

April 03, 2017

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: POKER LAKE UNIT 36

Enclosed are the results of analyses for samples received by the laboratory on 03/24/17 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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 <a href="https://www.tceq.texas.gov/field/qa/lab">www.tceq.texas.gov/field/qa/lab</a> accred certif.html.

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Received:

03/24/2017

Reported:

04/03/2017

Project Name:

POKER LAKE UNIT 36

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

03/23/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

# Sample ID: S-1 0' (H700789-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2017	ND	1.88	93.8	2.00	0.209	
Toluene*	0.145	0.050	03/28/2017	ND	1.82	90.8	2.00	0.238	
Ethylbenzene*	0.060	0.050	03/28/2017	ND	1.83	91.6	2.00	0.142	
Total Xylenes*	0.322	0.150	03/28/2017	ND	5.26	87.7	6.00	0.0853	
Total BTEX	0.527	0.300	03/28/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.79	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7000	16.0	03/27/2017	ND	432	108	400	0.00	
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	03/28/2017	ND	184	92.0	200	2.70	
DRO >C10-C28	9350	100	03/28/2017	ND	193	96.5	200	2.06	
Surrogate: 1-Chlorooctane	77.2 9	6 25.1-15	8						
Surrogate: 1-Chlorooctadecane	2149	6 26.8-17	0						

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\*=Accredited Analyte

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

Received:

03/24/2017

Reported:

04/03/2017

Project Name:

POKER LAKE UNIT 36

Project Number:

NONE GIVEN

Sampling Type: Sampling Condition:

Sampling Date:

03/23/2017

Soil

Cool & Intact Tamara Oldaker

Sample Received By:

Project Location:

NOT GIVEN

Sample ID: S-1 1' (H700789-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/28/2017	ND	1.88	93.8	2.00	0.209	
Toluene*	<0.050	0.050	03/28/2017	ND	1.82	90.8	2.00	0.238	
Ethylbenzene*	<0.050	0.050	03/28/2017	ND	1.83	91.6	2.00	0.142	
Total Xylenes*	<0.150	0.150	03/28/2017	ND	5.26	87.7	6,00	0.0853	
Total BTEX	<0.300	0.300	03/28/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.7 9	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	03/28/2017	ND	432	108	400	10.5	QM-07
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	03/28/2017	ND	184	92.0	200	2.70	
DRO >C10-C28	11.0	10.0	03/28/2017	ND	193	96.5	200	2.06	
Surrogate: 1-Chlorooctane	95.1 9	% 25.1-15	8						
Surrogate: 1-Chlorooctadecane	101 %	6 26.8-17	0						

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Celeg D. Keene



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408 W. TEXAS AVE.
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Fax To: (575) 745-8905

Received:

03/24/2017

Reported:

04/03/2017

Project Name:

POKER LAKE UNIT 36

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

03/23/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

# Sample ID: S-1 2' (H700789-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/29/2017	ND	1.77	88.5	2.00	1.48	
Toluene*	<0.050	0.050	03/29/2017	ND	1.72	85.8	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/29/2017	ND	1.74	87.2	2.00	2.13	
Total Xylenes*	<0.150	0.150	03/29/2017	ND	5.00	83.3	6.00	1.90	
Total BTEX	<0.300	0.300	03/29/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.25	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	03/28/2017	ND	432	108	400	10.5	
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	03/28/2017	ND	184	92,0	200	2.70	
DRO >C10-C28	<10.0	10.0	03/28/2017	ND	193	96.5	200	2.06	
Surrogate: 1-Chlorooctane	91.1 9	% 25.1-15	8						
Surrogate: 1-Chlorooctadecane	92.9	% 26.8-17	0						

### Sample ID: S-1 3' (H700789-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	03/29/2017	ND	432	108	400	3.64	

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Received:

03/24/2017

04/03/2017

Reported: Project Name:

POKER LAKE UNIT 36

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

03/23/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

# Sample ID: S-1 4' REFUSAL (H700789-05)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	03/30/2017	ND	416	104	400	0.00	
Sample ID: S-2 0' (H70078	39-06)								

