

November 19, 2012

NMOCD District 2

1301 West Grand Avenue

Subject:

Remediation and Closure Report

Judah Oil, LLC

Cedar Lake SWD Unloading Station

Dear Mr. Bratcher,

Judah Oil had contracted Talon/LPE (Talon) to perform soil assessment and remediation activities at the referenced Cedar Lake SWD Unloading Station. The results of our soil assessment, completed remediation activities and closure request are submitted herein.

Background Information

The Cedar Lake SWD Unloading Station is located approximately thirty (30) miles east of Artesia, New Mexico. The legal location for the site is Section 29, Township 17 South and Range 31 East in Eddy County, New Mexico. More Specifically the latitude and longitude for the location are 32.81053 North and -103.88457 West.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soil in this area is made up of Kermit-Berino complex with 0 to 3 percent slopes, eroded. Per the New Mexico Bureau of Geology and Mineral Resources, the local surface and shallow geology is Holocene to Pleistocene in age and is comprised of eolian sands and piedmont deposits which include silty soils under lain with hard caliche. Drainage courses in this area are normally dry. Ground water in the project vicinity is approximately 325-feet below land surface according to the Texaco/Chevron Eddy County Water Trend Data Map (2005).

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

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

ENVIRONMENTAL CONSULTING ENGINEERING DRILLING CONSTRUCTION SPILL MANAGEMENT

Toll Free: 866.742.0742 www.talonlpe.com

GENERAL CONTRACTING

Incident Description

On August 19, 2012 the Cedar Lake SWD Unloading Station was struck by lightning. All tanks were burnt causing a release of 11,910 barrels of produced water and 942 barrels of oil. All fluids released were within the below grade containment at the Cedar Lake SWD Unloading Station which was lined. A vacuum truck was called to recover the standing fluid.

Mr. Mike Bratcher Artesia, NM 88210

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

ARTESIA

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

AUSTIN

9II West Anderson Lane Suite 202 Austin, Texas 78757 Phone 512.989.3428 Fax 512.989.3487

HOBBS

318 East Taylor Street Hobbs, New Mexico 88240 Phone 575 393 4261 Fax 575.393.4658

MIDLAND

2901 State Hwy 349 Midland, Texas 79706 Phone 432,522,2133 Fax 432.522.2180

SAN ANTONIO

II Commercial Place Schertz, Texas 78154 Phone 210.265.8025 Fax 210.568.2191

TULSA 525 South Main Street Suite 535 Tulsa, Oklahoma 74103 Phone 918.742.0871 Fax 918.382.0232

Remedial Actions Taken

On October 16, 2012 Talon personnel mobilized to the site to begin excavation of the impacted area in accordance with the approved work plan. The impacted soil within the area of the release was excavated from a depth of 2-foot to 4-feet deep and transported to a NMOCD approved solid waste disposal facility, CRI, pursuant to the work plan.

On October 25, 2012 Talon personnel mobilized to the site to begin closure soil sampling activities on the bottom and sidewalls of the excavation per the BLM and NMOCD requirements. Grab soil samples were collected and tested for chlorides on site, utilizing the field titration method.

All soil samples were collected by Talon personnel wearing clean nitrile gloves. The soil samples were placed in laboratory provided sample containers, iced and transported to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples were tested for volatile organics (BTEX) per EPA Method 8021B, Total Petroleum Hydrocarbons (TPH) per EPA Method 8015M, and total chlorides via Method SM 4500Cl-B. The complete laboratory report is attached as Appendix II.

Analytical Results

Analytical results received from Cardinal Laboratories are summarized below:

September 21, 2012

Sample	<u>Depth</u>	<u>BTEX</u>	Chlorides	TPH (mg/kg)
BH-1	0'	< 0.150	4800	132
	2'	< 0.150	3200	<10
`	4'	< 0.150	8500	<10
	6'	< 0.150	288	<10
	8'		64	
	10'		64	
	15'		96	
	20'		288	
	25'		112	
	30'		96	
BH-2	0'	4.571	1170	2238
	2'	0.058	16	<10
	4'	< 0.150	32	<10
	6'	< 0.150	16	<10
	8'		32	
	10'		48	
	15'		48	
	20'		128	
	25'		48	
	30'		64	
Analyte No	t Tested			

--Analyte Not Tested

October 5, 2012

Sample	<u>Depth</u>	BTEX	Chlorides	TPH (mg/kg)
S-3	0' 2' 4' 6' 8' 10'	<0.150 <0.150 	3480 32 96 128 416 32	54.7 <10
S-4	0' 2' 4' 6' 8' 10'	3.922 <0.150 	2960 16 <16 32 <16 48	3090 <10
S-5	0' 2' 4' 6' 8' 10'	0.102 <0.150 	1170 <16 <16 <16 <16 <16	451 <10
S-6 S-7 S-8 S-9 S-10 Analyte No	0' 0' 0' 0' 0' t Tested	<0.150 <0.150 <0.150 <0.150 <0.150	80 <16 <16 4240 16	0 <10 <10 <10 <10

October 25, 2012

The post excavation field titration results for total chlorides are as follows. The samples were collected from the bottom of the excavated area.

Chlorides (mg/kg)
567
284
141
354
141
1063
141

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

Summary and Conclusions

- The impacted areas were excavated to a depth of 2-feet to 4-feet deep. The excavated soils were transported to a NMOCD approved solid waste disposal facility.
- On October 24, 2012 Mike Bratcher with NMOCD granted approval to backfill after field testing was completed. On October 25, 2012 Jim Amos with the BLM also agreed to closure based upon field testing results.
- On October 29, 2012 the excavated area was backfilled using new material transported from a local borrow pit. The below grade containment was reconstructed using new material.
- The below grade containment will be relined, new tanks and infrastructure will be installed and the facility brought back into service by Judah Oil.
- Based on the depth to groundwater and the remedial actions implemented, it is unlikely that the impacts identified from this release will pose a threat to groundwater.

Closure

On behalf of Judah Oil, we respectfully request that no further actions be required and that closure with respect to this release be granted.

If we can provide additional information or be of further assistance please contact our office at 575.746.8768.

