



P.O. Box 51790 Midland, Texas 79710
Phone (432) 686-1482 Fax (432) 686-1425

NM OIL CONSERVATION
ARTESIA DISTRICT

JUN 19 2015

June 16, 2015

RECEIVED

New Mexico Oil Conservation Division Dist 2
811 S First St.
Artesia, New Mexico 88210

Leak located at referenced Legal Description:
Section: 32, Township: 16S, Range: 30E
EDDY County, NEW MEXICO
Centurion Leak Number CP55079918

Attached for further handling, is the NMC141 pertaining to the leak that occurred on 6/2/15 in, Section: 32, Township: 16S, Range: 30E. Any correspondence regarding this leak needs to be directed to Centurion Pipeline L.P. ; P.O. Box 51790 ; Midland, TX 79710 ; Phone (432) 686-1482 or Fax (432) 686-1425.

If further information is required, please advise.

Sincerely,

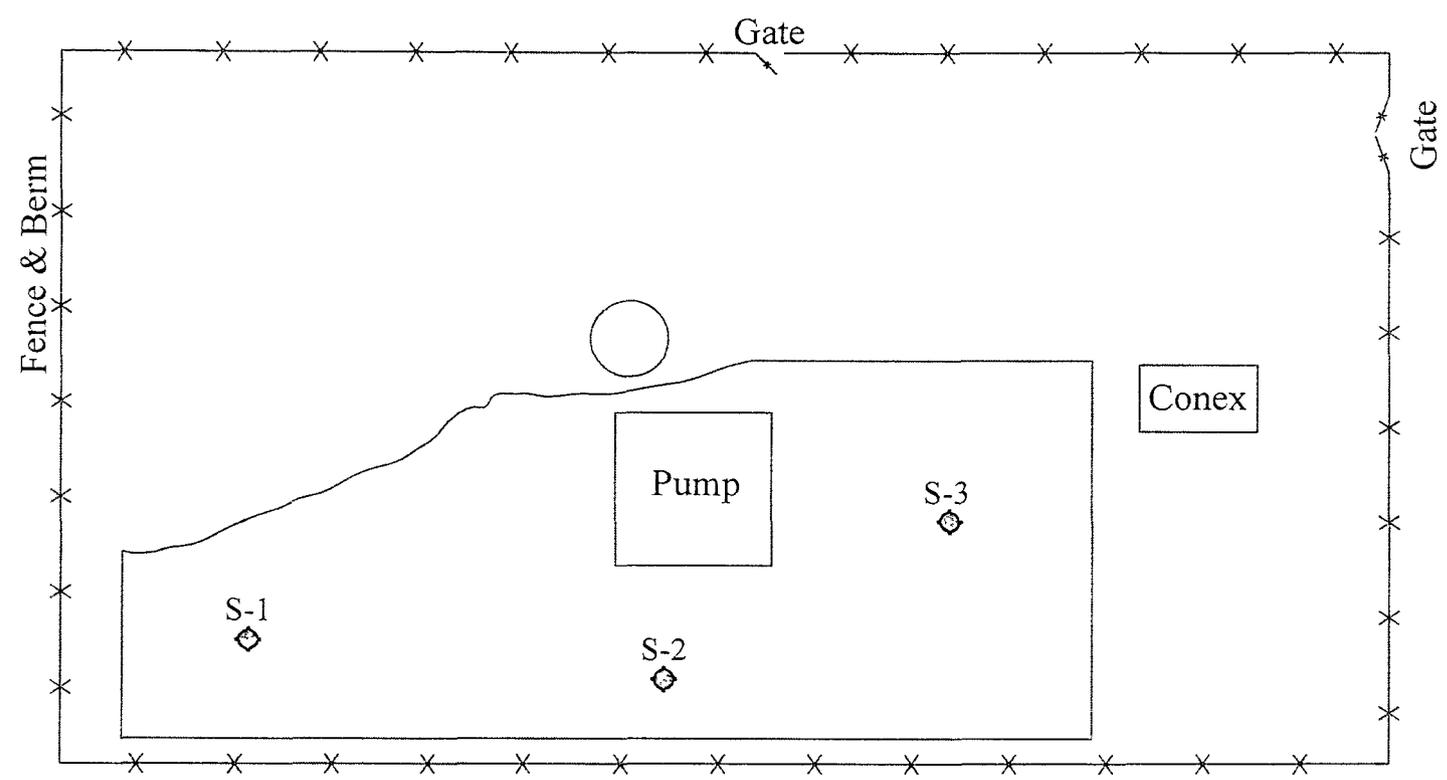
A handwritten signature in black ink that reads "R Moore". The signature is written in a cursive, flowing style.

