

Bratcher, Mike, EMNRD

From: David Adkins <dadkins@talonlpe.com>
Sent: Thursday, October 26, 2017 10:23 AM
To: Bratcher, Mike, EMNRD
Cc: Emily Sirgo; Kimberly M. Wilson
Subject: Work Plan, Maverick Operating, Poker lake Unit 36
Attachments: 20171026100550638.pdf

Mr. Bratcher,

Attached please find our proposed work plan for the above referenced facility. Thank you for taking my call today. Please let us know your thoughts on this when you get a chance to review.

Respectfully,

David J. Adkins
District Manager Artesia
Office: 575.746.8768
Direct: 575.616.4022
Cell: 575.441.4835
Fax: 575.746.8905
Emergency: 866.742.0742
Web: www.talonlpe.com



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Work Plan

Maverick Operating, LLC: Poker Lake Unit #036
|30-15-10859|2RP-4136|

September 8, 2017

Prepared By:

TALON/LPE
408 W. Texas Avenue
Artesia, New Mexico 88210

Prepared For:

Maverick Operating, LLC
1004 N. Big Spring St. Ste. 121
Midland, TX 79701

Ms. Emily Sirgo
Maverick Operating, LLC
1004 N. Big Spring St. Ste. 121
Midland, TX 79701

Subject: **Soil Assessment and Remediation Work Plan**
Maverick Operating, LLC
Poker Lake Unit #36
|30-015-10859|2RP-4136|

Dear Ms. Sirgo

Maverick Operating, LLC (Maverick) has contracted Talon/LPE (Talon) to perform soil sampling and remediation services at the above referenced location. The results of our soil assessment and proposed remediation activities consist of the following.

Site Information

The Maverick Poker Lake Unit #36 is located approximately forty (40) miles southeast of Carlsbad, New Mexico. The legal location for this facility is Unit Letter P, Section 28, Township 25S South and Range 31 East in Eddy County, New Mexico. More specifically the latitude and longitude are 32.1828346 North and -103.7763062 West. A site plan is presented in [Appendix I](#).

According to the soil survey provided by the United States Department of Agriculture Natural Resources Conservation Service, the soil in this area is made up of Berino complex with 0 to 3 percent slopes. Drainage courses in this area are normally dry.

Ground Water and Site Ranking

According to the New Mexico Office of the State Engineer database, the ground water in this area is approximately 390-feet below ground surface (BGS). The referenced ground water data is presented in [Appendix II](#). Therefore the ranking for this site is a **0** based on the following:

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

Based upon the site ranking of **0**, NMOCD Recommended Remedial Action Levels (RRAL's) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, 5,000 mg/kg for TPH and the recommended guideline for Total Chlorides is 1,000 mg/kg.

Incident Description

A pump issue caused a tank overflow which resulted in the loss of approximately 40bbls of produced water. A vacuum truck was utilized to recover standing fluid. Approximately 32bbls of produced water were recovered.

Talon was contracted to perform a site assessment within the impacted battery utilizing a hand auger. Upon receipt of analytical results from the hand auger sampling it was determined that further vertical delineation would be required. A backhoe was mobilized to the site and was also unable to achieve vertical delineation based on NMOCD guidelines. After a site meeting with NMOCD on June 24, 2017 it was decided that the best course of action would be to utilize an air rotary drilling rig to advance a soil boring between sample locations S-2 and S-3 as this was the “worst case location” without any infrastructure preventing equipment access. The results of our soil sampling activities are summarized in the tables below.

Laboratory Results

See [Appendix IV](#) for complete report of laboratory results.

Hand Auger Sampling

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0	0.527	7000	<100	9350
S-1	1	<03.00	2000	<10.0	11.0
S-1	2		496		
S-1	3	--	2520	--	--
S-1 Refusal	4	--	8200	--	--
S-2	0	<0.300	12000	<100	1680
S-2	1	<0.300	5400	<10.0	<10.0
S-2	2	<0.300	82000	<10.0	<10.0
S-2 Refusal	3	--	11600	--	--
S-3	0	<0.300	16800	<10.0	121
S-3	1	<0.300	5060	<10.0	<10.0
S-3	2	<0.300	12800		
S-3 Refusal	3	--	10600	--	--
S-4	0	<0.300	208	<10.0	48.2
S-4	1	<0.300	112	<10.0	<10.0

Soil Boring

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
B-1	5	--	5120	--	--
B-1	10	--	2800	--	--
B-1	15	--	1010	--	--
B-1	20	--	912	--	--
B-1	25	--	800	--	--
B-1	30	--	1170	--	--
B-1	35	--	1100	--	--
B-1	40	--	768	--	--
B-1	45	--	960	--	--
B-1	50	--	1480	--	--
B-1	55	--	1090	--	--
B-1	60	--	880	--	--
B-1	65	--	16	--	--

(--) Analyte Not Tested

(ND) Analyte Not Detected

Based upon the site ranking of 0, NMOCD Recommended Remedial Action Levels (RRAL) are 50 mg/kg for BTEX, 10 mg/kg for Benzene, 5,000 mg/kg for TPH and the recommended guideline for Total Chlorides is 650 mg/kg

Proposed Remedial Actions


- The impacted area on the south side of the battery in the vicinity of sample locations S-2 and S-3 will be excavated to a depth of 4-feet BGS.
- A 20-mil liner will be installed at the bottom of the excavation to encapsulate the remaining chloride impacts.
- The impacted area around the tanks in the vicinity of sample location S-1 will be excavated to the maximum extent feasible without threatening the structural integrity of the tanks. A minimum of 1-foot of soil will be removed from this area to address the TPH issues above RRAL's.
- The excavation will be backfilled with clean caliche and contoured to match the surrounding location.

Should you have any questions or if further information is required, please do not hesitate to contact our office at (575)-746-8768

Respectfully submitted,

TALON/LPE


Sheldon L. Hitchcock
Project Manager


David J. Adkins
District Manager

Attachments

Appendix I Site Plan
Appendix II Groundwater Data
Appendix III Initial C-141
Appendix IV Laboratory Results

APPENDIX I

SITE PLAN



APPENDIX II

GROUNDWATER DATA



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(R=POD has
been replaced,
O=orphaned,
C=the file is
closed)

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	POD Sub-Code	basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
C 02250			ED	3	1	4	21	25S	31E	614912	3553620*	1983	400	390	10

Average Depth to Water: 390 feet

Minimum Depth: 390 feet

Maximum Depth: 390 feet

Record Count: 1

Basin/County Search:

County: Eddy

UTMNAD83 Radius Search (in meters):

Easting (X): 615429

Northing (Y): 3551705

Radius: 2000

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

APPENDIX III

INITIAL C-141

Received 3/6/2017

NMOCD Dist 2

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

NAB1706936784

OPERATOR

☒ Initial Report ☒ Final Report

Name of Company	Maverick Operating, LLC	Contact	Emily Sirgo	ACCEPTED AS INITIAL REPORT
Address	1004 N Big Spring Street, Suite 121, Midland, TX, 79701	Telephone No.	432-682-2500	
Facility Name	Poker Lake Unit #38	Facility Type	Injection Battery	

Surface Owner	Federal	Mineral Owner	Federal	API No.	300151085900
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LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	28	24S	31E	660	South	660	East	Eddy

Latitude 32.182750 Longitude -103.775710

NATURE OF RELEASE

Type of Release	Salt Water	Volume of Release	40	Volume Recovered	32
Source of Release	Water Tank	Date and Hour of Occurrence		Date and Hour of Discovery	2/28/2017 PM
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Operator and Mike Bratcher		
By Whom?		Date and Hour	2/28/2017 PM		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

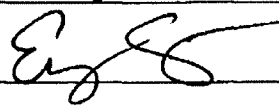
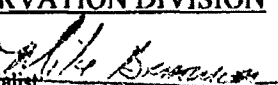
Head switch at disposal pump hung and pumped water tanks empty. Pump then became air locked/stuck and ran tanks over as a result. Called out vacuum truck upon notice of spill to clean up fluid and scraped dirty soil. R360 environmental solutions to haul dirty soil off.

Pump is fixed to where it is pumping fluid.

Describe Area Affected and Cleanup Action Taken.*

Area affected around tanks inside the firewall. Vacuumed up fluid, scraped dirty soil up and R360 to haul dirt. Made sure firewall was built up after cleanup.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:			OIL CONSERVATION DIVISION	
Printed Name:	Emily Sirgo	Signed By: 		Approved by Environmental Specialist:
Title:		Approval Date:	3/10/17	Expiration Date:
E-mail Address:	emily@mogo-kec.com	Conditions of Approval:		Attached <input checked="" type="checkbox"/>
Date:	3/2/2017	Phone:	4326822500	

* Attach Additional Sheets If Necessary

No need to send
our standard
COA on this
one

2RP-4136

APPENDIX IV

LABORATORY RESULTS



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

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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-1 0' (H700789-01)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIE) 96.7 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 25.1-158

Surrogate: 1-Chlorooctadecane 214 % 26.8-170

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

TALON LPE
DAVID ADKINS
408 W. TEXAS AVE.
ARTESIA NM, 88210
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-1 1' (H700789-02)

BTEX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 (PIE) 97.7 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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	

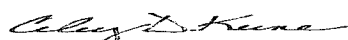
Surrogate: 1-Chlorooctane 95.1 % 25.1-158

Surrogate: 1-Chlorooctadecane 101 % 26.8-170

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Analytical Results For:

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

Received:	03/24/2017	Sampling Date:	03/23/2017
Reported:	04/03/2017	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 36	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

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

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 (PIE) 97.2 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 25.1-158

Surrogate: 1-Chlorooctadecane 92.9 % 26.8-170

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Released to Imaging: 9/17/2024 11:09:24 AM



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Analytical Results For:

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

Received:	03/24/2017	Sampling Date:	03/23/2017
Reported:	04/03/2017	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 36	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

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

Chloride, SM4500CI-B		mg/kg		Analyzed 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' (H700789-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 (PIL) 96.9 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 25.1-158

Surrogate: 1-Chlorooctadecane 195 % 26.8-170

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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-2 1' (H700789-07)

BTX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	03/29/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 97.7 % 72-148

Chloride, SM4500Cl-B			mg/kg		Analyzed 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		Analyzed 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 % 25.1-158

Surrogate: 1-Chlorooctadecane 100 % 26.8-170

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Celestine D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	03/24/2017	Sampling Date:	03/23/2017
Reported:	04/03/2017	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 36	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

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

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 81.3 % 25.1-158

Surrogate: 1-Chlorooctadecane 81.5 % 26.8-170

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

Chloride, SM4500Cl-B		mg/kg		Analyzed 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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Analytical Results For:

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

Received:	03/24/2017	Sampling Date:	03/23/2017
Reported:	04/03/2017	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 36	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

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

BTEX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 (PIE) 97.8 % 72-148

Chloride, SM4500Cl-B			mg/kg		Analyzed 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		Analyzed 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 81.7 % 25.1-158

Surrogate: 1-Chlorooctadecane 93.1 % 26.8-170

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/24/2017	Sampling Date:	03/23/2017
Reported:	04/03/2017	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 36	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

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

BTEX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 (PIE) 97.3 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 25.1-158

Surrogate: 1-Chlorooctadecane 91.7 % 26.8-170

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Analytical Results For:

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

Received:	03/24/2017	Sampling Date:	03/23/2017
Reported:	04/03/2017	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 36	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

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

BTEX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 (PIE) 96.7 % 72-148

Chloride, SM4500Cl-B			mg/kg		Analyzed 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/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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 % 25.1-158

Surrogate: 1-Chlorooctadecane 90.4 % 26.8-170

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

Chloride, SM4500Cl-B			mg/kg		Analyzed 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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Analytical Results For:

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

Received:	03/24/2017	Sampling Date:	03/23/2017
Reported:	04/03/2017	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 36	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

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

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 (PIE) 98.0 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/28/2017	ND	432	108	400	10.5	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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 % 25.1-158

Surrogate: 1-Chlorooctadecane 95.0 % 26.8-170

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Celestine D. Keene

Celestine D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/24/2017	Sampling Date:	03/23/2017
Reported:	04/03/2017	Sampling Type:	Soil
Project Name:	POKER LAKE UNIT 36	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NOT GIVEN		

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

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<0.300	0.300	03/29/2017	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 97.0 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 80.8 % 25.1-158

Surrogate: 1-Chlorooctadecane 86.0 % 26.8-170

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- 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

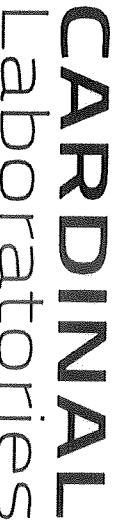
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Celey D. Keene, Lab Director/Quality Manager



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Company Name: Talon/LPE Project Manager:				BILL TO				ANALYSIS REQUEST			
Address: 408 W. Texas Ave. City: Artesia Phone #: 575-746-8768 Project #:				State: NM zip: 88210 Fax #: 575-746-8905 Project Owner: May Clinic				P.O. #: Company: Talon/LPE Attn: Address: City: State: Zip: Phone #: Fax #:			
Project Location:				Project Name: Parker Lake Unit 36							
Sampler Name: D. Adkins											
FOR LAB USE ONLY											
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :		MATRIX PRESERV SAMPLING		DATE TIME		TPH BTEX Chlorides			
H-180284		G		1		3/23/17		1:32			
11 5-31'		G		1				1:34			
12 5-32'		G		1				1:36			
13 5-33' feculental		G		1				1:40			
14 5-40'		G		1				1:42			
15 5-41'		G		1				1:44			
16 5-42'		G		1				1:44			
17 5-43' feculental		G		1				1:46			

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Relinquished By:		Date: _____ Time: _____		Received By: _____		Date: _____ Time: _____	
Relinquished By: _____		Date: _____ Time: _____		Received By: _____		Date: _____ Time: _____	

Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		Received By: _____ Date: 3-24-17 Time: 15:00		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: _____ (initials)	
---	--	---	--	---	--	--	--

5408 CI IF ≤ 250 mg/mg

Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: _____	
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #: _____	
REMARKS:			

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August 24, 2017

SHELDON HITCHCOCK

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MAVERICK POKER LAKE #36

Enclosed are the results of analyses for samples received by the laboratory on 08/18/17 16:08.

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/18/2017	Sampling Date:	08/17/2017
Reported:	08/24/2017	Sampling Type:	Soil
Project Name:	MAVERICK POKER LAKE #36	Sampling Condition:	Cool & Intact
Project Number:	70221.001.01	Sample Received By:	Tamara Oldaker
Project Location:	MAVERICK OPER. - EDDY CO NM		

Sample ID: B-1 5' (H702216-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5120	16.0	08/23/2017	ND	416	104	400	7.41	

Sample ID: B-1 10' (H702216-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	08/23/2017	ND	416	104	400	7.41	

Sample ID: B-1 15' (H702216-03)

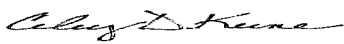
Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1010	16.0	08/23/2017	ND	416	104	400	7.41	

Sample ID: B-1 20' (H702216-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	08/23/2017	ND	432	108	400	0.00	

Cardinal Laboratories *—Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Page 31 of 66

Received by OCD: 9/17/2024 11:05:27 AM

Released to Imaging: 9/17/2024 11:09:24 AM



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

Analytical Results For:

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

Received:	08/18/2017	Sampling Date:	08/17/2017
Reported:	08/24/2017	Sampling Type:	Soil
Project Name:	MAVERICK POKER LAKE #36	Sampling Condition:	Cool & Intact
Project Number:	70221.001.01	Sample Received By:	Tamara Oldaker
Project Location:	MAVERICK OPER. - EDDY CO NM		

Sample ID: B-1 25' (H702216-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	08/23/2017	ND	432	108	400	0.00	QM-07

Sample ID: B-1 30' (H702216-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	08/23/2017	ND	432	108	400	0.00	

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 D. Keene, Lab Director/Quality Manager



Notes and Definitions

- 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

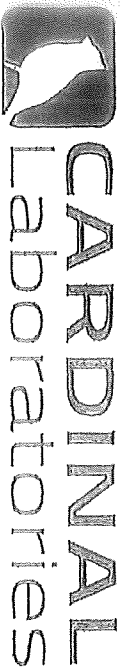
Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Mariand, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2475

Company Name: Talon/LPE		P.O. #: 70221.001.01													
Project Manager: Sheldon Hatcher		Company: Talon/LPE													
Address: 408 W. Texas Ave.		Attn: D. Adkins													
City: Artesia		State: NM Zip: 88210													
Phone #: 575-746-8768		Fax #: 575-746-8905													
Project #: 70221.001.01		Project Owner: Mawick Oper.													
Project Name: Mawick Poles Lake # 36		City: State: Zip:													
Project Location: Eddy County, NM		Phone #: Fax #:													
Sample Name: D-ADKINS		Matrix: PRESERV. SAMPLING													
FOR LAB USE ONLY		ANALYSIS REQUEST													
Lab ID.	Sample ID.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE/COOL	OTHER:	DATE	TIME	CHLORIDES
H702216	B-1 5'	5	1										8/17/17	1030	
1	B-1 10'													1040	
2	B-1 15'													1050	
3	B-1 20'													1100	
4	B-1 25'													1110	
5	B-1 30'													1120	
PLEASE NOTE: Liability and Damages, Cardinal's liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other claims whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 90 days after completion of the applicable service. In the event that Cardinal be liable for accidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated causes of damages.															
Relinquished By:	Date: 8/18/17	Received By:	Date: 8/18/17	Time: 4:08	Time: 4:08	Sample Condition	Checked By:	Phone Result:	Fax Result:	Yes	No	Adel Phone #:	Adel Fax #:		
Relinquished By:		Received By:				Sample Condition	Checked By:	Phone Result:	Fax Result:	Yes	No	Adel Phone #:	Adel Fax #:		
Delivered By: (Circle One)	0.92	Sample Condition	Checked By:	Phone Result:	Fax Result:	Yes	No	Adel Phone #:	Adel Fax #:	Yes	No	Adel Phone #:	Adel Fax #:		
Sampler - UPS - Bus - Other:	0.92	Sample Condition	Checked By:	Phone Result:	Fax Result:	Yes	No	Adel Phone #:	Adel Fax #:	Yes	No	Adel Phone #:	Adel Fax #:		

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



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

September 05, 2017

DAVID ADKINS

TALON LPE

408 W. TEXAS AVE.

ARTESIA, NM 88210

RE: MAVERICK POKER LAKE #36

Enclosed are the results of analyses for samples received by the laboratory on 08/28/17 16:20.

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 www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/28/2017	Sampling Date:	08/17/2017
Reported:	09/05/2017	Sampling Type:	Soil
Project Name:	MAVERICK POKER LAKE #36	Sampling Condition:	** (See Notes)
Project Number:	70221.001.01	Sample Received By:	Tamara Oldaker
Project Location:	MAVERICK OPER. - EDDY CO NM		

Sample ID: B-1 35' (H702276-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	08/31/2017	ND	432	108	400	0.00	

Sample ID: B-1 40' (H702276-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	08/31/2017	ND	416	104	400	3.77	

Sample ID: B-1 45' (H702276-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	08/31/2017	ND	416	104	400	3.77	

Sample ID: B-1 50' (H702276-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1480	16.0	08/31/2017	ND	416	104	400	3.77	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	08/28/2017	Sampling Date:	08/17/2017
Reported:	09/05/2017	Sampling Type:	Soil
Project Name:	MAVERICK POKER LAKE #36	Sampling Condition:	** (See Notes)
Project Number:	70221.001.01	Sample Received By:	Tamara Oldaker
Project Location:	MAVERICK OPER. - EDDY CO NM		

Sample ID: B-1 55' (H702276-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	08/31/2017	ND	416	104	400	3.77	

Sample ID: B-1 60' (H702276-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	08/31/2017	ND	416	104	400	3.77	

Sample ID: B-1 65' (H702276-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/31/2017	ND	416	104	400	3.77	

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

- 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

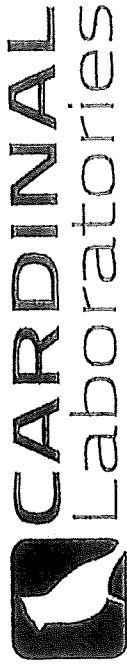
Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ANALYSIS REQUEST	
Company Name: Talon/LPE Project Manager: S. H. H. cock Address: 408 W. Texas Ave. City: Artesia Phone #: 575-746-8768 Project #: 70221-00.01 Project Name: Maverick Parker Lake # 36 Project Location: Eddy Co., NM Sampler Name: D. ADIKINS	P.O. #: Company: Talon/LPE Attn: Address: City: State: Zip: Phone #: Fax #:
FOR LAB USE ONLY	BIOLITO
Lab I.D.	Sample I.D.
1 B-1 35' 2 B-1 40' 3 B-1 45' 4 B-1 50' 5 B-1 55' 6 B-1 60' 7 B-1 65'	8/17/17 1 1 1 1 1 1 1
MATRIX	PRESERV
GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE ICE/COOL OTHER:
# CONTAINERS	DATE
(G) RAB OR (C) OMP.	TIME
RELINQUISHED BY:	RECEIVED BY:
Date: 8/28/17 Time: 1:00 PM Relinquished By: David M. Myers	Date: 8/28/17 Time: 4:20 Received By: Aurora
DELIVERED BY:	CHECKED BY:
Date: 8/28/17 Time: 4:20 Delivered By: (Circle One) David M. Myers	Date: 8/28/17 Time: 4:20 Checked By: Aurora
SAMPLER - UPS - BUS - OTHER:	REMARKS:
Relinquished By:	Phone Result:
Relinquished By:	Fax Result:
Relinquished By:	Add'l Phone #:
Relinquished By:	Add'l Fax #:

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

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Thursday, November 2, 2017 7:42 AM
To: David Adkins
Cc: Emily Sirgo; Kimberly M. Wilson; Tucker, Shelly
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

RE: Maverick Operating * Poker Lake Ut 36 * **2RP-4136** * DOR: Discovered 2/26/17 (and historical)

David,

Your proposal for remediation at the above referenced site is approved with the following:

- Excavated material is to be hauled to an OCD approved disposal facility.
- Liner placement must be a minimum of 4' bgs. This liner installation will not make the area be considered a "lined containment".
- Excavation of as much impacted material as possible and practicable in areas around production equipment.
- Since some areas in the battery are not accessible for testing or clean up, and were visually identified by OCD personnel as having been impacted by fluid release/releases, after the proposed work has been completed, and closure documentation submitted, OCD will place the site on "deferment", to address remaining impact at a time when the area is accessible.
- Proposal will require like approval from BLM.
- Please advise once remedial activities have been scheduled.

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

Thank you,

Mike Bratcher
NMOCD District 2
811 South First Street
Artesia, NM 88210
575-748-1283 Ext 108

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

From: David Adkins [mailto:dadkins@talonlpe.com]
Sent: Thursday, October 26, 2017 10:23 AM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Emily Sirgo <emily@mogc-kec.com>; Kimberly M. Wilson <kwilson@talonlpe.com>
Subject: Work Plan, Maverick Operating, Poker lake Unit 36

Mr. Bratcher,

Attached please find our proposed work plan for the above referenced facility. Thank you for taking my call today. Please let us know your thoughts on this when you get a chance to review.

Respectfully,

David J. Adkins

District Manager Artesia

Office: 575.746.8768

Direct: 575.616.4022

Cell: 575.441.4835

Fax: 575.746.8905

Emergency: 866.742.0742

Web: www.talonlpe.com



Bratcher, Mike, EMNRD

From: Tucker, Shelly <stucker@blm.gov>
Sent: Thursday, December 7, 2017 2:36 PM
To: Bratcher, Mike, EMNRD
Cc: David Adkins; Emily Sirgo; Kimberly M. Wilson
Subject: Re: Work Plan, Maverick Operating, Poker lake Unit 36

BLM concurs with NMOCD approval and stipulations.

Please note, this well IS NOT located in T25S-R31E. It is located in T24S-R31E. The C-141 is correct but the area where the water data was pulled from is not correct and the work plan also has the incorrect legals.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Tucker

Environmental Protection Specialist
O&G Spill/Release Coordinator

Bureau of Land Management
620 E. Greene St
Carlsbad, NM 88220

575.234.5905 - Direct
575.361.0084 - Cellular
575.234.6235 - Emergency Spill Number

stucker@blm.gov

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

Confidentiality Warning: This message along with any attachments are intended only for use of the individual or entity to which it is addressed and may contain information that is privileged or confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

On Thu, Nov 2, 2017 at 7:41 AM, Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us> wrote:

RE: Maverick Operating * Poker Lake Ut 36 * **2RP-4136** * DOR: Discovered 2/26/17 (and historical)

David,

Your proposal for remediation at the above referenced site is approved with the following:

- Excavated material is to be hauled to an OCD approved disposal facility.
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- Excavation of as much impacted material as possible and practicable in areas around production equipment.
- Since some areas in the battery are not accessible for testing or clean up, and were visually identified by OCD personnel as having been impacted by fluid release/releases, after the proposed work has been completed, and closure documentation submitted, OCD will place the site on "deferment", to address remaining impact at a time when the area is accessible.
- Proposal will require like approval from BLM.
- Please advise once remedial activities have been scheduled.

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

Thank you,

Mike Bratcher

NMOCD District 2

[811 South First Street](#)

[Artesia, NM 88210](#)

[575](#)-748-1283 Ext 108

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

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

Sent: Thursday, October 26, 2017 10:23 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Emily Sirgo <emily@mogc-kec.com>; Kimberly M. Wilson <kwilson@talonlpe.com>
Subject: Work Plan, Maverick Operating, Poker lake Unit 36

Mr. Bratcher,

Attached please find our proposed work plan for the above referenced facility. Thank you for taking my call today. Please let us know your thoughts on this when you get a chance to review.

Respectfully,

David J. Adkins
District Manager Artesia
Office: 575.746.8768
Direct: 575.616.4022
Cell: 575.441.4835
Fax: 575.746.8905
Emergency: 866.742.0742
Web: www.talonlpe.com



Bratcher, Mike, EMNRD

From: David Adkins <dadkins@talonlpe.com>
Sent: Thursday, December 7, 2017 2:50 PM
To: Tucker, Shelly; Bratcher, Mike, EMNRD
Cc: Emily Sirgo; Kimberly M. Wilson
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

Thanks Shelly! I'll make sure the legals are changed for the closure report.

David J. Adkins

District Manager Artesia

Office: 575.746.8768

Direct: 575.616.4022

Cell: 575.441.4835

Fax: 575.746.8905

Emergency: 866.742.0742

Web: www.talonlpe.com



From: Tucker, Shelly [mailto:stucker@blm.gov]
Sent: Thursday, December 07, 2017 2:36 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: David Adkins <dadkins@talonlpe.com>; Emily Sirgo <emily@mogc-kec.com>; Kimberly M. Wilson <kwilson@talonlpe.com>
Subject: Re: Work Plan, Maverick Operating, Poker lake Unit 36

BLM concurs with NMOCD approval and stipulations.

Please note, this well IS NOT located in T25S-R31E. It is located in T24S-R31E. The C-141 is correct but the area where the water data was pulled from is not correct and the work plan also has the incorrect legals.

If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Tucker

Environmental Protection Specialist
O&G Spill/Release Coordinator

Bureau of Land Management
620 E. Greene St
Carlsbad, NM 88220

575.234.5905 - Direct
575.361.0084 - Cellular
575.234.6235 - Emergency Spill Number

stucker@blm.gov

The **BLM acceptance/approval does not** relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

Confidentiality Warning: This message along with any attachments are intended only for use of the individual or entity to which it is addressed and may contain information that is privileged or confidential and exempt from disclosure under applicable law. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify the sender immediately.

On Thu, Nov 2, 2017 at 7:41 AM, Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us> wrote:

RE: Maverick Operating * Poker Lake Ut 36 * **2RP-4136** * DOR: Discovered 2/26/17 (and historical)

David,

Your proposal for remediation at the above referenced site is approved with the following:

- Excavated material is to be hauled to an OCD approved disposal facility.
- Liner placement must be a minimum of 4' bgs. This liner installation will not make the area be considered a "lined containment".
- Excavation of as much impacted material as possible and practicable in areas around production equipment.
- Since some areas in the battery are not accessible for testing or clean up, and were visually identified by OCD personnel as having been impacted by fluid release/releases, after the proposed work has been completed, and closure documentation submitted, OCD will place the site on "deferment", to address remaining impact at a time when the area is accessible.
- Proposal will require like approval from BLM.
- Please advise once remedial activities have been scheduled.

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

Thank you,

Mike Bratcher

NMOCD District 2

[811 South First Street](#)

[Artesia, NM 88210](#)

[575](#)-748-1283 Ext 108

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

Sent: Thursday, October 26, 2017 10:23 AM

To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>

Cc: Emily Sirgo <emily@mogc-kec.com>; Kimberly M. Wilson <kwilson@talonlpe.com>

Subject: Work Plan, Maverick Operating, Poker lake Unit 36

Mr. Bratcher,

Attached please find our proposed work plan for the above referenced facility. Thank you for taking my call today. Please let us know your thoughts on this when you get a chance to review.

