5	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	124	% 63.6-15	:4						

Analyzed By me

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

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Celey D. Keine



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

07/11/2014

Sampling Date:

07/10/2014

Reported:

07/18/2014

Sampling Type:

Soil

Project Name:

MARATHON TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307062.01

Sample Received By:

Jodi Henson

Project Number: Project Location:

EDDY COUNTY, NM

Sample ID: S-4 0.5' (H402120-08)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.118	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.837	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	1.19	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	1.60	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	3.74	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	117 5	% 89.4-12	6						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18200	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	<10.0	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	112	% 65.2-1-	10						
Surrogate: 1-Chlorooctadecane	117	% 63.6-13	54						

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

*=Accredited Analyte

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Celeg D. Keene



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

07/11/2014

07/10/2014

Reported:

07/18/2014

Sampling Date: Sampling Type:

Soil

Project Name:

MARATHON TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number: Project Location: 701307062.01

EDDY COUNTY, NM

Sample Received By:

Jodi Henson

Sample ID: S-5 0.5' (H402120-09)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.68	0.050	07/17/2014	ND	2.26	113	2.00	3.51	
Toluene*	0.637	0.050	07/17/2014	ND	2.08	104	2.00	3.14	
Ethylbenzene*	0.096	0.050	07/17/2014	ND	2.18	109	2.00	3.52	
Total Xylenes*	<0.150	0.150	07/17/2014	ND	6.55	109	6.00	3.43	
Total BTEX	2.41	0.300	07/17/2014	ND					
Surrogate: 4-Bromofluorobenzene (PIL	114	% 89.4-12	6						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16400	16.0	07/17/2014	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	07/14/2014	ND	180	90.2	200	0.0898	
DRO >C10-C28	<10.0	10.0	07/14/2014	ND	178	89.1	200	2.45	
Surrogate: 1-Chlorooctane	116	% 65.2-14	10						

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Celey D. Keine



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature,

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

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

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

*=Accredited Analyte

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Celey D. Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 12 of 12

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

Company Name: Talon/LP Project Manager: Address: 408 W. Texas City: Artesia Phone #: 575-746-8768 Project #: 10 13 7 C62 Project Name: Mwc-4 Project Location: E Muse Sampler Name: Sam	Talon/LPE D. AT V. Texas Ave. 746-8768 20-2062 61 20-2	DUNDWATER STEWATER L JOGE	D/BASE: PRESERV. 1 ty: 1 th: 1	: Talon/LPE	TPH BTEK	TOTAL CHLURUSES		ANALYSIS REQUEST	EQUEST	
Lab I.D. PHO270	Sample I.D.	# CONTAINE GROUNDW/ WASTEWAT SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE/COOL OTHER:	DATE TIME						
2	5-2,0-0.25	77	11	7/10/14	1	1,	Ì			
÷ω	5-3 0'	11	11	7//0	1 1	11				
56	5-5, 0.5	11	11	7//0	1	11				
76	5-4, 0'	1.	1	7/10	1 1	1				
202	5-4, 0,5	1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	11	7/10	11	11	\ \ \			
LEASE NOTE: Liability and	PLEASE NOTE: Liability and Dumagos. Cardina's liability and client's exclusive remedy for any delimitidg whether based in content of tort, shall be inclined to the amount paid by the client for the	ny ciaim arising whether based in contract o	or tork, shall be limited to	the amount-paid by the client for t	-	-				

malyans. All dains including these for poligance and any other cause whatever remany for any dalim string whether based in contract or tork, shall be firthed to the arount-paid by the cleant for the spilicable service. In no event shall Continuit be labeled with a will be deemed white and resolved by Cardinal within 20 days after completion of the spilicable service. In no event shall Continuit be labeled to the continuity of the continuity of the spilicable and indicated and the continuity of the continuity of

Sampler - UPS - Bus - Other:	Relinquished By:	A I		Relinquished By:
Sample Condition CHECKED BY: Cool: Intact Checked BY: Checked BY: Cool: Intact Checked BY: Checked BY: Cool: Intact Checked BY: Check	Times 1 Keesived By:	Time:	211.19	Date: Received By:
		REMARKS:	Fax Result: ☐ Yes ☐ No Add'l Fax #:	Phone Result:



August 08, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MARATHON TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/05/14 16:06.