Respectfully submitted,

TALON/LPE

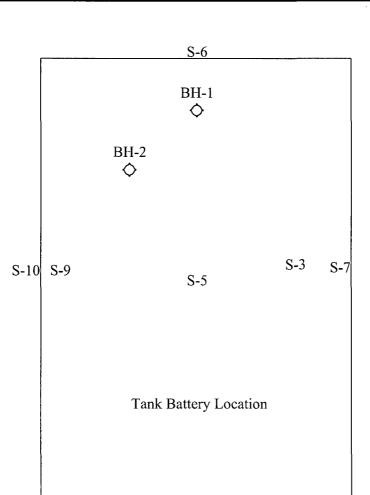
Mike Stubblefield Project Manager

more Shellfiel

David J. Adkins
District Manager

All

SITE MAP



S-4

Ś-8



Scale in Feet

Legend

- Borehole Location
 - Soil Sample Location



Date: 11/15/2012

Scale: 1" = 40'

Drawn By: TJS

Cedar Lake SWD Unloading Station
Judah Oil, LLC
Eddy County, New Mexico
Figure 1 - Site Plan

APPENDIX I LABORATORY RESULTS



September 21, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: CEDAR LAKE SWD UNLOADING STATION

Enclosed are the results of analyses for samples received by the laboratory on 09/14/12 14:50.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 accredited 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

Lab Director/Quality Manager



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

Fax To:

Received:

09/14/2012

Sampling Date:

09/13/2012

Reported:

09/21/2012

Sampling Type:

Soil ·

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: BH - 1 0' (H202233-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2012	ND	2.25	113	2.00	9.99	
Toluene*	<0.050	0.050	09/20/2012	ND	2.46	123	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/20/2012	ND	2.44	122	2.00	11.2	
Total Xylenes*	<0.150	0.150	09/20/2012	ND	7.41	124	6.00	10.8	
Surrogate: 4-Bromofluorobenzene (PIL	99.7	% 89.4-12	6				-		
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	09/19/2012	ND	416	104	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	09/19/2012	ND	177	88.4	200	8.27	
DRO >C10-C28	132	10.0	09/19/2012	ND	172	86.1	200	12.5	
Surrogate: 1-Chlorooctane	80.1	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	79.2	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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. 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

Celey D. Keine



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

Received:

09/14/2012

Sampling Date:

09/13/2012

Reported:

09/21/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: BH - 1 2' (H202233-02)

BTEX 8021B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2012	ND	2.25	113	2.00	9.99	
Toluene*	<0.050	0.050	09/20/2012	ND	2.46	123	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/20/2012	ND	2.44	122	2.00	11.2	
Total Xylenes*	<0.150	0.150	09/20/2012	ND	7.41	124	6.00	10.8	
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	09/19/2012	ND	416	104	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	09/19/2012	ND	177	88.4	200	8.27	
DRO >C10-C28	<10.0	10.0	09/19/2012	ND	172	86.1	200	12.5	
Surrogate: 1-Chlorooctane	79.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	80.9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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. All claims, including those for negligence and any other cause whatsoever shall be deemed valued 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 solidaries, 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 & Keena



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

Received:

09/14/2012

Sampling Date:

09/13/2012

Reported:

09/21/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: BH - 1 4' (H202233-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2012	ND ,	2.25	113	2.00	9.99	
Toluene*	<0.050	0.050	09/20/2012	ND	2.46	123	2.00	10.6	
Ethylbenzene*	<0.050	0.050	09/20/2012 .	ND	2.44	122	2.00	11.2	
Total Xylenes*	<0.150	0.150	09/20/2012	ND	7.41	124	6.00	10.8	
Surrogate: 4-Bromofluorobenzene (PIL	99.4	% 89.4-12	6				-		
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8500	16.0	09/19/2012	ND	416	104	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	09/19/2012	ND	177	88.4	200	8.27	
DRO >C10-C28	<10.0	10.0	09/19/2012	ND	172	86.1	200	12.5	
Surrogate: 1-Chlorooctane	81.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	82.2	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Uability and Damages. Cardinal's faibility and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed valved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be faible for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurved by client, its coldinalies, 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 & Keena



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

Fax To:

(575) 745-8905

Received:

09/14/2012

Sampling Date:

09/13/2012

Reported:

09/21/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: BH - 1 6' (H202233-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2012	ND	1.84	92.0	2.00	13.8	
Toluene*	<0.050	0.050	09/21/2012	ND	2.07	103	2.00	11.4	
Ethylbenzene*	<0.050	0.050	09/21/2012	ND	2.04	102	2.00	11.1	
Total Xylenes*	<0.150	0.150	09/21/2012	ND	6.32	105	6.00	9.78	
Surrogate: 4-Bromofluorobenzene (PIL	99.6	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/19/2012	ND	416	104	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	09/19/2012	ND	177	88.4	200	8.27	
DRO >C10-C28	<10.0	10.0	09/19/2012	ND	172	86.1	200	12.5	
Surrogate: 1-Chlorooctane	70.6	% 65.2-14	10						• • • •
Surrogate: 1-Chlorooctadecane	66.1	% 63.6-15	4						

Sample ID: BH - 1 8' (H202233-05)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/19/2012	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Uability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed walved 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 Cient, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims to 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 & Keena



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

Received:

09/14/2012

Sampling Date:

09/13/2012

Reported:

Chloride, SM4500CI-B

09/21/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

mg/kg

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: BH - 1 10' (H202233-06)

Cilioriac, St 14300Cl B	ing .	7.19	Allalyze						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	. 64.0	16.0	09/19/2012	ND	416	104	400	0.00	
	15' (H202233-0 7)								
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	09/19/2012	ND	416	104	400	0.00	
-									
Sample ID: BH - 1	20' (H202233-08)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	09/19/2012	ND	416	104	400	0.00	
Sample ID: BH - 1	25' (H202233-09)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/19/2012	ND	416	104	400	0.00	
Sample ID: BH - 1	30' (H202233-10)								
Chloride, SM4500CI-B	-	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/19/2012	ND	416	104	400	0.00	
Chloride	96.0	16.0	09/19/2012	ND	416	104	400	0.00	

Analyzed By: HM

Cardinal Laboratories

*=Accredited Analyte

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. 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 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 & Keene



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

Received:

09/14/2012

Sampling Date:

09/13/2012

Reported:

09/21/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: BH - 2 0' (H202233-11)

BTEX 8021B	mg,	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	09/21/2012	ND	1.84	92.0	2.00	13.8	
Toluene*	0.721	0.200	09/21/2012	ND	2.07	103	2.00	11.4	
Ethylbenzene*	1.01	0.200	09/21/2012	ND	2.04	102	2.00	11.1	
Total Xylenes*	2.84	0.600	09/21/2012	ND	6.32	105	6.00	9.78	
Surrogate: 4-Bromofluorobenzene (PID	109	% 89.4-12	б						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	09/19/2012	ND	416	104	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	148	50.0	09/19/2012	ND	177	88.4	200	8.27	
DRO >C10-C28	2090	50.0	09/19/2012	ND	172	86.1	200	12.5	
Surrogate: 1-Chlorooctane	87.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	103	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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. 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 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 D. Keene



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

Received: '

09/14/2012

Sampling Date:

09/13/2012

Reported:

Sampling Type:

Soil

Project Name:

09/21/2012

Sampling Condition:

Cool & Intact

CEDAR LAKE SWD UNLOADING STATION

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: BH - 2 2' (H202233-12)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result .	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.058	0.050	09/20/2012	ND	1.84	92.0	2.00	13.8	
Toluene*	<0.050	0.050	09/20/2012	ND	2.07	103	2.00	11.4	
Ethylbenzene*	<0.050	0.050	09/20/2012	ND	2.04	102	2.00	11.1	
Total Xylenes*	<0.150	0.150	09/20/2012	ND	6.32	105	6.00	9.78	
Surrogate: 4-Bromofluorobenzene (PIL	100 9	% 89.4-12	6	-		<u></u>			
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/19/2012	ND	416	104	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	09/19/2012	ND	177	88.4	200	8.27	
DRO >C10-C28	<10.0	10.0	09/19/2012	ND	172	86.1	200	12.5	
Surrogate: 1-Chlorooctane	76.5	% 65.2-14	10			_			
Surrogate: 1-Chlorooctadecane	74.8	% 63.6-15	54						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Uability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed 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 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 united approval of Cardinal Laboratories.

Celeg & Keene



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

ı

Received: 09/14/2012 Reported: 09/21/2012

CEDAR LAKE SWD UNLOADING STATION

Project Name: Project Number:

701484.003.01

Project Location: SEC. 29 - T17S - R31E

Sampling Date:

09/13/2012

Sampling Type:

Soil

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

Sample ID: BH - 2 4' (H202233-13)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2012	ND	1.84	92.0	2.00	13.8	
Toluene*	<0.050	0.050	09/20/2012	ND	2.07	103	2.00	11.4	
Ethylbenzene*	<0.050	0.050	09/20/2012	ND	2.04	102	2.00	11.1	
Total Xylenes*	<0.150	0.150	09/20/2012	ND	6.32	105	6.00	9.78	
Surrogate: 4-Bromofluorobenzene (PIL	99.4	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/19/2012	ND	416	104	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	09/19/2012	ND	177	88.4	200	8.27	
DRO >C10-C28	<10.0	10.0	09/19/2012	ND	172	86.1	200	12.5	
Surrogate: 1-Chlorooctane	80.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	78.1	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Uability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be decreed valved 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 substitations, affailed 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal bisonstories.

Celeg E Keene



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

Received:

09/14/2012

Sampling Date:

09/13/2012

Reported:

Sampling Type:

Soil

09/21/2012

Sampling Condition:

Cool & Intact

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sample Received By:

Jodi Henson

Project Number: Project Location: 701484.003.01 SEC. 29 - T17S - R31E

Sample ID: BH - 2 6' (H202233-14)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2012	ND	1.84	92.0	2.00	13.8	
Toluene*	< 0.050	0.050	09/20/2012	ND	2.07	103	2.00	11.4	

Ethylbenzene* 0.050 09/20/2012 ND 2.04 102 2.00 < 0.050 11.1 6.00 09/20/2012 ND 6.32 105 9.78 Total Xylenes* < 0.150 0.150

Surrogate: 4-Bromofluorobenzene (PIL)	99.1								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/19/2012	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/19/2012	ND	177	88.4	200	8.27	
DRO >C10-C28	<10.0	10.0	09/19/2012	ND	172	86.1	200	12.5	

Surrogate: 1-Chlorooctane

81.7%

65.2-140

00 4 126

Surrogate: 1-Chlorooctadecane

82.3 %

63.6-154

Sample ID: BH - 2 8' (H202233-15)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/19/2012	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

PIEASE 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. 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 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.

Celey & Kreene



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

Received:

09/14/2012

Sampling Date:

09/13/2012

Reported:

Chloride, SM4500CI-B

09/21/2012

Sampling Type:

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Soil

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Project Location:

SEC. 29 - T17S - R31E

Jodi Henson

Sample ID: BH - 2 10' (H202233-16)

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/19/2012	ND	400	100	400	3.92	
Sample ID: BH - 2 15'	(H202233-17)						-		
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/19/2012	ND	400	100	400	3.92	
•									
Sample ID: BH - 2 20'	(H202233-18)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM			. <u></u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	09/19/2012	ND	400	100	400	3.92	
Sample ID: BH - 2 25'	(H202233-19)								
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Biank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/19/2012	ND	400	100	400	3.92	
Sample ID: BH - 2 30'	(H202233-20)					•	-		
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM		,			

Analyzed By: HM

Cardinal Laboratories

Chloride

Analyte

*=Accredited Analyte

Qualifier

RPD

3.92

True Value QC

400

% Recovery

100

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 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

Method Blank

ND

400

Analyzed

09/19/2012

Celeg & Keene

Celey D. Keene, Lab Director/Quality Manager

Result

64.0

Reporting Limit

16.0



Notes and Definitions

QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or

greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance

limits.

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 claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be geemed waived unless made in writing and received by Cardinal within lihity (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 rebated to the performance of the services hereunder by Cardinal, regardless of whether such claim is based unon any of the above stated research or otherwise. Resulting above. This retail not be reproduced execut in full with written approached Cardinal Laboratories.

Celey & Keene



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

Company Name	(515) 550-2520 TAX	(010) 000 2470						100	:-1:: <u>%</u> ::+	F2 /	LL TO		:				ΔΝΔΙ	LYSIS	S RE	OUE	ST	 	
Project Manage	: Talon /LPE _ r: mike_5tubblcfic	a [.[• •				P_{e}	O. #:	277			i			Ť	11070				Ť '		T
Address:	408 Wast To	rat Auc.						Cc	mpan	v: -	Talon / 1	PE]							,]		
City:	Artesia		Zip:	89	210)		At										}	}				
Phone #:	505-441-7254			: _	<i></i>			-1-	idress	:	*********					l		1	ĺ			į	
	201484.003.01		: 5,	da	10	111	··	Ci														i	
Project Name:	Cedno Lake SWD	unlanding et	tio	^	<u>· </u>	7		1-	ate:		Zip:		1						[1			
Project Locatio	11: sec. 29-7175-R	216	LLIV					-[one #													į	
Sampler Name:		, P					٠	1	x#:				1]			İ		
FOR LAB USE ONLY	· · · · · · · · · · · · · · · · · · ·			\neg	~	MATI	₹IX	1. 0	PRES	ERV.	SAMPL	ING	1		ب	1		1	ĺ				
			ď.	ľ				T		T	**				Total chloides								
İ			Ö(s	RS	티유	1 }		-	1	1			#d	BUZIA BTE	. Š	j					1		
Lab I.D.	Sample I.	D.) R.	N.	ĕ ĕ				ا <u>نن</u> ا			•	8015M TPH	8	3	ļ				1			
į.			AB (NTA	칠		16	쏨	BA SO	H. H.			151	5 ()	72								
HZ02333			(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	SOIL		ΙĒ	ACID/BASE:	E	DATE	TIME	မိ	ခဲ့	15	1							
1 .	011-10		<u>د</u>	*	ح_ ا	1	<u></u>	1		7	5/13/12	7:55 P		/									
1 2	nit i - t		٣_		-				1		3/13/12	3:00 P										 	
3	BI(·) 4.		5			17	1			1	9/13/12											 	
1.1	BH-1 6'		5	-	_	7	_			小	3/13/12											 	
5	BH-1 3'		3			171	1		1	7	9/13/12		ř						- <i></i> -			 	
1 "	QH-1 10'		5		ł	'		1	"/	'	9/13/12												
7	BK-1 15'		5	1			_	-		1	21/13/12	3:35P										 	
\$	BH-120'		5			7	+	1	1	1	9/13/12	3:400											
9	34.125		4			1	\top		- 7	7	9/13/12	3:458											
10	BH-1 30		2	丁		1/1		<u> </u>		1	9/13/12	3:500											
	nd Damages, Cardinal's liability and clie ng those for negliyence and any other c													le									
service. In no event shall O	ardinal be liable for incidental or conser no out of ar related to the performance	quental damages, including	without	limitatio	n, busin	ess inter	ruptions	, loss c	fuse, or lo	ss of pr	rofits incurred by	client, its subsidia	aries,										
Relinquished B	y:	Date:	Red	eive	d By	;					. 7	Phone Re	sult:	□ Ye				Phone	#:			 	
		Date: 7-14-12 Time: 2:50	ν,	11	7				灭	7	\mathcal{N}	Fax Resu REMARK		□ Ye	s 🗆 l	40	<u>Add'l</u>	Fax #:				 	
Mille Stull Relinquished B	2 field	2:50 Date:			d By		J. 77																
Kennquished B	V:-{		Ked	eive	ea By	:																	,
		Time:										İ											
Delivered By	: (Circle One)	<u>-</u> <u>-</u>		$\neg \gamma$		nple C			CI		ED BY:												,
Sampler - UPS	- Bus - Other		5	0	6	ol Ir Yes No	itact	ś		(Init	M)												



Company Name: Talon/1PF

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

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

12.01.12.12		Transfer of the Add Add Add Transfer of the Add Add Add Transfer of the Add Transfer o		717121010 111	-QOLO1	
Project Manager: mike stubblefield		P.O. #:				
Address: 408 Wit Titel Auc.		Company: Talon/LPE	_			
City: Arteria State: Mm. Zip	p: 88210	Attn:				
Phone #: 575-441-1254 Fax #:		Address:				
Project#: 201484.003.01 Project Owner: 52	adah Oil LLC	City:				1 1
Project Name: Cedar lake SWD valoading cta	2/107	State: Zip:				
Project Location: ecc. 79 - 7775 - R31E		Phone #:				
Sampler Name: mile 5 hellfield		Fax #:				
Lab I.D. Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	PRESERV SAMPLING AGIORASSE: OTHER: OTHER: DATE TIME	8015 M TOH 8021 B BTET Total chlorides			-
11 BH·S O, C		5/13/12 4:05P				
12 BH·Z Z' 6		4:070				_
13 DH·Z 4' a		1 9/13/12 4:100				
14 BH.2 6 a		9/13/12 4:15 P				
15 AH-Z 8' G		9/13/17 4:208				
110 BH - 2 10 6	- -	9/13/12 4:250		_	·	
17 BH-2 15 6	 - - - - -			-	-	
10 8H·2 70 6	┤ ─┤─┼───	9/17/17 4:45P 9/13/17 4:45P	<i>-</i> -	-		
17 BH-2 25 G		9/13/12 4:301		-		-
LEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim		for fort, shall be limited to the amount paid by the client for			<u> </u>	
nalyses. All claims including those for negligence and any other cause whatoever shall be deemed ervice. In no event shall Cardinal be liable for incidental or consequented damages, including withou (filiales or <u>auccessors arising out at or related to the performance of services kretender by Cardinal</u>	ut limitation, business interruptions, l	loss of use, or loss of profits incurred by client, its subsid	aries			
	eceived By:	Phone Ri	sult: 🗆 Yes 🗅 No	Add'l Phone #:		
	Alson mor	Fax Resul		Add'l Fax #:		
Time: Date: Re	eceived By:		-			1
Time:	·					Ì
Delivered By: (Circle One)	Sample Conditi	ion CHECKED BY:				Ì
Sampler - UPS - Bus - Other	Cool Intact	(Initials)				
† Cardinal cannot accept verbal changes. Please fax	x written changes to ((575) 393-2326				Page

BILL TO



October 05, 2012

MIKE STUBBLEFIELD

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: CEDAR LAKE SWD UNLOADING STATION

Enclosed are the results of analyses for samples received by the laboratory on 09/28/12 14:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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 <a href="https://www.tceq.texas.gov/field/ga/lab accred <a href="https://www.tceq.texas.gov/field/ga/lab accred <a href="https://www.tceq.texas.gov/field/ga/lab accred <a href="https://www.tceq.texas.gov/field/ga/lab www.tceq.texas.gov/field/ga/lab accred www.tceq.texas.gov/field/ga/lab accred www.tceq.texas.gov/field/ga/lab accred www.tceq.texas.gov/field/ga/lab <a href="https://www.tceq.texas.gov/field/ga/l

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

Lab Director/Quality Manager



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

Received:

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: S - 3 0' (H202374-01)

BTEX 8021B	mg,	kg	Analyze	g RA: NA					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2012	ND	1.82	91.1	2.00	9.90	
Toluene*	<0.050	0.050	10/03/2012	ND	2.00	100	2.00	9.69	
Ethylbenzene*	<0.050	0.050	10/03/2012	ND	1.97	98.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	10/03/2012	ND	6.06	101	6.00	9.48	
Surrogate: 4-Bromofluorobenzene (PIL	101	% 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	3480	16.0	10/02/2012	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	10/01/2012	ND	202	101	200	0.481	
DRO >C10-C28	54.7	10.0	10/01/2012	ND	204	102	200	0.127	
Surrogate: 1-Chlorooctane	95.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.5	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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. All claims, including those for neoligence and any other cause whatsoever is shall be deemed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such daim 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. Keine



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

09/28/2012

Sampling Date: 09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

Received:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: S - 3 2' BGS (H202374-02)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2012	ND	1.82	91.1	2.00	9.90	
Toluene*	<0.050	0.050	10/03/2012	ND	2.00	100	2.00	9.69	
Ethylbenzene*	<0.050	0.050	10/03/2012	ND	1.97	98.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	10/03/2012	ND	6.06	101	6.00	9.48	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 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	32.0	16.0	10/02/2012	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	10/01/2012	ND	202	101	200	0.481	
DRO >C10-C28	<10.0	10.0	10/01/2012	ND	204	102	200	0.127	
Surrogate: 1-Chlorooctane	101	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	108	% 63.6-15	4						

Sample ID: S = 3 41 BGS (H202374-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/02/2012	ND	416	104	400	3.92	

Cardinal Laboratories *=Accredited Analyte

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. 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 demages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by Client, its subdiafries, 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 related above. This report shall not be reproduced except in full with written approval of Cardinal laboratories.

Celeg D. Keene



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

Received:

Chlorida SM4500CL-R

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

Project Location:

701484.003.01

SEC. 29 - T17S - R31E

Sample ID: S - 3 6' BGS (H202374-04)

Chloride, SM4500CI-B	mg,	/кд	Anaiyze	о ву: АР					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/02/2012	ND	416	104	400	3.92	
Sample ID: S - 3 8' BGS	(H202374-05	5)	•						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP		_			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	10/02/2012	ND	416	104	400	3.92	
Sample ID: S - 3 10' BG	S (H202374-0	06)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/02/2012	ND	416	104	400	3.92	

Analyzed By: AD

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Uability and Damages. Cardina's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed 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 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.

Celey & Keene



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

Received:

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: S - 4 0' (H202374-07)

BTEX 8021B	mg/	/kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.613	0.050	10/03/2012	ND	1.82	91.1	2.00	9.90	
Toluene*	1.01	0.050	10/03/2012	ND	2.00	100	2.00	9.69	
Ethylbenzene*	0.399	0.050	10/03/2012	ND	1.97	98.5	2.00	9.92	
Total Xylenes*	1.90	0.150	10/03/2012	ND	6.06	101	6.00	9.48	
Surrogate: 4-Bromofluorobenzene (PID	138	% 89.4-12	б						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	10/02/2012	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<100	100	10/01/2012	ND	202	101	200	0.481	
DRO >C10-C28	3090	100	10/01/2012	ND	204	102	200	0.127	
Surrogate: 1-Chlorooctane	. 106	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	172	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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. 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 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.

Celey & Keene



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

Received:

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC, 29 - T17S - R31E

Sample ID: S - 4 2' BGS (H202374-08)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2012	ND	1.82	91.1	2.00	9.90	
Toluene*	<0.050	0.050	10/03/2012	ND	2.00	100	2.00	9.69	
Ethylbenzene*	<0.050	0.050	10/03/2012	ND	1.97	98.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	10/03/2012	ND	6.06	101	6.00	9.48	
Surrogate: 4-Bromofluorobenzene (PIL	102	% 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	16.0	16.0	10/02/2012	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	10/01/2012	ND	202	101	200	0.481	
DRO >C10-C28	<10.0	10.0	10/01/2012	ND	204	102	200	0.127	
Surrogate: 1-Chlorooctane	96.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	102	% 63.6-15	4						

Sample ID: S - 4 4' BGS (H202374-09)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/03/2012	ND	400	100	400	4.08	

Cardinal Laboratories

*=Accredited Analyte

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. 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 demages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples inclinified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Keene



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

09/28/2012

Reported: 10/05/2012

Project Name: CEDAR LAKE SWD UNLOADING STATION

Project Number:

Received:

701484.003.01

Project Location: SEC. 29 - T17S - R31E Sampling Date:

09/27/2012

Soil

Sampling Type: Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Sample ID: S - 4 6' BGS (H202374-10)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	, % Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/03/2012	ND	400	100	400	4.08	
		•				•			
Sample ID: S - 4 8' BGS	(H202374-13	L)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/03/2012	ND	400	100	400	4.08	
Sample ID: S - 4 10' BG	S (H202374-:	12)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/03/2012	ND	400	100	400	4.08	

Cardinal Laboratories

*=Accredited Analyte

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. 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 dalm 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.

Celego Frence



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

Fax To:

(575) 745-8905

Received:

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

701484.003.01

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: S - 5 0' (H202374-13)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
, Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2012	ND	1.82	91.1	2.00	9.90	
Toluene*	0.102	0.050	10/03/2012	ND	2.00	100	2.00	9.69	
Ethylbenzene*	<0.050	0.050	10/03/2012	ND	1.97	98.5	2.00	9.92	
Total Xylenes∗	<0.150	0.150	10/03/2012	ND	6.06	101	6.00	9.48	
Surrogate: 4-Bròmofluorobenzene (PIL)	103 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	1170	16.0	10/03/2012	ND	400	100	400	4.08	
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	10/01/2012	ND	202	101	200	0.481	
DRO >C10-C28	451	10.0	10/01/2012	ND	204	102	200	0.127	
Surrogate: 1-Chlorooctane	101	% 65.2-14	10		-				
Surrogate: 1-Chlorooctadecane	112	% 63.6-15	i4						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene



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

Received:

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: S - 5 2' BGS (H202374-14)