Respectfully,

David J. Adkins

District Manager Artesia

Office: 575.746.8768

Direct: 575.616.4022

Cell: 575.441.4835

Fax: 575.746.8905

Emergency: 866.742.0742

Web: www.talonlpe.com



From: [Bratcher, Mike, EMNRD](#)
To: [Weaver, Crystal, EMNRD](#)
Subject: FW: Work Plan, Maverick Operating, Poker lake Unit 36
Date: Wednesday, March 21, 2018 12:13:46 PM
Attachments: [image001.png](#)
[Process.docx](#)
[Map.pdf](#)

From: Emily Sirgo [mailto:emily@mogc-kec.com]
Sent: Monday, February 12, 2018 1:26 PM
To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: 'stucker' <stucker@blm.gov>
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

Hello Mike/Shelly,

After obtaining a bid from Talon LPE to do the below work submitted to you, I have reached out to ICI Remediate to propose a different remediation program that could bring our chloride levels down to adhere to the guidelines. Please see the attached proposed remediation action and map from ICI and let me know if this may work for you guys. I would like to have this area remediated to the best of our ability while also being cost-conscious as we are a very small operator.

Thanks,

Emily C. Sirgo

Maverick Oil & Gas Corporation

1001 W. Wall Street
Midland, Texas 79701
432-682-2500 (o)
432-570-1062 (f)

From: Bratcher, Mike, EMNRD [mailto:mike.bratcher@state.nm.us]
Sent: Thursday, November 02, 2017 8:42 AM
To: David Adkins <dadkins@talonlpe.com>
Cc: Emily Sirgo <emily@mogc-kec.com>; Kimberly M. Wilson <kwilson@talonlpe.com>; Tucker, Shelly <stucker@blm.gov>
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

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PROPOSED REMEDIATION ACTION

Maverick Operating, LLC
Poker Lake Unit #26
|30-015-10859|2RP-4136|

1. The impacted area highlighted in orange will be drilled with a 4" diameter X 5' auger in a 5 spot grid. Approximately 25 to 30 holes will be drilled.
2. Entire area (orange highlighted) will be flooded with 10,000 gallons of bio-remediation product to eliminate chloride to RRAL specifications.
3. The impacted area highlighted in green will be tilled up to 6 to 10 inches and bio-remediation product will be sprayed to reduce TPH level and chlorides as per OCD & BLM specifications.
4. Before and after soil samples will be taken and sent to lab for soil analysis.

7600 BRANDON RD, BIG SPRING, TX 79720

www.ic-iremediate.com 432-213-7813



ID: 400-202861

Poker Lake 36SWD

Area to be Remediated using Bioremediation Method

Google Earth



Legend

- Area to be hand tilled for treatment
- Grid for drilled to 4'
- Impacted area to be treated

From: [Bratcher, Mike, EMNRD](#)
To: [Emily Sirgo](#)
Cc: "stucker"; [Weaver, Crystal, EMNRD](#)
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36
Date: Wednesday, March 21, 2018 12:46:37 PM
Attachments: [image001.png](#)

RE: Maverick O&G * 2RP-4136

Emily,

Sorry for not getting back with you sooner on this. We are a couple of months behind on remediation proposals. This latest proposal is basically to flush contaminants from the surface, and OCD cannot approve it at this time.

Mike Bratcher
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Emergency: 866.742.0742

Web: www.talonlpe.com



From: [Weaver, Crystal, EMNRD](#)
To: ["Emily Sirgo"; Bratcher, Mike, EMNRD](#)
Cc: ["stucker"](#)
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36
Date: Wednesday, March 21, 2018 3:50:00 PM
Attachments: [image001.png](#)

Emily,

We still need to hear an update from Maverick on this one, OCD will give you all till 4/6/18 to come up with a plan to move this project forward. At the very least if Maverick doesn't have a contractor working on the work plan by then we need to still need to hear from Maverick on or before 4/6/18 regarding when they will have something scheduled.

Thank you,

Crystal Weaver

Environmental Specialist
OCD – Artesia District II
811 S. 1st Street
Artesia, NM 88210
Office: 575-748-1283 ext. 101
Cell: 575-840-5963
Fax: 575-748-9720

From: Emily Sirgo [mailto:emily@mogc-kec.com]
Sent: Wednesday, March 21, 2018 2:14 PM
To: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: 'stucker' <stucker@blm.gov>
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

Thanks so much. I appreciate it. I will get in contact with them and let you know the status of the job once we find somebody that can get us on their schedule. If you need anything in the meantime let me know.

Thanks,

Emily C. Sirgo

Maverick Oil & Gas Corporation

1001 W. Wall Street
Midland, Texas 79701

From: Emily Sirgo
To: [Weaver, Crystal, EMNRD](#); [Bratcher, Mike, EMNRD](#)
Cc: ["stucker"](#)
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36
Date: Wednesday, April 4, 2018 2:56:12 PM
Attachments: [image001.png](#)

Hi Crystal & Mike, to give you an update –

I have contacted the majority of the companies on the list you sent me to bid the approved remediation proposal. I am waiting on three of them to finish up the bids. Some of the companies have declined to bid because of the volume of work they already have, and others are taking 1-2 weeks to prepare it because they are equally as busy. As soon as I have these bids and accept one, we will begin immediately on the remediation, giving you all (OCD & BLM) a heads up that we are starting the cleanup.

Thanks,

Emily C. Sirgo

Maverick Oil & Gas Corporation

1001 W. Wall Street
Midland, Texas 79701
432-682-2500 (o)
432-570-1062 (f)

From: Weaver, Crystal, EMNRD [mailto:Crystal.Weaver@state.nm.us]
Sent: Wednesday, March 21, 2018 4:51 PM
To: Emily Sirgo <emily@mogc-kec.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: 'stucker' <stucker@blm.gov>
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

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Environmental Specialist
OCD – Artesia District II
811 S. 1st Street
Artesia, NM 88210

From: [Weaver, Crystal, EMNRD](#)
To: ["Emily Sirgo"; Bratcher, Mike, EMNRD](#)
Cc: ["stucker"](#)
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36
Date: Thursday, April 5, 2018 9:34:00 AM
Attachments: [image001.png](#)

Hello Emily,

Thank you for the update. While OCD does understand the reality of economic concerns we do still need to see this project move forward. Please provide a schedule for work to commence within 2 weeks from now. At that time hopefully you will be able to have chosen and have equipment and contractor mobilizing.

Thank you,

Crystal Weaver

Environmental Specialist

OCD – Artesia District II

811 S. 1st Street

Artesia, NM 88210

Office: 575-748-1283 ext. 101

Cell: 575-840-5963

Fax: 575-748-9720

From: Emily Sirgo <emily@mogc-kec.com>
Sent: Wednesday, April 4, 2018 2:56 PM
To: Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: 'stucker' <stucker@blm.gov>
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

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Thanks,

Bratcher, Mike, EMNRD

From: Emily Sirgo <emily@mogc-kec.com>
Sent: Wednesday, April 18, 2018 10:06 AM
To: Weaver, Crystal, EMNRD; Bratcher, Mike, EMNRD
Cc: 'stucker'
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36-UPDATE 4/18/2018

Hi Crystal, we have authorized Talon to go ahead and begin working this project according to the approved work plan they submitted. They will try to commence working next week, according to David. I have asked him to give you all a heads up before they begin.

Thanks,

Emily C. Sirgo

Maverick Oil & Gas Corporation

1001 W. Wall Street
Midland, Texas 79701
432-682-2500 (o)
432-570-1062 (f)

From: Weaver, Crystal, EMNRD [mailto:Crystal.Weaver@state.nm.us]
Sent: Thursday, April 05, 2018 10:35 AM
To: Emily Sirgo <emily@mogc-kec.com>; Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: 'stucker' <stucker@blm.gov>
Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

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Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

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Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

Hello Emily,

We are not able to recommend contractors but we can say that there are a lot of other local contractors around the area that should be able to provide you an estimate of cost based on efforts proposed in the existing approved work plan. These are just a few that I could think of real quick.

ASI
Basin Environmental
BBC International
GHD
Hungry Horse
Mark Larson and Associates
SMA – Souder, Miller and Associates
Talon
Tetra Tech
TRC
Trinity Oil Field Services

Crystal Weaver

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Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

Ok, thanks for getting back to me. We will go with the original plan that has already been accepted. If it is ok with you, I would like to bid out this work to a few other companies before proceeding. If you have any other recommendations besides Talon LPE, it would be greatly appreciated. I want to continue to be in correspondence and in compliance with you guys on this project, I also want to be sure we are getting a reasonable estimate.

Thanks,

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Subject: RE: Work Plan, Maverick Operating, Poker lake Unit 36

RE: Maverick O&G * 2RP-4136

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To: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Cc: Emily Sirgo <emily@mogc-kec.com>; Kimberly M. Wilson <kwilson@talonlpe.com>
Subject: Work Plan, Maverick Operating, Poker lake Unit 36

Mr. Bratcher,

Attached please find our proposed work plan for the above referenced facility. Thank you for taking my call today. Please let us know your thoughts on this when you get a chance to review.

Respectfully,

David J. Adkins
District Manager Artesia
Office: 575.746.8768
Direct: 575.616.4022
Cell: 575.441.4835
Fax: 575.746.8905
Emergency: 866.742.0742
Web: www.talonlpe.com



Bratcher, Mike, EMNRD

From: David J. Adkins <dadkins@talonlpe.com>
Sent: Wednesday, April 25, 2018 2:04 PM
To: Shelly Tucker - BLM (stucker@blm.gov); Bratcher, Mike, EMNRD
Cc: Emily Sirgo
Subject: Maverick Operating, Poker Lake Unit 36

Dear Shelly and Mike,

It is the intent of this correspondence to notify you that we are starting the above referenced remediation project. Please let me know if you have any questions or concerns. Thank you.

Respectfully,

David J. Adkins
District Manager Artesia
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Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 384232

CONDITIONS

Operator: MAVERICK OPERATING, LLC 1004 N Big Spring Street Midland, TX 79701	OGRID: 287160
	Action Number: 384232
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Historical documents uploaded.	9/17/2024