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

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keens

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

Sincerely,

Celey D. Keene

Received by OCD: 9/5/2024 1:31:30 PM

Lab Director/Quality Manager



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210 (575) 745-8905

Fax To:

Received: Reported: 08/05/2014

08/08/2014

Project Name:

MARATHON TRANSFER LINE

Project Number: Project Location: 701307062.01

EDDY COUNTY, NM

Sampling Date:

Sampling Type:

Sampling Condition:

Sample Received By:

Soil Cool & Intact

08/01/2014

Kathy Perez

Sample ID: S-1 1.25' REFUSAL (H402401-01)

Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2720	16.0	08/08/2014	ND	400	100	400	0.00	
Sample ID: S-2 1.5' (H40	2401-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/08/2014	ND	400	100	400	0.00	
Sample ID: S-2 2.0' (H40	2401-03)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/08/2014	ND	400	100	400	0.00	
Sample ID: S-3 1.5' REFU	JSAL (H40240	1-04)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	08/08/2014	ND	400	100	400	0.00	

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

*=Accredited Analyte

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Celeg Ditreme



Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

08/05/2014

Sampling Date:

08/01/2014

Reported:

08/08/2014

Sampling Type:

Soil

Project Name:

MARATHON TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307062.01

Sample Received By:

Kathy Perez

Project Location:

Analyte

Analyte

EDDY COUNTY, NM

Sample ID: S-4 1.5' (H402401-05)

Chloride,	SM4500CI-B

mg/kg

Analyzed By: HM

Method Blank

BS % Recovery

True Value QC

RPD 0.00 Qualifier

Chloride

Chloride

Chloride

Chloride

Chloride

Received by OCD: 9/5/2024 1:31:30 PM

Result 1220

Result

1780

16.0

Reporting Limit

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

16.0

Analyzed 08/08/2014

Analyzed

08/08/2014

ND

400

BS

400

100

400

Sample ID: S-4 2.0' (H402401-06)

Chloride,	SM4500CI-B	

mg/kg

Analyzed By: HM

Method Blank

ND

% Recovery

100

True Value QC

RPD

0.00

Qualifier

Sample ID: S-5 2.0' (H402401-07)

Chloride, SM4500CI-B

mg/	ŀ

10600

Result

400

336

Analyzed By: HM

Analyte	Result

Analyzed

Analyzed

08/08/2014

08/08/2014

Method Blank

BS 400 % Recovery

RPD

Qualifier

08/08/2014

ND

100

True Value QC 400

400

0.00

Sample ID: BG-1 0.25' (H402401-08)

Chloride, SM4500CI-B

Analyte

Analyte

Analyzed By: HM

Method Blank BS

% Recovery

100

True Value QC

400

RPD

0.00

Qualifier

Sample ID: BG-2 0.5' (H402401-09)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: HM

Reporting Limit Analyzed Result

Method Blank ND

ND

BS 400

400

True Value QC % Recovery 100 400

RPD 0.00

Qualifier

Cardinal Laboratories

*=Accredited Analyte

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Celeg & Kreene

Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

08/05/2014

Sampling Date:

08/01/2014

Reported:

08/08/2014

Sampling Type:

Soil

True Value QC

Project Name:

MARATHON TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307062.01

Sample Received By:

Kathy Perez

RPD

Qualifier

Project Location:

EDDY COUNTY, NM

Sample ID: BG-3 0.5' (H402401-10)

Chloride, SM4500CI-B mg/kg Analyzed By: HM

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery

Chloride 32.0 16.0 08/08/2014 ND 400 100 400 0.00

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

*=Accredited Analyte

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Celey & Keine

Released to Imaging: 9/5/2024 1:33:23 PM



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

*=Accredited Analyte

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Celey & Keene



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	wher based in contract or tort, shall be limited to the amount paid by the client for the	markelon whether based in contract or tort, shall be it	88-3 0.5	01
			36-2 0.5	٩
	Ch1		BG-1, 0:25	∞)
	12:1		5-5 2.0"	
	2.2		5-4 2:0	6
	7:15		5-4, 1.51	S
	2:05		5-3. 1.5 re/usal	工
	1:57		5-2, 2.0	W
	05:7		7	ک
	Sh:1 h1/118	1	5-1,1,25 chusal 6	-
	DATE TIME	GRO WAS SOIL OIL SLUI OTH		1046044
		DGE ER : D/BASE		Lab I.D.
670		ATER TER	(C)OM	
	SAMPLING	MATRIX PRESERV		FOR LAB USE ONLY
		Fax#:	D. ADICI~5	Sampler Name:
		Phone #:		Project Location:
	Zip:	LINC State:	Marathon Transfer	Project Name:
		une nuck city:	Project #: 70/507, 067.0/ Project Owner:	Project #: 70/
		Address:	57544/4835 Fax#:	e #:
		88211 Attn:		city:
06	TROS	Company:	408 6	Address:
		P.O. #:	Ŋ	Project Manager:
ANALYSIS REQUEST	BILLETIO		= TANON/LPE	Company Name:

PLEASE NOTE: Liability and Danages, Cardnal's liability and client's excitaive remedy for any stain artising weater passes in current with a minimum and the complete of the applicable analyses. All claims including those for negligence and any other cause whatever shall be deemed whated unders and the writing part or excited by Cardnal within 30 days after completion of the applicable analyses. All claims including whatever the complete of the cause whatever shall be deemed whatever that and the writing and tracked by Cardnal within 30 days after completion of the applicable analyses. All claims including the complete of the cause whatever shall be deemed whatever that the cause of the cause of the cardnal shall be completely analyses. The completely are the cardnal shall be completely analyses in the cardnal shall be cardnal shall be completely analyses. The cardnal shall be c

Dahraced By: (Circle One) Sampler - UPS - Bus - Other: Sampler - UPS - Bus - Other: Sampler - UPS - Bus - Other: Sampler - UPS - Bus - Other:	THE SOLITON OF THE PARTY OF THE	Relinquished By: Date: 1 (Referred By:	Relinquished By:	ereunder by Card	CONTROL III IN CANADA CAN AMERICAN TO THE PARTY OF THE PA
	}			Phone Result: Yes	the state of the state of
				S □ No Add'l Phone #:	

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



August 18, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MARATHON TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/14/14 11:28.

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

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Received by OCD: 9/5/2024 1:31:30 PM

Lab Director/Quality Manager





Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

08/14/2014

Reported: Project Name: 08/18/2014

MARATHON TRANSFER LINE

Project Number: Project Location: 701307067.01 EDDY COUNTY, NM Sampling Date:

Sampling Type:

Soil

** (See Notes)

Sampling Condition: Sample Received By:

Jodi Henson

08/13/2014

Sample ID: S-1 3' (H402505-01)

Chloride, SM4500CI-B

Chloride

Chloride

Chloride

mg/kg

Analyzed By: AP

Analyte

Result Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

1720

Result

2480

Result

8000

Analyzed 08/18/2014

Analyzed

08/18/2014

Method Blank ND

BS 400 % Recovery

100

100

True Value QC

400

400

RPD 3.92 Qualifier

Sample ID: S-4 3' (H402505-02)

Chloride, SM4500CI-B

Analyte

Analyte

mg/kg

Analyzed By: AP

Method Blank

BS

400

% Recovery

True Value QC

Qualifier

RPD 3.92

Sample ID: S-5 3' (H402505-03)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyzed

08/18/2014

Method Blank ND

ND

400

BS

% Recovery 100

True Value QC 400

RPD 3.92 Qualifier

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

*=Accredited Analyte

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

Celeg Ditreme



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

*=Accredited Analyte

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Celey & Keine



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4

G :	(575) 393-2326 FAX (575) 393-2476				
Company Name: Talon/LPE	Talon/LPE		BILL TO	And Control of the Co	ANALYSIS REQUEST
Project Manager:	D. #0RWS	-	P.O. #:		
Address: 408 V	Address: 408 W. Texas Ave.	0	Company: Talon/LPE		
City: Artesia	State: NM Zip: 88210		Attn:		
Phone #: 575-746-8768			Address:		
Project #: 70/307.067.	307.067.01 Project Owner: Lval Rock	'	City:		
Project Name:		しいる	State: Zip:		
ž			Phone #:		
Sampler Name:	G Batt a	-	Fax#:		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING		
Lab I.D.	Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	TIME CL -	
DWG	V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1/2/ld	7	
-	01/0		MC	,	
2	5-4 3' 6	1	8/13	C	
1	7 7 2	\	2/2		
		,			

Cardinal cannot accept verbal changes. Please fax written changes to (576) 393-2328

6

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

Date: // 14/19

Phone Result: Fax Result: REMARKS:

☐ Yes ☐ No Add'I Phone#:

Received by OCD: 9/5/2024 1:31:30 PM

October 09, 2014

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MARATHON WATER TRANSFER LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/03/14 14:30.

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

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keene

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

Sincerely,

Celey D. Keene

Received by OCD: 9/5/2024 1:31:30 PM

Lab Director/Quality Manager



Analytical Results For:

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

Received:

10/03/2014

Sampling Date:

10/02/2014

Reported:

10/09/2014

Sampling Type:

Soil

Project Name:

MARATHON WATER TRANSFER LINE

Reporting Limit

16.0

Reporting Limit

16.0

Sampling Condition:

Cool & Intact

Project Number:

701307.067.01

Project Location:

NONE GIVEN

Sample Received By:

Kathy Perez

Sample ID: B-1 6' (H403038-01)

Chloride, SM4500CI-B
Appliede
Analyte

mg/kg

Result

6880

Result

5360

5280

Analyzed By: AP

Analyzed

10/07/2014

Analyzed

10/07/2014

10/07/2014

Analyzed

10/07/2014

Method Blank

ND

Method Blank

ND

BS % Recovery

104

104

True Value QC

400

400

400

RPD

0.00

Qualifier

Sample ID: B-1 8' (H403038-02)

Chloride, SM4500CI-B	
Analyte	

Chloride

Chloride

Chloride

mg/kg

Analyzed By: AP

BS

416

416

True Value QC % Recovery

RPD

0.00

Qualifier

Sample ID: B-1 10' (H403038-03)

Chloride,	SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Result Reporting Limit Analyzed

16.0

Reporting Limit

16.0

Method Blank ND

ND

BS 416 % Recovery True Value QC RPD

0.00

RPD

0.00

Qualifier

Sample ID: B-1 15' (H403038-04)

Chloride,	SM4500C	I-B

mg/kg

Analyzed By: AP

Ar	Result	
Chloride		6800

Method Blank BS

% Recovery

104

True Value QC 400

Qualifier

104 416

Cardinal Laboratories

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

10/03/2014

Sampling Date:

10/02/2014

Reported:

10/09/2014

Sampling Type:

Soil

Project Name:

MARATHON WATER TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307.067.01

Sample Received By:

Kathy Perez

Project Location:

NONE GIVEN

Sample ID: B-1 20' (H403038-05)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2400	16.0	10/07/2014	ND	416	104	400	0.00	

Sample ID: B-1 25' (H403038-06)

Chloride, SM4500CI-B	mg	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	10/07/2014	ND	416	104	400	0.00	

Sample ID: B-1 30' (H403038-07)

