



LYNX PETROLEUM – EMPEROR OIL CO. FED GAS B COM #1

REMEDIATION PLAN

Lynx will excavate the spill area as depicted on the following site diagram. The entire spill area will be excavated to a depth of 1 foot. The entire site will be backfilled with clean soil.

The area by the battery will be placed on deferral until the life of the facility is exhausted and the facility is closed and removed.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.



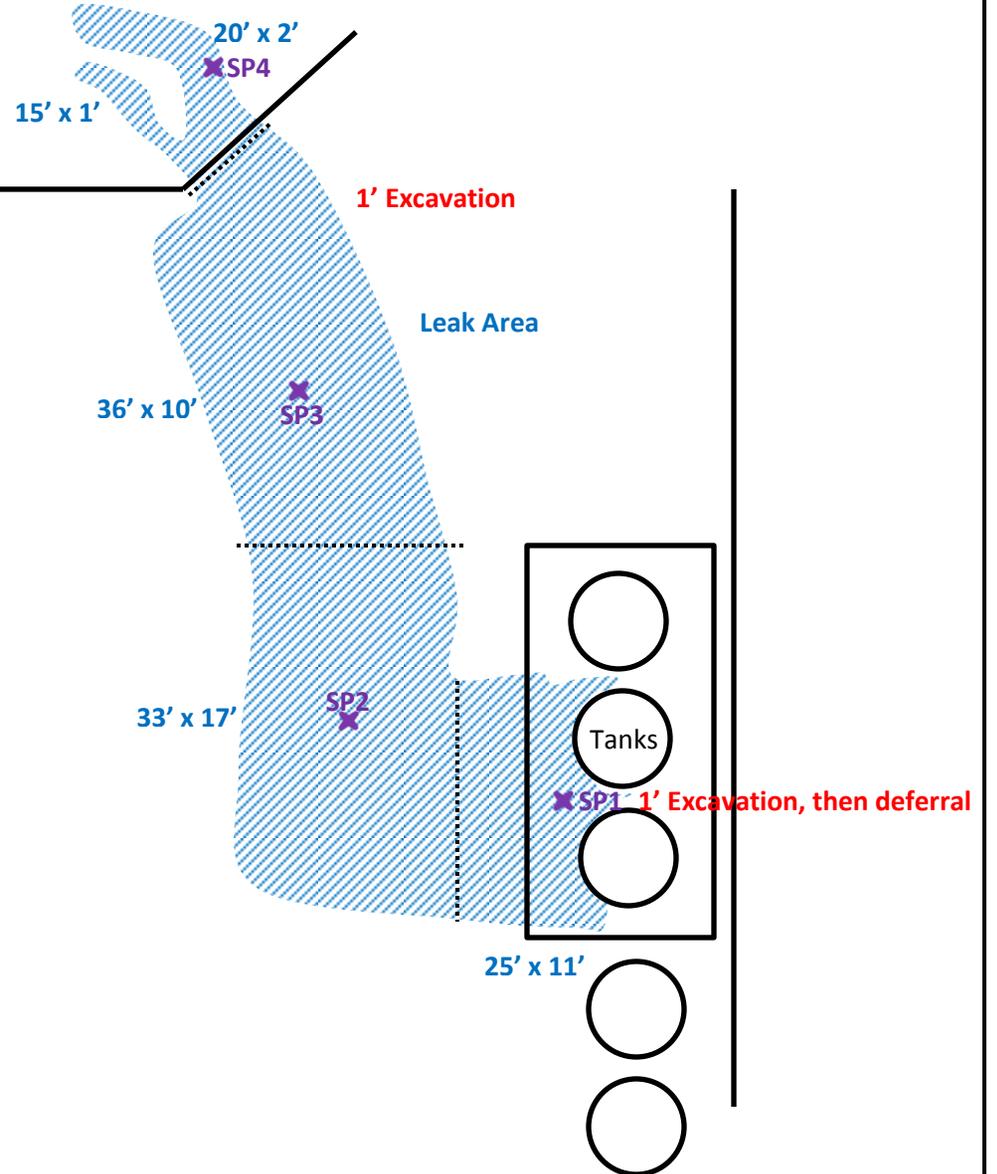
Lynx Petroleum
Emperor Oil Co. Federal Gas B Com #1