REBECCA MOORE
ENVIRONMENTAL ADVISOR
432-686-6805

Attachments



NTS
Scale in Feet



Legend
◆ - Sample Location
- - - - - Fence Line



Date: 06/11/2015
Scale: NTS
Drawn By: TJS

Loco Hills Station
Centurion Pipeline, L.P.
Eddy County, New Mexico
Figure 1 - Site Plan



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

June 04, 2015

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LOCO HILLS STATION

Enclosed are the results of analyses for samples received by the laboratory on 06/03/15 13:50.

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 accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (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,

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

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/03/2015	Sampling Date:	06/02/2015
Reported:	06/04/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-1 0.5' (H501423-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	375	5.00	06/04/2015	ND	2.28	114	2.00	2.00		
Toluene*	1030	5.00	06/04/2015	ND	2.04	102	2.00	2.19		
Ethylbenzene*	460	5.00	06/04/2015	ND	2.00	100	2.00	2.25		
Total Xylenes*	475	15.0	06/04/2015	ND	5.85	97.5	6.00	2.69		
Total BTEX	2340	30.0	06/04/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 117 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/04/2015	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	13600	200	06/03/2015	ND	179	89.4	200	3.01			
DRO >C10-C28	36500	200	06/03/2015	ND	189	94.5	200	0.510			

Surrogate: 1-Chlorooctane 415 % 47.2-157

Surrogate: 1-Chlorooctadecane 844 % 52.1-176

Cardinal Laboratories

* = Accredited Analyte

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Caley D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/03/2015	Sampling Date:	06/02/2015
Reported:	06/04/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-1 1' (H501423-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.418	0.050	06/04/2015	ND	2.28	114	2.00	2.00		
Toluene*	0.377	0.050	06/04/2015	ND	2.04	102	2.00	2.19		
Ethylbenzene*	0.089	0.050	06/04/2015	ND	2.00	100	2.00	2.25		
Total Xylenes*	<0.150	0.150	06/04/2015	ND	5.85	97.5	6.00	2.69		
Total BTEX	0.884	0.300	06/04/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/04/2015	ND	400	100	400	3.92		

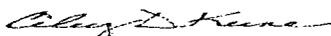
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	12.1	10.0	06/03/2015	ND	179	89.4	200	3.01		
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	189	94.5	200	0.510		

Surrogate: 1-Chlorooctane 108 % 47.2-157
Surrogate: 1-Chlorooctadecane 134 % 52.1-176

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/03/2015	Sampling Date:	06/02/2015
Reported:	06/04/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-1 2' (H501423-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2015	ND	2.28	114	2.00	2.00		
Toluene*	<0.050	0.050	06/04/2015	ND	2.04	102	2.00	2.19		
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	2.00	100	2.00	2.25		
Total Xylenes*	<0.150	0.150	06/04/2015	ND	5.85	97.5	6.00	2.69		
Total BTEX	<0.300	0.300	06/04/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 108 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/04/2015	ND	400	100	400	3.92		

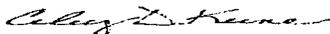
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/03/2015	ND	179	89.4	200	3.01		
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	189	94.5	200	0.510		

Surrogate: 1-Chlorooctane 113 % 47.2-157
Surrogate: 1-Chlorooctadecane 135 % 52.1-176

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	06/03/2015	Sampling Date:	06/02/2015
Reported:	06/04/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-2 0.5' (H501423-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	297	10.0	06/04/2015	ND	2.28	114	2.00	2.00		
Toluene*	1200	10.0	06/04/2015	ND	2.04	102	2.00	2.19		
Ethylbenzene*	503	10.0	06/04/2015	ND	2.00	100	2.00	2.25		
Total Xylenes*	503	30.0	06/04/2015	ND	5.85	97.5	6.00	2.69		
Total BTEX	2500	60.0	06/04/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 111 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/04/2015	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	14300	200	06/03/2015	ND	179	89.4	200	3.01			
DRO >C10-C28	32600	200	06/03/2015	ND	189	94.5	200	0.510			

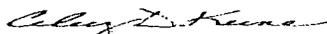
Surrogate: 1-Chlorooctane 562 % 47.2-157

Surrogate: 1-Chlorooctadecane 764 % 52.1-176

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*=Accredited Analyte

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Analytical Results For:

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

Received:	06/03/2015	Sampling Date:	06/02/2015
Reported:	06/04/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-2 1' (H501423-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.488	0.050	06/04/2015	ND	2.28	114	2.00	2.00		
Toluene*	0.632	0.050	06/04/2015	ND	2.04	102	2.00	2.19		
Ethylbenzene*	0.147	0.050	06/04/2015	ND	2.00	100	2.00	2.25		
Total Xylenes*	<0.150	0.150	06/04/2015	ND	5.85	97.5	6.00	2.69		
Total BTEX	1.27	0.300	06/04/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 104% 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/04/2015	ND	400	100	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	13.1	10.0	06/03/2015	ND	179	89.4	200	3.01		
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	189	94.5	200	0.510		

Surrogate: 1-Chlorooctane 104% 47.2-157
Surrogate: 1-Chlorooctadecane 127% 52.1-176

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 SHELDON HITCHCOCK
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 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	06/03/2015	Sampling Date:	06/02/2015
Reported:	06/04/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-2 2' (H501423-06)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.061	0.050	06/04/2015	ND	2.28	114	2.00	2.00		
Toluene*	0.062	0.050	06/04/2015	ND	2.04	102	2.00	2.19		
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	2.00	100	2.00	2.25		
Total Xylenes*	<0.150	0.150	06/04/2015	ND	5.85	97.5	6.00	2.69		
Total BTEX	<0.300	0.300	06/04/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 108 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/04/2015	ND	400	100	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	06/03/2015	ND	179	89.4	200	3.01		
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	189	94.5	200	0.510		

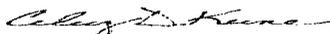
Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 127 % 52.1-176

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 SHELDON HITCHCOCK
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 ARTESIA NM, 88210
 Fax To: (575) 745-8905

Received:	06/03/2015	Sampling Date:	06/02/2015
Reported:	06/04/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-3 0.5' (H501423-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	66.1	2.00	06/04/2015	ND	2.28	114	2.00	2.00	
Toluene*	257	2.00	06/04/2015	ND	2.04	102	2.00	2.19	
Ethylbenzene*	112	2.00	06/04/2015	ND	2.00	100	2.00	2.25	
Total Xylenes*	113	6.00	06/04/2015	ND	5.85	97.5	6.00	2.69	
Total BTEX	548	12.0	06/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 114 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/04/2015	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	3350	100	06/03/2015	ND	179	89.4	200	3.01		
DRO >C10-C28	6050	100	06/03/2015	ND	189	94.5	200	0.510		

Surrogate: 1-Chlorooctane 233 % 47.2-157

Surrogate: 1-Chlorooctadecane 204 % 52.1-176

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*=Accredited Analyte

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

Received:	06/03/2015	Sampling Date:	06/02/2015
Reported:	06/04/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-3 1' (H501423-08)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.273	0.050	06/04/2015	ND	2.28	114	2.00	2.00		
Toluene*	0.336	0.050	06/04/2015	ND	2.04	102	2.00	2.19		
Ethylbenzene*	0.077	0.050	06/04/2015	ND	2.00	100	2.00	2.25		
Total Xylenes*	<0.150	0.150	06/04/2015	ND	5.85	97.5	6.00	2.69		
Total BTEX	0.685	0.300	06/04/2015	ND						

Surrogate: 4-Bromofluorobenzene (PII) 108 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/04/2015	ND	400	100	400	3.92		

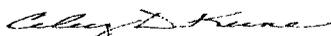
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	15.9	10.0	06/03/2015	ND	179	89.4	200	3.01		
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	189	94.5	200	0.510		

Surrogate: 1-Chlorooctane 109 % 47.2-157
Surrogate: 1-Chlorooctadecane 131 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/03/2015	Sampling Date:	06/02/2015
Reported:	06/04/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-3 2' (H501423-09)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/04/2015	ND	2.28	114	2.00	2.00		
Toluene*	<0.050	0.050	06/04/2015	ND	2.04	102	2.00	2.19		
Ethylbenzene*	<0.050	0.050	06/04/2015	ND	2.00	100	2.00	2.25		
Total Xylenes*	<0.150	0.150	06/04/2015	ND	5.85	97.5	6.00	2.69		
Total BTEX	<0.300	0.300	06/04/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 109 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	06/04/2015	ND	400	100	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	06/03/2015	ND	179	89.4	200	3.01		
DRO >C10-C28	<10.0	10.0	06/03/2015	ND	189	94.5	200	0.510		