BTEX 8021B	mg/l	(g	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2012	ND	1.82	91.1	2.00	9.90	
Toluene*	<0.050	0.050	10/03/2012	ND	2.00	100	2.00	9.69	
Ethylbenzene*	<0.050	0.050	10/03/2012	ND	1.97	98.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	10/03/2012	ND	6.06	101	6.00	9.48	
Surrogate: 4-Bromofluorobenzene (PIL	103 %	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	<16.0	16.0	10/03/2012	ND	400	100	400	4.08	
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	10/01/2012	ND	202	101	200	0.481	
DRO >C10-C28	<10.0	10.0	10/01/2012	ND	204	102	200	0.127	
Surrogate: 1-Chlorooctane	93.5 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	96.49	63.6-15	4						

Sample ID: S - 5 4' BGS (H202374-15)

Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/03/2012	ND	400	100	400	4.08	

Cardinal Laboratories

*=Accredited Analyte

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. 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 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 & Keene



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

Received:

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Reporting Limit

Reporting Limit

16.0

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Analyte

Analyte

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: S - 5 6' . BGS (H202374-16)

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

Analyzed By: AP

BS

BS

400

% Recovery

True Value QC

Qualifier

RPD

4.08

RPD

4.08

Chloride

Chloride

Result <16.0

Result

<16.0

16.0 10/03/2012

Analyzed

Analyzed

10/03/2012

Method Blank ND

400

100

400

Sample ID: S - 5 8' BGS (H202374-17)

Chlo	ride.	SM45000	1-B

mg/kg

Analyzed By: AP

Method Blank

ND

% Recovery

100

True Value OC

400

Qualifier

Sample ID: S - 5 10' BGS (H202374-18)

Chloride, SM4500CI-B

Analyzed By: AP

	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride		<16.0	16.0	10/03/2012	ND	400	100	400	4.08	

Cardinal Laboratories

*=Accredited Analyte

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. recover. Use the second of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

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

Page 10 of 19



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

Received:

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Duningt Number

701484.003.01

Sample Received By:

Jodi Henson

Project Number: Project Location:

SEC. 29 - T17S - R31E

Sample ID: S - 6 (H202374-19)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2012	ND	1.82	91.1	2.00	9.90	
Toluene*	<0.050	0.050	10/03/2012	ND	2.00	100	2.00	9.69	
Ethylbenzene*	<0.050	0.050	10/03/2012	ND	1.97	98.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	10/03/2012	ND	6.06	101	6.00	9.48	
Surrogate: 4-Bromofluorobenzene (PIL	104 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	80.0	16.0	10/03/2012	ND	400	100	400	4.08	
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	10/01/2012	ND	202	101	200	0.481	
DRO >C10-C28	<10.0	10.0	10/01/2012	ND	204	102	200	0.127	•
Surrogate: 1-Chlorooctane	89.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.4	% 63.6-15	4					•	

Cardinal Laboratories

*=Accredited Analyte

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. 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 liabile 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 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.

Celeg & Keene



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

Received:

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

SEC. 29 - T17S - R31E Project Location:

Sample ID: S - 7 (H202374-20)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2012	ND	1.82	91.1	2.00	9.90	
Toluene*	<0.050	0.050	10/03/2012	ND	2.00	100	2.00	9.69	
Ethylbenzene*	<0.050	0.050	10/03/2012	ND	1.97	98.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	10/03/2012	ND	6.06	101	6.00	9.48	
Surrogate: 4-Bromofluorobenzene (PIL	102	% 89.4-12	б						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP		<u>. </u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPĎ	Qualifier
Chloride	<16.0	16.0	10/03/2012	ND	400	100	400	4.08	
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	10/01/2012	ND	202	101	200	0.481	
DRO >C10-C28	<10.0	10.0	10/01/2012	ND	204	102	200	0.127	
Surrogate: 1-Chlorooctane	95.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.9	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

any other cause whatsoever shall be deemed walved 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 substituieries, 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.

Celey D. Keene



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

Fax To:

(575) 745-8905

Received:

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

Sample Received By:

Jodi Henson

701484.003.01

Project Location: SEC. 29 - T17S - R31E

Sample ID: S - 8 (H202374-21)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2012	ND	1.82	91.1	2.00	9.90	
Toluene*	<0.050	0.050	10/03/2012	ND	2.00	100	2.00	9.69	
Ethylbenzene*	<0.050	0.050	10/03/2012	ND	1.97	98.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	10/03/2012	ND	6.06	101	6.00	9.48	
Surrogate: 4-Bromofluorobenzene (PIL	103	% 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	<16.0	16.0	10/03/2012	ND	400	100	400	4.08	
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	10/02/2012	ND	202	101	200	0.660	
DRO >C10-C28	<10.0	10.0	10/02/2012	ND	206	103	200	0.619	
Surrogate: 1-Chlorooctane	96.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	102	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

Celeg & Keene



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

Fax To:

(575) 745-8905

Received:

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location: SEC. 29 - T17S - R31E

Sample ID: S - 9 (H202374-22)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2012	ND	1.82	91.1	2.00	9.90	
Toluene*	<0.050	0.050	10/03/2012	ND	2.00	100	2.00	9.69	
Ethylbenzene*	<0.050	0.050	10/03/2012	ND	1.97	98.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	10/03/2012	ND	6.06	101	6.00	9.48	
Surrogate: 4-Bromofluorobenzene (PID	104 5	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	4240	16.0	10/03/2012	ND	400	100	400	4.08	
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	10/02/2012	ND	202	101	200	0.660	
DRO >C10-C28	<10.0	10.0	10/02/2012	ND	206	103	200	0.619	
Surrogate: 1-Chlorooctane	93.8	% 65.2-14	0						····
Surrogate: 1-Chlorooctadecane	96.3	% 63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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 analyzes. All claims, including those for negligence and any other cause whistoever shall be deemed waived unless made in withing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be performed except in full with written approval of Cardinal Laboratories.