Pasture

Location pad



U/L F, Section 28, T20S, R30E
Eddy County, NM
N 32.54611° W 103.97894°
API# 30-015-10465



BBC International, Inc.	
Lynx Petroleum	
Emperor Oil Co. Fed Gas B Com #1	
Date: 10/15/15	DRWG by: K. Purvis
NOT TO SCALE	File: Lynx Petro '15



Groundwater Plot

Lynx Petroleum Emperor Oil Co Fed Gas B Com #1

County
Eddy

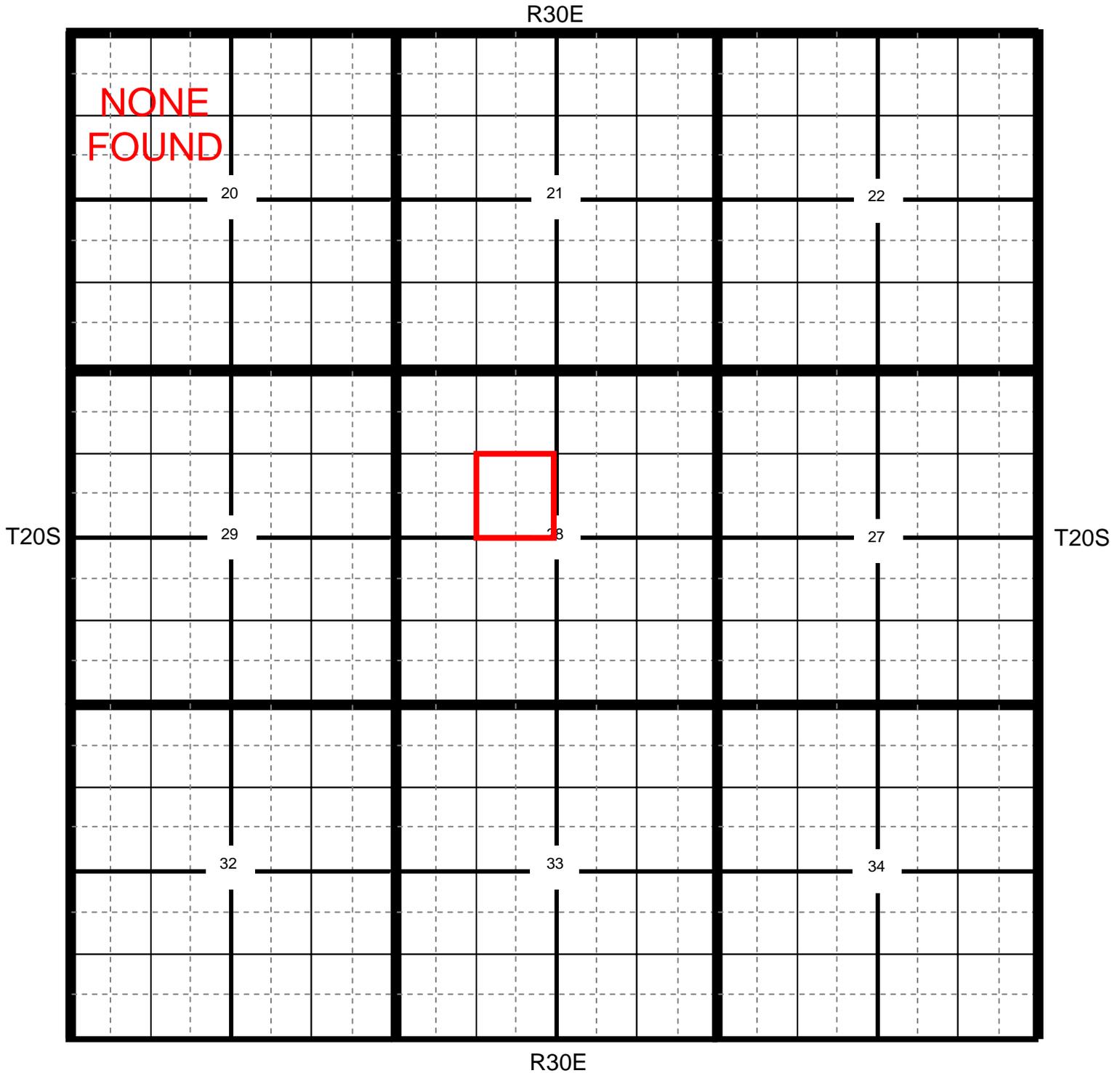
Unit Letter
F

Section
28

Township
20S

Range
30E

Trend Map 75'-100'



📍 Location

● OCD

● USGS

● SEO

● All Databases

Lynx Petroleum Emperor Oil Co Fed Gas B Com #1

County Eddy Unit Letter F Section 28 Township 20S Range 30E

Trend Map 75'-100'

1

2

NW/NW NONE FOUND Unit Letter D	NE/NW Unit Letter C	NW/NE Unit Letter B	NE/NE Unit Letter A
SW/NW Unit Letter E	SE/NW Unit Letter F	SW/NE Unit Letter G	SE/NE Unit Letter H
NW/SW Unit Letter L	NE/SW Unit Letter K	NW/SE Unit Letter J	NE/SE Unit Letter I
SW/SW Unit Letter M	SE/SW Unit Letter N	SW/SE Unit Letter O	SE/SE Unit Letter P

3

4

**Laboratory Analytical Results Summary
Emperor Oil Federal B#1**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 4'	SP1 @ 6'	SP1 @ 7'	SP1 @ 8'
Analyte	Method	Date	10/27/15	10/27/15	10/27/15	10/27/15	10/27/15	10/27/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	0.077	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		64	352	1150	576	96	64
GRO	TPH 8015M		<10.0	<10.0	12.9	<10.0	<10.0	<10.0
DRO	TPH 8015M		377	937	2060	1600	<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 4'	SP2 @ 5'
Analyte	Method	Date	10/27/15	10/27/15	10/27/15	10/27/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		1880	303	80	80
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		391	851	<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 4'	SP3 @ 6'	SP3 @ 7'
Analyte	Method	Date	10/28/15	10/28/15	10/28/15	10/28/15	10/28/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		1410	1020	1230	32	64
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		11.5	111	<10.0	<10.0	<10.0

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 4'
Analyte	Method	Date	10/28/15	10/28/15	10/28/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.500	<0.050	<0.050
Toluene	BTEX 8021B		1.45	<0.050	<0.050
Ethylbenzene	BTEX 8021B		2.4	<0.050	<0.050
Total Xylenes	BTEX 8021B		27.1	<0.150	<0.150
Total BTEX	BTEX 8021B		30.9	<0.300	<0.300
Chloride	SM4500CI-B		80	64	80
GRO	TPH 8015M		804	<10.0	<10.0
DRO	TPH 8015M		3100	14	<10.0



November 06, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: EMPEROR OIL FEDERAL B #1

Enclosed are the results of analyses for samples received by the laboratory on 10/30/15 11:30.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/30/2015	Sampling Date:	10/27/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 1 @ 1' (H502854-01)

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	11/05/2015	ND	2.06	103	2.00	1.01	
Toluene*	<0.050	0.050	11/05/2015	ND	2.29	115	2.00	1.45	
Ethylbenzene*	<0.050	0.050	11/05/2015	ND	2.11	105	2.00	2.28	
Total Xylenes*	<0.150	0.150	11/05/2015	ND	6.71	112	6.00	2.34	
Total BTEX	<0.300	0.300	11/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/03/2015	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/03/2015	ND	203	101	200	4.48	
DRO >C10-C28	377	10.0	11/03/2015	ND	202	101	200	8.20	

Surrogate: 1-Chlorooctane 110 % 35-147
Surrogate: 1-Chlorooctadecane 141 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/30/2015	Sampling Date:	10/27/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 1 @ 2' (H502854-02)

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	11/05/2015	ND	2.06	103	2.00	1.01	
Toluene*	<0.050	0.050	11/05/2015	ND	2.29	115	2.00	1.45	
Ethylbenzene*	<0.050	0.050	11/05/2015	ND	2.11	105	2.00	2.28	
Total Xylenes*	<0.150	0.150	11/05/2015	ND	6.71	112	6.00	2.34	
Total BTEX	<0.300	0.300	11/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/03/2015	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/03/2015	ND	203	101	200	4.48	
DRO >C10-C28	937	10.0	11/03/2015	ND	202	101	200	8.20	

Surrogate: 1-Chlorooctane 100 % 35-147

Surrogate: 1-Chlorooctadecane 144 % 28-171

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Received:	10/30/2015	Sampling Date:	10/27/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 1 @ 4' (H502854-03)

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	11/05/2015	ND	2.06	103	2.00	1.01	
Toluene*	<0.050	0.050	11/05/2015	ND	2.29	115	2.00	1.45	
Ethylbenzene*	0.077	0.050	11/05/2015	ND	2.11	105	2.00	2.28	
Total Xylenes*	<0.150	0.150	11/05/2015	ND	6.71	112	6.00	2.34	
Total BTEX	<0.300	0.300	11/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	11/03/2015	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	12.9	10.0	11/03/2015	ND	203	101	200	4.48	
DRO >C10-C28	2060	10.0	11/03/2015	ND	202	101	200	8.20	

Surrogate: 1-Chlorooctane 110 % 35-147

Surrogate: 1-Chlorooctadecane 156 % 28-171

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 Hobbs NM, 88241
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Received:	10/30/2015	Sampling Date:	10/27/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 1 @ 6' (H502854-04)

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	11/05/2015	ND	2.06	103	2.00	1.01	
Toluene*	<0.050	0.050	11/05/2015	ND	2.29	115	2.00	1.45	
Ethylbenzene*	<0.050	0.050	11/05/2015	ND	2.11	105	2.00	2.28	
Total Xylenes*	<0.150	0.150	11/05/2015	ND	6.71	112	6.00	2.34	
Total BTEX	<0.300	0.300	11/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	11/04/2015	ND	416	104	400	0.00	

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	11/03/2015	ND	203	101	200	4.48	
DRO >C10-C28	1600	10.0	11/03/2015	ND	202	101	200	8.20	

Surrogate: 1-Chlorooctane 113 % 35-147
Surrogate: 1-Chlorooctadecane 160 % 28-171

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Received:	10/30/2015	Sampling Date:	10/27/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 1 @ 7' (H502854-05)

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	11/05/2015	ND	2.06	103	2.00	1.01	
Toluene*	<0.050	0.050	11/05/2015	ND	2.29	115	2.00	1.45	
Ethylbenzene*	<0.050	0.050	11/05/2015	ND	2.11	105	2.00	2.28	
Total Xylenes*	<0.150	0.150	11/05/2015	ND	6.71	112	6.00	2.34	
Total BTEX	<0.300	0.300	11/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/04/2015	ND	416	104	400	0.00	

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	11/03/2015	ND	203	101	200	4.48	
DRO >C10-C28	<10.0	10.0	11/03/2015	ND	202	101	200	8.20	

Surrogate: 1-Chlorooctane 110 % 35-147
Surrogate: 1-Chlorooctadecane 121 % 28-171

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Received:	10/30/2015	Sampling Date:	10/27/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 1 @ 8' (H502854-06)

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	11/05/2015	ND	2.06	103	2.00	1.01	
Toluene*	<0.050	0.050	11/05/2015	ND	2.29	115	2.00	1.45	
Ethylbenzene*	<0.050	0.050	11/05/2015	ND	2.11	105	2.00	2.28	
Total Xylenes*	<0.150	0.150	11/05/2015	ND	6.71	112	6.00	2.34	
Total BTEX	<0.300	0.300	11/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/04/2015	ND	416	104	400	0.00	

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	11/03/2015	ND	203	101	200	4.48	
DRO >C10-C28	<10.0	10.0	11/03/2015	ND	202	101	200	8.20	

Surrogate: 1-Chlorooctane 115 % 35-147

Surrogate: 1-Chlorooctadecane 126 % 28-171

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Received:	10/30/2015	Sampling Date:	10/27/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 2 @ 1' (H502854-07)

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	11/05/2015	ND	2.06	103	2.00	1.01	
Toluene*	<0.050	0.050	11/05/2015	ND	2.29	115	2.00	1.45	
Ethylbenzene*	<0.050	0.050	11/05/2015	ND	2.11	105	2.00	2.28	
Total Xylenes*	<0.150	0.150	11/05/2015	ND	6.71	112	6.00	2.34	
Total BTEX	<0.300	0.300	11/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	11/04/2015	ND	416	104	400	0.00	

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	11/03/2015	ND	203	101	200	4.48	
DRO >C10-C28	391	10.0	11/03/2015	ND	202	101	200	8.20	

Surrogate: 1-Chlorooctane 113 % 35-147

Surrogate: 1-Chlorooctadecane 149 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/30/2015	Sampling Date:	10/27/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 2 @ 2' (H502854-08)

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	11/05/2015	ND	2.06	103	2.00	1.01		
Toluene*	<0.050	0.050	11/05/2015	ND	2.29	115	2.00	1.45		
Ethylbenzene*	<0.050	0.050	11/05/2015	ND	2.11	105	2.00	2.28		
Total Xylenes*	<0.150	0.150	11/05/2015	ND	6.71	112	6.00	2.34		
Total BTEX	<0.300	0.300	11/05/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	303	16.0	11/04/2015	ND	416	104	400	0.00		

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	11/03/2015	ND	203	101	200	4.48		
DRO >C10-C28	851	10.0	11/03/2015	ND	202	101	200	8.20		

Surrogate: 1-Chlorooctane 109 % 35-147

Surrogate: 1-Chlorooctadecane 151 % 28-171

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 Fax To: (575) 397-0397

Received:	10/30/2015	Sampling Date:	10/27/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 2 @ 4' (H502854-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/06/2015	ND	2.04	102	2.00	0.445	
Toluene*	<0.050	0.050	11/06/2015	ND	2.28	114	2.00	0.920	
Ethylbenzene*	<0.050	0.050	11/06/2015	ND	2.10	105	2.00	1.13	
Total Xylenes*	<0.150	0.150	11/06/2015	ND	6.68	111	6.00	1.03	
Total BTEX	<0.300	0.300	11/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/04/2015	ND	416	104	400	0.00	

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	11/03/2015	ND	203	101	200	4.48	
DRO >C10-C28	<10.0	10.0	11/03/2015	ND	202	101	200	8.20	

Surrogate: 1-Chlorooctane 110 % 35-147
Surrogate: 1-Chlorooctadecane 121 % 28-171

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Received:	10/30/2015	Sampling Date:	10/27/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 2 @ 5' (H502854-10)

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	11/06/2015	ND	2.04	102	2.00	0.445	
Toluene*	<0.050	0.050	11/06/2015	ND	2.28	114	2.00	0.920	
Ethylbenzene*	<0.050	0.050	11/06/2015	ND	2.10	105	2.00	1.13	
Total Xylenes*	<0.150	0.150	11/06/2015	ND	6.68	111	6.00	1.03	
Total BTEX	<0.300	0.300	11/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/04/2015	ND	416	104	400	0.00	

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	11/03/2015	ND	203	101	200	4.48	
DRO >C10-C28	<10.0	10.0	11/03/2015	ND	202	101	200	8.20	

Surrogate: 1-Chlorooctane 114 % 35-147
Surrogate: 1-Chlorooctadecane 124 % 28-171

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Received:	10/30/2015	Sampling Date:	10/28/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 3 @ 1' (H502854-11)

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	11/06/2015	ND	2.04	102	2.00	0.445	
Toluene*	<0.050	0.050	11/06/2015	ND	2.28	114	2.00	0.920	
Ethylbenzene*	<0.050	0.050	11/06/2015	ND	2.10	105	2.00	1.13	
Total Xylenes*	<0.150	0.150	11/06/2015	ND	6.68	111	6.00	1.03	
Total BTEX	<0.300	0.300	11/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	11/04/2015	ND	416	104	400	0.00	

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	11/03/2015	ND	203	101	200	4.48	
DRO >C10-C28	11.5	10.0	11/03/2015	ND	202	101	200	8.20	

Surrogate: 1-Chlorooctane 105 % 35-147

Surrogate: 1-Chlorooctadecane 116 % 28-171

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Received:	10/30/2015	Sampling Date:	10/28/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 3 @ 2' (H502854-12)

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	11/06/2015	ND	2.04	102	2.00	0.445	
Toluene*	<0.050	0.050	11/06/2015	ND	2.28	114	2.00	0.920	
Ethylbenzene*	<0.050	0.050	11/06/2015	ND	2.10	105	2.00	1.13	
Total Xylenes*	<0.150	0.150	11/06/2015	ND	6.68	111	6.00	1.03	
Total BTEX	<0.300	0.300	11/06/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	11/04/2015	ND	416	104	400	0.00	

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	11/03/2015	ND	203	101	200	4.48	
DRO >C10-C28	111	10.0	11/03/2015	ND	202	101	200	8.20	

Surrogate: 1-Chlorooctane 103 % 35-147
Surrogate: 1-Chlorooctadecane 118 % 28-171

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 Fax To: (575) 397-0397

Received:	10/30/2015	Sampling Date:	10/28/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 3 @ 4' (H502854-13)

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	11/06/2015	ND	2.04	102	2.00	0.445		
Toluene*	<0.050	0.050	11/06/2015	ND	2.28	114	2.00	0.920		
Ethylbenzene*	<0.050	0.050	11/06/2015	ND	2.10	105	2.00	1.13		
Total Xylenes*	<0.150	0.150	11/06/2015	ND	6.68	111	6.00	1.03		
Total BTEX	<0.300	0.300	11/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1230	16.0	11/04/2015	ND	416	104	400	0.00		

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	11/03/2015	ND	203	101	200	4.48		
DRO >C10-C28	<10.0	10.0	11/03/2015	ND	202	101	200	8.20		

Surrogate: 1-Chlorooctane 106 % 35-147
Surrogate: 1-Chlorooctadecane 117 % 28-171

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 Fax To: (575) 397-0397

Received:	10/30/2015	Sampling Date:	10/28/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 3 @ 6' (H502854-14)

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	11/06/2015	ND	2.04	102	2.00	0.445		
Toluene*	<0.050	0.050	11/06/2015	ND	2.28	114	2.00	0.920		
Ethylbenzene*	<0.050	0.050	11/06/2015	ND	2.10	105	2.00	1.13		
Total Xylenes*	<0.150	0.150	11/06/2015	ND	6.68	111	6.00	1.03		
Total BTEX	<0.300	0.300	11/06/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	11/04/2015	ND	416	104	400	0.00		

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	11/03/2015	ND	203	101	200	4.48		
DRO >C10-C28	<10.0	10.0	11/03/2015	ND	202	101	200	8.20		

Surrogate: 1-Chlorooctane 110 % 35-147

Surrogate: 1-Chlorooctadecane 118 % 28-171

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 Fax To: (575) 397-0397

Received:	10/30/2015	Sampling Date:	10/28/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 3 @ 7' (H502854-15)

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	11/05/2015	ND	2.08	104	2.00	2.22	
Toluene*	<0.050	0.050	11/05/2015	ND	2.28	114	2.00	2.94	
Ethylbenzene*	<0.050	0.050	11/05/2015	ND	2.06	103	2.00	3.69	
Total Xylenes*	<0.150	0.150	11/05/2015	ND	6.56	109	6.00	3.57	
Total BTEX	<0.300	0.300	11/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/04/2015	ND	416	104	400	0.00	

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	11/03/2015	ND	212	106	200	1.40	
DRO >C10-C28	<10.0	10.0	11/03/2015	ND	218	109	200	2.41	

Surrogate: 1-Chlorooctane 107 % 35-147

Surrogate: 1-Chlorooctadecane 116 % 28-171

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Received:	10/30/2015	Sampling Date:	10/28/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 4 @ 1' (H502854-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/05/2015	ND	2.08	104	2.00	2.22	
Toluene*	1.45	0.500	11/05/2015	ND	2.28	114	2.00	2.94	
Ethylbenzene*	2.40	0.500	11/05/2015	ND	2.06	103	2.00	3.69	
Total Xylenes*	27.1	1.50	11/05/2015	ND	6.56	109	6.00	3.57	
Total BTEX	30.9	3.00	11/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/04/2015	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	804	10.0	11/03/2015	ND	212	106	200	1.40		
DRO >C10-C28	3100	10.0	11/03/2015	ND	218	109	200	2.41		

Surrogate: 1-Chlorooctane 181 % 35-147

Surrogate: 1-Chlorooctadecane 168 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/30/2015	Sampling Date:	10/28/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 4 @ 2' (H502854-17)

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	11/05/2015	ND	2.08	104	2.00	2.22	
Toluene*	<0.050	0.050	11/05/2015	ND	2.28	114	2.00	2.94	
Ethylbenzene*	<0.050	0.050	11/05/2015	ND	2.06	103	2.00	3.69	
Total Xylenes*	<0.150	0.150	11/05/2015	ND	6.56	109	6.00	3.57	
Total BTEX	<0.300	0.300	11/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/04/2015	ND	416	104	400	0.00	

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	11/04/2015	ND	212	106	200	1.40	
DRO >C10-C28	14.0	10.0	11/04/2015	ND	218	109	200	2.41	

Surrogate: 1-Chlorooctane 105 % 35-147
Surrogate: 1-Chlorooctadecane 117 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/30/2015	Sampling Date:	10/28/2015
Reported:	11/06/2015	Sampling Type:	Soil
Project Name:	EMPEROR OIL FEDERAL B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	CARLSBAD, NM		

Sample ID: SP 4 @ 3' (H502854-18)

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	11/05/2015	ND	2.08	104	2.00	2.22	
Toluene*	<0.050	0.050	11/05/2015	ND	2.28	114	2.00	2.94	
Ethylbenzene*	<0.050	0.050	11/05/2015	ND	2.06	103	2.00	3.69	
Total Xylenes*	<0.150	0.150	11/05/2015	ND	6.56	109	6.00	3.57	
Total BTEX	<0.300	0.300	11/05/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/04/2015	ND	416	104	400	0.00	

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	11/04/2015	ND	212	106	200	1.40	
DRO >C10-C28	<10.0	10.0	11/04/2015	ND	218	109	200	2.41	

Surrogate: 1-Chlorooctane 116 % 35-147
Surrogate: 1-Chlorooctadecane 126 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM450Cl-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



Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
Project Manager: Cliff Brunson
Address: P. O. Box 805
City: Hobbs
Phone #: 575-397-6388
Project #:

State: NM Zip: 88241
Attn: *BBC*
Address: *BBC*
City:
State: Zip:

Project Name: *Emperor oil Fedr 2/15 #1*
Project Location: *Carlsted*
Project Owner: *LYNX Petro*
City:
State: Zip:

Sampler Name: *ZTF Brueles*
Phone #:
Fax #:

FOR LAB USE ONLY
Lab I.D. *H502854-*
Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX						PRESERV.			DATE	TIME	TPH	BTEX	CL-
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :					
<i>01</i>	<i>SP1e1</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>10-27</i>	<i>1139</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>02</i>	<i>e2</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>100</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>03</i>	<i>e4</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>146</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>04</i>	<i>e6</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>215</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>05</i>	<i>e7</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>233</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>06</i>	<i>e8</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>295</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>07</i>	<i>e8</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>309</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>08</i>	<i>e2</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>321</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>09</i>	<i>e4</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>333</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>10</i>	<i>e5</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		<i>349</i>	<i>X</i>	<i>X</i>	<i>X</i>

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Relinquished By: *ZTF Brueles* Date: *10-30-15* Received By: *Cliff Brunson*
 Relinquished By: *ZTF Brueles* Date: *11:30* Received By: *Cliff Brunson*

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: *8.40c*

Sample Condition: Cool Intact
 Yes No

CHECKED BY: *CWB*

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #54



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
Project Manager: Cliff Brunson
Address: P.O. Box 805
City: Hobbs
Phone #: 575-397-6388
Project #:

State: NM Zip: 88241
Attn: *BBC*
Address:
City:
State: Zip:

Project Owner: *Lynn Petro*
Project Location: *Empress Oil Facility B#1*
City: State: Zip:

Sampler Name: *Jeff Daniels*
FOR LAB USE ONLY

Lab I.D. *4502851-*
Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	TPH	BTEX	CI-
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
11	SP3P1	G-1	1	X	X	X	X	X	X	X	10-28	849	X	X	X	
12	E4	G-1	1	X	X	X	X	X	X	X	9:59		X	X	X	
13	E4	G-1	1	X	X	X	X	X	X	X	10/40		X	X	X	
14	E7	G-1	1	X	X	X	X	X	X	X	11/33		X	X	X	
15	E7	G-1	1	X	X	X	X	X	X	X	12/10		X	X	X	
16	SP4E1	G-1	1	X	X	X	X	X	X	X	120		X	X	X	
17	E3	G-1	1	X	X	X	X	X	X	X	132		X	X	X	
18	E3	G-1	1	X	X	X	X	X	X	X	200		X	X	X	

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Relinquished By: *Jeff Daniels*
Date: *10-30-15*
Time: *11:30*
Received By: *Cliff Daniels*
Date: *11-30*
Time:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: *-8-42*
Sample Condition: Cool Intact
Checked By: (Initials) *CD*

REMARKS:
Phone Result: Yes No
Add'l Phone #:
Fax Result: Yes No
Add'l Fax #:
\$54

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 HW

NAB1527329788

OPERATOR

Initial Report Final Report

Name of Company <u>Lynx Petroleum Consultants, Inc. 131645</u>	Contact <u>Wes Shields</u>
Address <u>PO Box 1708</u>	Telephone No. <u>575-392-6950</u>
Facility Name <u>Emperor</u>	Facility Type <u>Tank Battery</u>
Surface Owner <u>USA</u>	Mineral Owner <u>USA</u> API No. <u>30-015-10465</u>

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	28	20-S	30-E	1980	North	1980	West	Eddy

Latitude 32.546131 Longitude 103.979308

NATURE OF RELEASE HW

Type of Release <u>Water/Oil</u>	Volume of Release <u>110 barrels</u>	Volume Recovered <u>100 barrels</u>
Source of Release <u>Hole in tank</u>	Date and Hour of Occurrence <u>September 27, 2015</u>	Date and Hour of Discovery <u>September 28, 2015 6:00 AM</u>
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? <u>Heather Patterson - OCD Artesia</u>	
By Whom? <u>Sandra Baxter</u>	Date and Hour <u>September 28, 2015 2:00 PM</u>	
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.* <u>Hole in the storage tank. Tank is now out of service.</u>		
Describe Area Affected and Cleanup Action Taken.* <u>Surface area location. Picked up by vacuum truck.</u>		

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: <u>Maren Latimer</u>	OIL CONSERVATION DIVISION	
Printed Name: <u>Maren Latimer</u>	Approved by Environmental Specialist: <u>[Signature]</u>	
Title: <u>Regulatory Clerk</u>	Approval Date: <u>9/30/15</u>	Expiration Date: <u>N/A</u>
E-mail Address: <u>latimernaren@gmail.com</u>	Conditions of Approval: Remediation per O.C.D. Rules & Guidelines Attached <input type="checkbox"/>	
Date: <u>09/29/15</u> Phone: <u>575-392-6950</u>	SUBMIT REMEDIATION PROPOSAL NO	

LATER THAN: 11/7/15

* Attach Additional Sheets If Necessary

2RP-3305