Surrogate: 1-Chlorooctane 109 % 47.2-157

Surrogate: 1-Chlorooctadecane 128 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

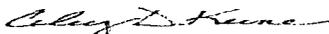
Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon/LPE				BILL TO				ANALYSIS REQUEST													
Project Manager: Sheldon Hitchcock				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 #: 701242, 047, 01		Project Owner: Centurion		City:																	
Project Name: Loco Hills Station				State: Zip:																	
Project Location:				Phone #:																	
Sampler Name: Sheldon Hitchcock				Fax #:																	
FOR LAB USE ONLY																					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.		SAMPLING		TPH	BTEX	Chlorides							
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER						DATE	TIME			
H5D1423																					
1	S-1 0.5'	G 1	/	/	/	/	/	/	/	6/2/15	8:34	/	/	/							
2	S-1 1'	G 1	/	/	/	/	/	/	/		8:36	/	/	/							
3	S-1 2'	G 1	/	/	/	/	/	/	/		8:38	/	/	/							
4	S-2 0.5'	G 1	/	/	/	/	/	/	/		8:40	/	/	/							
5	S-2 1'	G 1	/	/	/	/	/	/	/		8:43	/	/	/							
6	S-2 2'	G 1	/	/	/	/	/	/	/		8:45	/	/	/							
7	S-3 0.5'	G 1	/	/	/	/	/	/	/		8:47	/	/	/							
8	S-3 1'	G 1	/	/	/	/	/	/	/		8:48	/	/	/							
9	S-3 2'	G 1	/	/	/	/	/	/	/		8:49	/	/	/							

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Relinquished By:	Date: 6-3-15	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
<i>Sheldon Hitchcock</i>	Time: 11:12	<i>[Signature]</i>	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:		Rush!	
Delivered By: (Circle One)	Sample Condition	CHECKED BY:		
Sampler - UPS - Bus - Other:	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	(Initials) <i>[Signature]</i>		

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

[Handwritten initials]



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

June 10, 2015

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: LOCO HILLS STATION

Enclosed are the results of analyses for samples received by the laboratory on 06/09/15 16:50.

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 accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (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,

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

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/09/2015	Sampling Date:	06/09/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-1 1' (H501480-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.157		
Toluene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.324		
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.11	105	2.00	0.117		
Total Xylenes*	<0.150	0.150	06/10/2015	ND	5.78	96.3	6.00	0.608		
Total BTEX	<0.300	0.300	06/10/2015	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 61-154

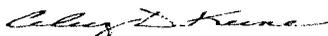
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	06/09/2015	ND	182	91.2	200	1.35		
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	194	97.2	200	1.68		

Surrogate: 1-Chlorooctane 93.7 % 47.2-157
Surrogate: 1-Chlorooctadecane 115 % 52.1-176

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/09/2015	Sampling Date:	06/09/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-2 1' (H501480-02)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.157		
Toluene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.324		
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.11	105	2.00	0.117		
Total Xylenes*	<0.150	0.150	06/10/2015	ND	5.78	96.3	6.00	0.608		
Total BTEX	<0.300	0.300	06/10/2015	ND						

Surrogate: 4-Bromofluorobenzene (PII) 109 % 61-154

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	06/09/2015	ND	182	91.2	200	1.35		
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	194	97.2	200	1.68		

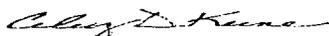
Surrogate: 1-Chlorooctane 87.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/09/2015	Sampling Date:	06/09/2015
Reported:	06/10/2015	Sampling Type:	Soil
Project Name:	LOCO HILLS STATION	Sampling Condition:	Cool & Intact
Project Number:	701242.047.01	Sample Received By:	Jodi Henson
Project Location:	CENTURION		

Sample ID: S-3 1' (H501480-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.157	
Toluene*	<0.050	0.050	06/10/2015	ND	2.00	100	2.00	0.324	
Ethylbenzene*	<0.050	0.050	06/10/2015	ND	2.11	105	2.00	0.117	
Total Xylenes*	<0.150	0.150	06/10/2015	ND	5.78	96.3	6.00	0.608	
Total BTEX	<0.300	0.300	06/10/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

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	06/09/2015	ND	182	91.2	200	1.35	
DRO >C10-C28	<10.0	10.0	06/09/2015	ND	194	97.2	200	1.68	

Surrogate: 1-Chlorooctane 96.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 117 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

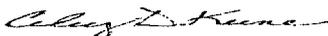
Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