Celeg D. Keene



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

Received:

09/28/2012

Sampling Date:

09/27/2012

Reported:

10/05/2012

Sampling Type:

Soil

Project Name:

CEDAR LAKE SWD UNLOADING STATION

Sampling Condition:

Cool & Intact

Project Number:

701484.003.01

Sample Received By:

Jodi Henson

Project Location:

SEC. 29 - T17S - R31E

Sample ID: S - 10 (H202374-23)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result [*]	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/03/2012	ND	1.82	91.1	2.00	9.90	
Toluene*	<0.050	0.050	10/03/2012	ND	2.00	100	2.00	9.69	
Ethylbenzene*	<0.050	0.050	10/03/2012	ND	1.97	98.5	2.00	9.92	
Total Xylenes*	<0.150	0.150	10/03/2012	ND	6.06	101	6.00	9.48	
Surrogate: 4-Bromofluorobenzene (PIL	104 % 89.4-12		б						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte ·	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0 16.0		10/03/2012 ND		400	100	400	4.08	
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	10/02/2012	ND	202	101	200	0.660	
DRO >C10-C28	<10.0	10.0	10/02/2012	ND	206	103	200	0.619	
Surrogate: 1-Chlorooctane	102	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	108	% 63.6-15	4 .						

Cardinal Laboratories

*=Accredited Analyte

FLEASE 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. All claims, including those for negligence and any other cause whatscever 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 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.

Celey D. Keene



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.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
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 claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsnever shall be deemed waived unless made in withing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall be itable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by Client, its epidalisines, 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 approved of Cardinal Laboratories.

Celeg & Keena



	101 East Marland, Hot (575) 393-2326 FAX (5													1 -	. 7
Company Name	: Talon/LPE	The second secon	AND THE RESERVE AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF	В	ILL TO	SOLECHER RESERVE)	SCIENCES IN THESE PROPERTY.	ANA	LYSIS	REQU	EST	Orna (Santaria	شبخة إدارات السد ال	_¥
Project Manage	er: mike Stubblefield	•		P.O. #:		AND REAL PROPERTY OF THE PARTY		T							t,
Address:	408 WEST TOXAL A			Company:	Talan/LPI									1	
City:			88Z10	Attn:					}						
Phone #:	175-44/-7254 F	ax #:		Address:							}			}	
Project #: 🤌	01484.003,01 P		idulat, LLC	City:										İ	
Project Name:	Cedar take SWD unt	loading statio	<u>a</u> .	State:	Zip:										
Project Locatio	n: ser. 29-Tize-Az	71 =		Phone #:]						
Sampler Name:	ries Collegell			Fax #:											
FOR LAB USE ONLY	(a:	MATRIX	PRESER'	V SAMPL	ING	=	2 2					1 1		
		(C)OMP.	S EE EE				1191	BTEX orida		i l					
Lab I.D.	Sample i.D) H	# CONTAINERS GROUNDWATE WASTEWATER SOIL	i ki zi		į	ε	1 775							
Leave iii	Jampio III	(G)RAB OR	UND	SLUDGE OTHER. ACID/BASE ICE / COOL			8015 m	8021B							
H202374		(G)R	# CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER. ACID/BASE: ICE / COOL	DATE	TIME	8	8021 7074							
	5.30	<u>د</u>			9/27/12	10:151									
2.	5.3 2' 555	a.			9 32/12		///								
<u>9</u>	5.3 4.511	a_			9/27/12									_	
5	5.3 6.65C	(6.			4/32/12			· /_/.				.			
9	2.3 8.76	٦			1/27/12								ĺ	1	
	C. H W.	4			9/27/12]				···- -		- ***
5	5.4 2' 301	آءُ				11 15 A								-	
- CJ	5.44.605	۷		/	9/23/12									- -	
112	5.46' 6'5	اے			9/27/12	11:25 A									
analyses. All claims include	ind Damages. Cardinal's liability and client's ing those for negligance and any other causi Cardinal be liable for incidental or consequen	e whatsoovar shall be deemed	waved unless mild in witing a												
	ing out of ar related to the performance of se	ervices hereunder by Cordinal.					e	Yes □ N	L- Aslalit	71			denne cr osin		
·		Date: Re- 1/28/20/2_ Time: 2 2 3	cerved by.	ان مستنششه ۲۰۰۰ مستنشه		Fax Result	t:	Yes □ N	le Add'l	Phone #: Fax #:					
milesty	elefield					REMARKS	;								
Relinquished B	y: \	123/6-1	ceived By:	$M_{\rm coll}$	(
The state of the s	1	Time:	MELLA	MIN											
Delivered By	: (Circle One)		Sample Cond		KED BY:										
Sampler - UPS	- Bus - Other:	<u>(</u> ,	Yes BY	es (肝										



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

(575) 393-2326 FAX (575) 393-2476		2	- 3										
Company Name: Talon / LPE	BILL TO	ANALYSIS REQUEST											
Project Manager: mike Stalllefield	.P.O. #:												
Address: 408 West Toxal Ruc	Company: Talon/LAE		ŀ										
City: Artesia State: Nm Zip: 88710	Attn:												
Phone #: 575-441-7254 Fax #:	Address:												
Project#: 201484.003,01 Project Owner: Judah Oil, LLC	City:												
Project Name: Codar Lake SWD unloading station	State: Zip:												
Project Location: sec. 29 · Ti25 · R31E	Phone #:		į										
Sampler Name: rice (Stockfull	Fax #:												
Lab I.D. Sample I.D. PARTENATER WASTEWATER WASTEWATER MATURES SOUL	PRESERV SAMPLING OTHERS: OTH	8015m 7PH 3021R 3TE											
11 S-4 8' 655 12 5-4 10' 655 13 5-5 0' 14 5-5 0' 15 5-5 6' 655 16 5-5 6' 655 17 5-5 8' 655 17 5-5 8' 655 17 5-6 5-6 5-6 5-6 5-6 5-6 5-6 5-6 5-6 5-6													
analyses. All datine including those for negligence and any other cause whatsoever shall be deemed warved unless made in writing an service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions.	loss of use, or loss of profits incurred by client, its subsidiar	ries,											
Relinquished By: Date Received By: Date Date Received By: Date Dat	Phone Red Fax Result REMARKS Ton CHECKED BY: (In(tiáts))	sult:	The second secon										