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/29/2017	ND	1.77	88.5	2.00	1.48	
Toluene*	0.064	0.050	03/29/2017	ND	1.72	85.8	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/29/2017	ND	1.74	87.2	2.00	2.13	
Total Xylenes*	<0.150	0.150	03/29/2017	ND	5.00	83.3	6.00	1.90	
Total BTEX	<0,300	0.300	03/29/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID	96.9	% 72-148	}						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	03/28/2017	ND	432	108	400	10.5	
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	03/28/2017	ND	184	92.0	200	2.70	
DRO >C10-C28	1680	100	03/28/2017	ND	193	96.5	200	2.06	
Surrogate: 1-Chlorooctane	53.9	% 25.1-15	8						

Surrogate: 1-Chlorooctadecane

195 %

26.8-170

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

Received: Reported: 03/24/2017

03

04/03/2017

Project Name:

POKER LAKE UNIT 36

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

03/23/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

# Sample ID: S-2 1' (H700789-07)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/29/2017	ND	1.77	88.5	2.00	1.48	
Toluene*	<0.050	0.050	03/29/2017	ND	1.72	85.8	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/29/2017	ND	1.74	87.2	2.00	2.13	
Total Xylenes*	<0.150	0.150	03/29/2017	ND	5.00	83.3	6.00	1.90	
Total BTEX	<0.300	0.300	03/29/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.79	% 72-148	1						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5400	16.0	03/28/2017	ND	432	108	400	10.5	
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	03/28/2017	ND	184	92.0	200	2.70	
DRO >C10-C28	<10.0	10.0	03/28/2017	ND	193	96.5	200	2.06	
Surrogate: 1-Chlorooctane	101 %	6 25.1-15	8						*
Surrogate: 1-Chlorooctadecane	100 %	6 26.8-17	0						

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Celey & Keine



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

Received:

03/24/2017

Reported:

04/03/2017

Project Name:

POKER LAKE UNIT 36

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

03/23/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

# Sample ID: S-2 2' (H700789-08)

BTEX 8021B	mg/	'kg	Analyze	d By: MS				·	manning of the second
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/29/2017	ND	1.77	88.5	2.00	1.48	
Toluene*	<0.050	0.050	03/29/2017	ND	1.72	85.8	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/29/2017	ND	1.74	87.2	2.00	2.13	
Total Xylenes*	<0.150	0.150	03/29/2017	ND	5.00	83.3	6.00	1.90	
Total BTEX	<0.300	0.300	03/29/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.0	% 72-148							
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	03/28/2017	ND	432	108	400	10.5	
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	03/28/2017	ND	184	92.0	200	2.70	
	<10.0 <10.0	10.0 10.0	03/28/2017 03/28/2017	ND ND	184 193	92.0 96.5	200 200	2.70 2.06	
GRO C6-C10  DRO >C10-C28		10.0	03/28/2017						

# Sample ID: S-2 3' REFUSAL (H700789-09)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: HM	,				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11600	16.0	03/29/2017	ND	432	108	400	3.64	

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

Fax To:

(575) 745-8905

Received:

03/24/2017

Reported:

04/03/2017

Project Name:

POKER LAKE UNIT 36

Project Number:

NONE GIVEN

Sampling Date:

03/23/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By: Tamara Oldaker

Project Location:

**NOT GIVEN** 

# Sample ID: S-3 0' (H700789-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS		THE ART AND ADDRESS OF THE ART AND ADDRESS OF THE ART AND ADDRESS OF THE ART ADDRESS OF T			······································
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	03/29/2017	ND	1.77	88.5	2.00	1.48	
Toluene*	<0.050	0.050	03/29/2017	ND	1.72	85.8	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/29/2017	ND	1.74	87.2	2.00	2.13	
Total Xylenes*	<0.150	0.150	03/29/2017	ND	5.00	83.3	6.00	1.90	
Total BTEX	<0.300	0.300	03/29/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.8 5	% 72-148	•						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16800	16.0	03/28/2017	ND	432	108	400	10.5	
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	03/28/2017	ND	193	96.7	200	0.392	
DRO >C10-C28	121	10.0	03/28/2017	ND	206	103	200	0.956	QM-07
Surrogate: 1-Chlorooctane	81.75	% 25.1-15	8						
Surrogate: 1-Chlorooctadecane	93.1	% 26.8-17	0						