Chloride, SM4500Cl-B mg/kg		Analyzed By: AP							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	10/07/2014	ND	416	104	400	0.00	

Sample ID: B-1 35' (H403038-08)

Chloride, SM4500CI-B mg/kg		Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	10/07/2014	ND	416	104	400	0.00	

Sample ID: B-1 40' (H403038-09)

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/08/2014	ND	400	100	400	3.92	

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Analytical Results For:

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Received:

10/03/2014

Sampling Date:

10/02/2014

Reported:

10/09/2014

Sampling Type:

BS

400

400

Soil

Project Name:

MARATHON WATER TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307.067.01

Sample Received By:

Kathy Perez

Project Location:

NONE GIVEN

Sample ID: B-1 45' (H403038-10)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Chloride

Chloride

Chloride

Result Reporting Limit 16.0 352

Analyzed 10/08/2014 Method Blank ND

% Recovery 100

True Value QC 400

Qualifier

3.92

RPD

Sample ID: B-1 50' (H403038-11)

Chloride, SM4500CI-B

Analyte

mg/kg

Result

128

Reporting Limit

16.0

16.0

Reporting Limit

16.0

10/08/2014

10/08/2014

Analyzed

10/08/2014

Analyzed

10/08/2014

Analyzed By: AP

Analyzed

Method Blank BS % Recovery 100

True Value QC 400

RPD

3.92

Qualifier

Sample ID: B-1 55' (H403038-12)

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Result Reporting Limit Analyzed Analyte

144

Result

144

Method Blank ND

ND

BS 400 % Recovery 100

True Value QC

400

400

True Value QC

400

RPD 3.92

Qualifier

Sample ID: B-2 2' (H403038-13)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Method Blank

ND

Method Blank

ND

BS

400

BS

400

% Recovery 100

% Recovery

100

True Value QC

3.92

RPD

3.92

Qualifier RPD

Chloride

Analyte

Sample ID: B-2 4' (H403038-14)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte	Result	Reporting Limit
Chlorida	336	16.0

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Qualifier

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Analytical Results For:

TALON LPE **DAVID ADKINS** 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

10/03/2014

10/09/2014

Sampling Date:

10/02/2014

Reported:

Sampling Type:

Soil

Project Name:

MARATHON WATER TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307.067.01

Sample Received By:

Kathy Perez

Project Location:

NONE GIVEN

Sample ID: B-2 6' (H403038-15)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Result

Reporting Limit Analyzed

Reporting Limit

16.0

Reporting Limit

16.0

Reporting Limit

16.0

16.0

Method Blank

BS

% Recovery True Value QC RPD

Qualifier

Chloride

Chloride

Chloride

Chloride

Chloride

272

Result

32.0

Result

96.0

Result

112

16.0 10/08/2014 ND

400

BS

400

BS

400

400

100

400

3.92

RPD

3.92

3,92

Sample ID: B-2 8' (H403038-16)

Chloride, SM4500CI-B

Analyte

mg/kg

Analyzed By: AP

Method Blank

% Recovery

100

True Value QC

400

Qualifier

Sample ID: B-2 10' (H403038-17)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Analyzed

10/08/2014

Analyzed

10/08/2014

10/08/2014

Analyzed

10/08/2014

Method Blank

ND

ND

% Recovery

100

True Value QC

400

RPD

Qualifier

Sample ID: B-2 15' (H403038-18)

Chloride, SM4500CI-B

Analyte

mg/kg

Analyzed By: AP

Method Blank

ND

ND

BS % Recovery

True Value QC

400

RPD

3.92

Qualifier

Qualifier

Sample ID: B-2 20' (H403038-19)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Result Reporting Limit

96.0

Analyzed

Method Blank

BS 400 % Recovery 100

100

True Value QC 400

RPD 3.92

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

Received:

10/03/2014

Sampling Date:

10/02/2014

Reported:

10/09/2014

Sampling Type:

Soil

Project Name:

MARATHON WATER TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307.067.01

Sample Received By:

Kathy Perez

Project Location:

Analyte

Analyte

NONE GIVEN

Sample ID: B-3 2' (H403038-20)

Chloride, SM4500Cl-B

mg/kg

Reporting Limit

16.0

Reporting Limit

16.0

16.0

Reporting Limit

16.0

16.0

Analyzed By: AP

Method Blank

% Recovery True Value QC RPD

3.92

Qualifier

Chloride

Chloride

Chloride

Chloride

Received by OCD: 9/5/2024 1:31:30 PM

Result 64.0

Result

1730

Result

3840

Result

800

96.0

10/08/2014

Analyzed

ND

Method Blank

ND

BS 400

100

% Recovery

100

100

100

400

True Value QC

400

Sample ID: B-3 4' (H403038-21)

Chloride, SM4500CI-B

mg/kg

Analyzed

10/08/2014

10/08/2014

Analyzed By: AP

BS

400

BS

400

BS

400

BS

400

RPD

3.92

Qualifier

Sample ID: B-3 6' (H403038-22)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Reporting Limit Analyzed Method Blank

ND

% Recovery

True Value QC

400

400

RPD

3.92

Qualifier

Sample ID: B-3 8' (H403038-23)

Chloride, SM4500CI-B

Analyte

mg/kg

Analyzed By: AP

Analyzed

10/08/2014

Analyzed

10/08/2014

Method Blank

ND

% Recovery True Value QC

RPD 3.92 Qualifier

Sample ID: B-3 10' (H403038-24)

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

Analyte Chloride

Result Reporting Limit

Method Blank

ND

% Recovery 100

True Value QC 400

3.92

Qualifier RPD

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Analytical Results For:

TALON LPE DAVID ADKINS 408 W. TEXAS AVE. ARTESIA NM, 88210

Fax To:

(575) 745-8905

Received:

10/03/2014

Sampling Date:

10/02/2014

Reported:

10/09/2014

Sampling Type:

Soil

Project Name:

MARATHON WATER TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307.067.01

Sample Received By:

Kathy Perez

Project Location:

NONE GIVEN

Sample ID: B-4 2' (H403038-25)

Chloride,	SM4500CI-B
Cilioriae,	31·14300Cl D

mg/kg

Analyzed By: AP

Analyte

Result Reporting Limit

Analyzed

Analyzed

10/08/2014

Analyzed

10/08/2014

Method Blank

True Value QC % Recovery

RPD

Qualifier

Chloride

16.0

Result

64.0

Result

176

Result

128

Result

1660

16.0

Reporting Limit

16.0

Reporting Limit

16.0

10/08/2014

ND

Method Blank

ND

BS 400

BS

400

100

3.92

Sample ID: B-4 4' (H403038-26)

Chloride, SM4500CI-B

Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

% Recovery

100

Qualifier

Chloride

Chloride

Sample ID: B-4 6' (H403038-27)

mg/kg

Analyzed By: AP

Method Blank BS % Recovery

100

True Value QC

400

400

True Value QC

400

RPD

3.92

Qualifier

Analyte

Analyte

Chloride, SM4500CI-B

mg/kg

Analyzed By: AP

ND

400

3.92

RPD

Sample ID: B-4 8' (H403038-28)

Analyte

Reporting Limit

16.0

Reporting Limit

16.0

Analyzed 10/08/2014 Method Blank ND

BS 400 % Recovery 100

True Value QC

RPD

Qualifier

Chloride

Chloride

Received by OCD: 9/5/2024 1:31:30 PM

mg/kg

Analyzed By: AP

ND

BS

416

400

3.92

Qualifier

Sample ID: B-5 4' (H403038-29)

Chloride, SM4500CI-B

Analyzed

10/08/2014

Method Blank

% Recovery

104

True Value QC 400

RPD 0.00

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Analytical Results For:

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

Received:

10/03/2014

Sampling Date:

10/02/2014

Reported:

10/09/2014

Sampling Type:

Soil

Project Name:

MARATHON WATER TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307.067.01

Sample Received By:

Kathy Perez

Project Location:

NONE GIVEN

Sample ID: B-5 6' (H403038-30)

Chloride,	SM4500CI-B

mg/kg

Analyzed By: AP

Analyte

Reporting Limit Result

Analyzed

Method Blank

BS

% Recovery

True Value QC

RPD

0.00

Qualifier

Chloride

Chloride

64.0

Result

800

16.0

Reporting Limit

16.0

10/08/2014

Analyzed

10/08/2014

ND

ND

ND

416

104

400

Sample ID: B-5 8' (H403038-31)

Chloride,	SM4500CI-B	

mg/kg

Analyzed By: AP

Method Blank

BS

416

% Recovery 104

True Value QC

400

RPD

0.00

Qualifier

Sample ID: B-5 10' (H403038-32)

Chlorida	SM4500Cl-B
Cilionac,	SINTSUUCI D

•		
	ma/ka	

Analyzed By: AP

Analyte

Analyte

Analyte

Analyte

Result Reporting Limit Analyzed 10/08/2014 960 16.0

Method Blank

BS

% Recovery

104

True Value QC 400

RPD

Qualifier

Chloride

Reporting Limit

16.0

Reporting Limit

16.0

416

0.00

Sample ID: B-5 15' (H403038-33)

Chloride, SM4500Cl-B

mg/kg

Result

1960

Result

192

Analyzed By: AP

Method Blank BS

% Recovery

True Value QC

400

True Value QC

400

RPD

Qualifier

Chloride

Sample ID: B-5 20' (H403038-34) Chloride, SM4500Cl-B

mg/kg

Analyzed By: AP

Analyzed

10/08/2014

Analyzed

10/08/2014

Method Blank

ND

ND

BS

416

416

104

% Recovery

104

0.00

RPD

0.00

Qualifier

Chloride

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Analytical Results For:

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

Received:

10/03/2014

Sampling Date:

10/02/2014

Reported:

10/09/2014

Sampling Type:

Soil

Project Name:

MARATHON WATER TRANSFER LINE

Sampling Condition:

Cool & Intact

Project Number:

701307.067.01

Project Location:

NONE GIVEN

Sample Received By:

Kathy Perez

Sample ID: B-5 25' (H403038-35)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/08/2014	ND	416	104	400	0.00	

Sample ID: B-5 30' (H403038-36)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/08/2014	ND	416	104	400	0.00	

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Notes and Definitions

Analyte NOT DETECTED at or above the reporting limit ND

Relative Percent Difference RPD

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

Insufficient time to reach temperature.

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

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

Cardinal Laboratories

Received by OCD: 9/5/2024 1:31:30 PM

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CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 11 of 14

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

I alon/LFE	I alon/LPE		9.F=1/(:)		
Project Manager:	DAVID ADKINS	25	P.O. #:		ANALTOIS REQUEST
Address: 408 V	Address: 408 W. Texas Ave.		Company: Talon/I DE		
city: Artesia	State: NM	zip: 88210		2	
Phone #: 575-746-8768	746-8768 Fax #: 575-746-8905	746-8905	Address:	DE	
Project #: 70/	70/307.067.01 Project Owner:	ELime Rodh	City:	۹	
Project Name:	May a How water.	Transfer	State: Zip:	Loi	
Project Location:		Line	*	H	
Sampler Name:	ひ、イタイン / イ	50070	Fay#	C	
FOR LAB USE ONLY		MATRIX	PRESERV SAMPLING		
		S ER		TA	
Lab I.D.	Sample I.D.	TAINEF NDWAT EWATE	ASE: DOL	70	
H403038		(G)RAI # CON GROUI WASTE SOIL DIL	OTHER ACID/B CE / CO OTHER DATE		
	5-1, 6'		10/2/14	\	
Je in the second	8-1 8	-		\	
U	13-1 10		/ 0850	\	
4	13-1 15		0953	١	
t	8-1 20.		0902	\	
6	3-1 25'		0106	\	
-(3-1 30'		N160	\	
200	B-1 35'		0919		
_(12-1 40'		0911	\ '	
ò	3-1 45	_	10 8-1 45	\	

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

: (Circle One)

700

Sample Condition
Cool Intact
Yes Yes
No No

CHECKED BY:
(Initials)

Relinquished By

Time:

A 8 34

Received by OCD: 9/5/2024 1:31:30 PM

Page 12 of 14

CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

I alon/LPE	· I alon/LTE		
Project Manager:	DAUG ADKINS	P.O.#:	ANALYSIS REQUEST
Address: 408 W.	Texas Ave.	Company: Talon/I DE	
city: Artesia	State: NM zip: 88210		2
Phone #: 575-746-8768	Fax #: 575-	Address:)E
roject #: 7013	Project #: 701307.067.01 Project Owner: Lime Ruck	City:	
roject Name:	Project Name: Maratura woter Transfer	State: Zip:	3(:
Project Location:		#	L
Sampler Name:	D. ADKINS/G Baera	Fax#:	Н
FOR LAB USE ONLY		PRESERV. SAMPLING	
Lab I.D.	WATER		Prof L
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Phone Result:

Fax Result:

REMARKS: CHECKED BY

P. 2064

☐ Yes ☐ No Add'l Phone #:

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

がPS - Bus - Other:

Received by OCD: 9/5/2024 1:31:30 PM



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

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Project Manager: DAU 10 AD	Î	- 0	ANALTOIS REQUEST
Address: 408 W. Texas Ave.	?		
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	Fax #: 575-746-8905 Address:)&	
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Project Location:	ļŧ.	L	
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Cool Intact
Yes Yes
No No aim is based upon any of the above stated reasons or otherwise.

Fax Result:

REMARKS: CHECKED BY: (Initials) P. 3 of 4 O No Add'l Phone #: Add'l Fax #:

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

Page 13 of 14

Page 14 of 14



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Relinquished By: Relinquished By: ppler - bPS - Bus - Other: wered By: (Circle One) 50 CT CD Date: 5-14
Time: 30 (S. 30) Hate:3-4 Sample Condition CHECKED BY: (Initials)

☐ Yes ☐ No

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

Received by OCD: 9/5/2024 1:31:30 PM

From: Patterson, Heather, EMNRD

To: "Sheldon Hitchcock"

Cc: David Adkins; Kimberly M. Wilson; Bratcher, Mike, EMNRD

Subject: RE: Lime Rock-Marathon Water Transfer Line Date: Wednesday, November 05, 2014 8:57:00 AM

RE: Lime Rock * Marathon Water Transfer Line * 2RP-2457

Sheldon,

Your work plan is approved with the following exception:

Please extend the liner to include the area of S3.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Heather Patterson Environmental Specialist NMOCD District II (575)748-1283 ext.101

From: Sheldon Hitchcock [mailto:slhitchcock@talonlpe.com]

Sent: Friday, October 31, 2014 2:47 PM

To: Patterson, Heather, EMNRD; Bratcher, Mike, EMNRD

Cc: David Adkins; Kimberly M. Wilson

Subject: Lime Rock-Marathon Water Transfer Line

Heather,

The work plan for the Marathon Water Transfer Line is attached. Please review it and let me know if you have any questions. Thank you.

Respectfully,

Sheldon L. Hitchcock

Project Manager Talon/LPE 408 West Texas Avenue Artesia, New Mexico 88210

Phone: (575) 746-8768 Cell: (575) 689-5198 Fax: (575) 746-8905

Email: slhitchcock@talonlpe.com

Web: www.talonlpe.com



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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 381026

CONDITIONS

Operator:	OGRID:
LIME ROCK RESOURCES II-A, L.P.	277558
1111 Bagby Street	Action Number:
Houston, TX 77002	381026
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
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