	101 East Marland, H- (575) 393-2326 FAX																				Ĩ	'- 3		
Company Nam	e: Talon/LPE		-		and the light to the latest of	BILL TO									ANALYSIS REQUEST									
Project Manager: pike Stubblefield					P.O. #:																			
Address: 408 Last Toxac Ruc.					Company: Talo, ILPE					ĺ	ĺ				Ĭ	1								
City:	Arleria State: NM Zip: 88710					Attn:				Į									' I					
Phone #:	525-441-2254 Fax#:					Address:																		
Project #:						City:						:												
Project Name:	Codar lake SWD u	nloading sta	Tion	<u> </u>		St	ate:	z	Zip:	-			ł		İ				ĺ					
Project Location	on: see. 29-T195:R	218				Ph	one #:																	
Sampler Name	: mies 5 Littleful	1		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Fax #:											l							
FOR LAB USE ONLY			٠.		MATRIX		PRESERV	4-	SAMPLI	/IG														
Lab I.D. 1-1202374	Sample I.	D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER:	ACID/BASE: ICE / COOL OTHER:		DATE	TIME	HOT MS108	80218 2012	Total cheorides											
71	5.8		5		/	Ĺ			1/22/15															
77	5-9		S.						1/25/12			/_	/											
13	5.10		ي.			<u> </u>	< -	_	1/22/12	2:45P		/_	/						ļ					
					- : :			-																
<u>-</u>	·					:	i	1-										·						
i	,								•								• •			-				
								╀		-														
analyses. All claims inclu- service. In no event shall	and Damages, Cardinal's liability and sher ding those for negligence and any other or Cardinal be liable for incidental or conseq sing out of or related to the performance of	ause whatsoever shall be d wental damages, including	cemed without	l wawe t Fraita	d unless made in witing and tion, business interreptions.	i rece loss a	jved by Cardinal Huse or loss of p	w.th profit	un 30 days after its incurred by cli	completion of the	re applican ries.	le		L		<u></u>	del vel dille _{en} e	!		l 1.		l		
Relinquished E	Ву:	Date: 9 28 20 Z Times S	Red	ceiv	ed-By		- Alexander			Phone Res Fax Resul REMARKS	sult: t:	□ Yes □ Yes		No No		Phone i Fax #:	¥:			LST CALLED ST				
		11 26/17 Time 2:00	_Red	ceiv	ed By:	1	MDO	رسالي																
Delivered By	y: (Circle One)		U		Sample Condit		CHEC!		D BY:															
Sampler - UPS - Bus - Other:					3	l 21	1	X																

APPENDIX II EMAIL CORRESPONDENCE

Kimberly M. Wilson

From:

David Adkins

Sent:

Wednesday, October 31, 2012 10:36 AM

To:

Kimberly M. Wilson

Subject:

FW: Cedar Lake Disposal Facility

Chloride readings below. No comments or objections received from BLM or OCD.

David J. Adkins

District Manager
Talon/LPE
408 West Texas Avenue
Artesia, New Mexico 88210
(575) 746.8768 phone
(575) 746.8905 fax
(575) 441.4835 cell

Email: dadkins@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

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

From: David Adkins

Sent: Thursday, October 25, 2012 2:28 PM

To: 'Amos, James A'

Cc: Bratcher, Mike, EMNRD; 'james campanella' **Subject:** RE: Cedar Lake Disposal Facility

Gentlemen,

I wanted to let you know that we have collected seven (7) samples from the bottom of the tank battery. The field titration results for total chlorides are as follows:

567, 284, 141, 354, 141, 1063, and 141 mg/kg respectively. We will present these sample locations and a revised site plan in our closure report.

Mr. Campanella of Judah Oil informs me that he will begin backfilling the excavation and facility reconstruction activities on Monday, October 29. Please let me know if you have any questions or require anything further. Thank you.

Respectfully,

David J. Adkins
District Manager
Talon/LPE
408 West Texas Avenue
Artesia, New Mexico 88210
(575) 746.8768 phone
(575) 746.8905 fax
(575) 441.4835 cell

Email: dadkins@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

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

From: Amos, James A [mailto:jamos@blm.gov] Sent: Thursday, October 25, 2012 6:46 AM

To: David Adkins

Subject: RE: Cedar Lake Disposal Facility

David I will be OK with this. I would like notification prior to backfill. thanks

From: David Adkins [mailto:dadkins@talonlpe.com]
Sent: Wednesday, October 24, 2012 4:54 PM

To: Amos, James A

Subject: FW: Cedar Lake Disposal Facility

Hello Mr. Amos.

Below please find my email trial with OCD re excavation closure at this facility. We're trying to get out of the way of Judah Oil's facility rebuild at this location and are asking permission to close the excavation. OCD's response was to take some field titration readings and if acceptable, it is ok to complete remediation activities. I wanted to make sure you were good with that and give you a chance to respond as well. Thank you for your time.

Respectfully,

David J. Adkins
District Manager
Talon/LPE
408 West Texas Avenue
Artesia, New Mexico 88210
(575) 746.8768 phone
(575) 746.8905 fax

(575) 441.4835 cell

Email: dadkins@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

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]

Sent: Wednesday, October 24, 2012 4:08 PM

To: David Adkins

Subject: RE: Cedar Lake Disposal Facility

David,

I would OK with running some field screens in the area of BH-1. The elevated chloride levels were at the 4' interval, which is what was excavated. (The next sample interval was 6', so we know it cleaned up somewhere between 4'-6') If the field tests look OK, we will go with that. If not, you may just have to remove a little more material. You should also check with Jim Amos (BLM). He may want standard confirmation sample data from the lab for closure.

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: David Adkins [mailto:dadkins@talonlpe.com]

Sent: Wednesday, October 24, 2012 3:22 PM

To: Bratcher, Mike, EMNRD

Subject: Cedar Lake Disposal Facility

Hello Mr. Bratcher,

I wanted to follow up with you briefly on this project. We are completing the haul off and disposal of the material inside the tank battery per our work plan with you today. The reason that I'm writing is that I would like permission to not take confirmation samples at this location. As I look at the lab data, the excavated areas of 4-feet and 2-feet deep match up well with the soil analytical data presented in the work plan. Additionally, Judah Oil is installing a liner within the tank battery anyway and has an extremely tight time line for their liner install, delivery of their storage tanks, construction

work, etc. Our client would like to get us out of there and proceed with the rebuild of this facility ASAP. Water table in the vicinity appears to be 325-feet below land surface per the trend map.

On behalf of Judah Oil, we thank you for your consideration in this matter.

Respectfully,

David J. Adkins

District Manager Talon/LPE 408 West Texas Avenue Artesia, New Mexico 88210 (575) 746.8768 phone (575) 746.8905 fax (575) 441.4835 cell

Email: dadkins@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

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error please notify the system manager. This message contains confidential information and is intended only for the individual named. If you are not the named addressee you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. If you are not the intended recipient you are notified that disclosing, copying, distributing or taking any action in reliance on the contents of this information is strictly prohibited.

FINAL C-141