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Celeg D. Kreene



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Fax To: (575) 745-8905

Received:

03/24/2017

Reported:

04/03/2017

Project Name:

POKER LAKE UNIT 36

Project Number: Project Location:

NONE GIVEN

NOT GIVEN

Sampling Date:

03/23/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-3 1' (H700789-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/29/2017	ND	1.77	88.5	2.00	1.48	
Toluene*	<0.050	0.050	03/29/2017	ND	1.72	85.8	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/29/2017	ND	1.74	87.2	2.00	2.13	
Total Xylenes*	<0.150	0.150	03/29/2017	ND	5.00	83.3	6.00	1.90	
Total BTEX	<0.300	0.300	03/29/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.3	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5060	16.0	03/28/2017	ND	432	108	400	10.5	
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	03/28/2017	ND	193	96.7	200	0.392	
DRO >C10-C28	<10.0	10.0	03/28/2017	ND	206	103	200	0.956	
Surrogate: 1-Chlorooctane	91.4	% 25.1-15	8						
Surrogate: 1-Chlorooctadecane	91.7	26.8-17	0						

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\*=Accredited Analyte

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

Received:

03/24/2017

Reported:

04/03/2017

Project Name: Project Number: POKER LAKE UNIT 36

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

03/23/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-3 2' (H700789-12)

BTEX 8021B	mg/	kg	Analyze	d By: MS				F-11-11-1-11-1-1-1-1-1-1-1-1-1-1-1-1-1-	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/29/2017	ND	1.77	88.5	2.00	1.48	
Toluene*	<0.050	0.050	03/29/2017	ND	1.72	85.8	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/29/2017	ND	1.74	87.2	2.00	2.13	
Total Xylenes*	<0.150	0.150	03/29/2017	ND	5.00	83.3	6.00	1.90	
Total BTEX	<0.300	0.300	03/29/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	96.7 %	6 72-148							
Chloride, SM4500Cl-B	mg/l	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	03/28/2017	ND	432	108	400	10.5	
TPH 8015M	mg/l	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	03/28/2017	ND	193	96.7	200	0.392	
DRO >C10-C28	<10.0	10.0	03/28/2017	ND	206	103	200	0.956	
Surrogate: 1-Chlorooctane	85.9 %	6 25.1-15	8						
Surrogate: 1-Chlorooctadecane	90.4 %	6 26.8-17	0						

# Sample ID: S-3 3' REFUSAL (H700789-13)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10600	16.0	03/29/2017	ND	432	108	400	3.64	

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\*=Accredited Analyte

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Celey D. Kune



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

Fax To:

(575) 745-8905

Received: Reported: 03/24/2017

04/03/2017

Project Name:

POKER LAKE UNIT 36

Project Number: Project Location:

NONE GIVEN

NOT GIVEN

Sampling Date:

03/23/2017

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Tamara Oldaker

Sample ID: S-4 0' (H700789-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS	-				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/29/2017	ND	1.77	88.5	2.00	1.48	
Toluene*	<0.050	0.050	03/29/2017	ND	1.72	85.8	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/29/2017	ND	1.74	87.2	2.00	2,13	
Total Xylenes*	<0.150	0.150	03/29/2017	ND	5.00	83.3	6.00	1.90	
Total BTEX	<0.300	0.300	03/29/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	98.0 9	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/28/2017	ND	432	108	400	10.5	
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	03/28/2017	ND	193	96.7	200	0.392	
DRO >C10-C28	48.2	10.0	03/28/2017	ND	206	103	200	0.956	
Surrogate: 1-Chlorooctane	88.8 9	% 25.1-15	8						
Surrogate: 1-Chlorooctadecane	95.0 9	6 26.8-17	0						

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\*=Accredited Analyte

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Celey D. Kune



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

Received:

03/24/2017

Reported:

04/03/2017

Project Name:

POKER LAKE UNIT 36

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

03/23/2017

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Tamara Oldaker

# Sample ID: S-4 1' (H700789-15)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/29/2017	ND	1.77	88.5	2.00	1.48	
Toluene*	<0.050	0.050	03/29/2017	ND	1.72	85.8	2.00	1.02	
Ethylbenzene*	<0.050	0.050	03/29/2017	ND	1.74	87.2	2.00	2,13	
Total Xylenes*	<0.150	0.150	03/29/2017	ND	5.00	83.3	6.00	1.90	
Total BTEX	<0.300	0.300	03/29/2017	ND					
Surrogate: 4-Bromofluorobenzene (PIL	97.0 9	% 72-148							
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	03/28/2017	ND	432	108	400	10.5	
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	03/28/2017	ND	193	96.7	200	0.392	
DRO >C10-C28	<10.0	10.0	03/28/2017	ND	206	103	200	0.956	
Surrogate: 1-Chlorooctane	80.85	% 25.1-15	8						***************************************
Surrogate: 1-Chlorooctadecane	86.0 9	% 26.8-17	0						

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### **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,

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476 Company Name: Talon/LPE

District Manager O No.			ANALYSIS REQUEST
		P.O. #:	
Address: 408 W. Texas Ave	(P. )	Company: Talon/I PF	
City: Artesia	State: NM Zip: 88210	- 1	
Phone #: 575-746-8768	Fax #: 575-746-8905	Address:	
Project #:	Project Owner:		
Project Name: Poker Lake		State: 7in.	
Project Location:		Dran #	
Sampler Name: D. A. A. C.		Tiolie #:	
7		Fax #:	
CA CA CAR CAR	MATRIX	PRESERV. SAMPLING	3
Lab I.D. Sample I.D.	OR (C)OMP AINERS DWATER WATER	SE: OL	t Ex oride
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8 5-22	<u>۵</u>	71.11	
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who in no event shall Cardinal be liable for incidental or con finishes or successors arising out of or related to the performan	service. In no event shall Cardinal but in purpose and any other Catas whatlatower shall be deemed when white on these made in waiting and received by Cardinal within 30 days after completion of the applicable infiliation. In the control of successors arising out of or related to the performance of services have under the control of the performance of services have under the control of the performance of services have under the control of the performance of services have under the control of the performance of services have under the control of the performance of services have under the control of the performance of services have under the control of the performance of services have under the control of the performance of services have under the performance of services have under the performance of services have the control of the performance of the performance have the services have the control of the performance have the pe	received by Cardinal within 30 days after completion of the bas of use, or bas of profits incurred by client, its subsidiari tassed upon any of the above stated received.	e applicable
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Relinguished By:	Time:	REMARKS:	Lies

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

Stop ci if 5 250 mg/10



# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: Talon/LPE	: Talon/LPE			And the control of th				
Project Manager:			P.O. #:	And the second section of the section of the second section of the section of the second section of the se		ANALYSIS REQUEST	XEQUES!	
Address: 408	Address: 408 W. Texas Ave.		Company: Talon/I DE	2/1 DF				
city: Artesia		State: NM Zip: 88210	Attn:					
Phone #: 575-746-8768		Fax #: 575-746-8905	Address:					
Project #:	-0	Project Owner: Nall crick	City:					
Project Name: Poker	Lake a	+ 36	State: 7in.					
Project Location:			•					
Sampler Name: [	D. Adrius		# 48 H					
FOR LAB USE ONLY		MATRIX	PRESERV	SAMPI ING	<u> </u>			
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ib D	Sample I.D.	AB OR (C NTAINER UNDWAT TEWATER	R: BASE: COOL		PH FEX Weri			
H180784		# CC	ICE / OTH	DATE TIME				
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FASS NOTE: LINE								
ASE NOTE: Liablity and I yees. All claims including I	Damages. Cardinal's liability and clent's ex those for negligence and any other cause v	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remety for any claim areany whether based in contract or tort, shall be limited to the amount paid by the client for the annual paid by the client for the annual paid in writing and received by Cardinal within 30 days after completion of the profession in no east half or cardinal within 30 days after completion of the profession.	tract or fort, shall be limited to the ann	ount paid by the client for the				

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

Relinquished By:

Date: 3-4-17 Time: 20

Received By:

mara L

5+08 CT if 5 250 mg/kg

Time:

by client, as subsidiarie

☐ Yes

□ No Add'i Phone #:
□ No Add'i Fax #: