



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

OXY – NIMITZ 12 FEDERAL #3H

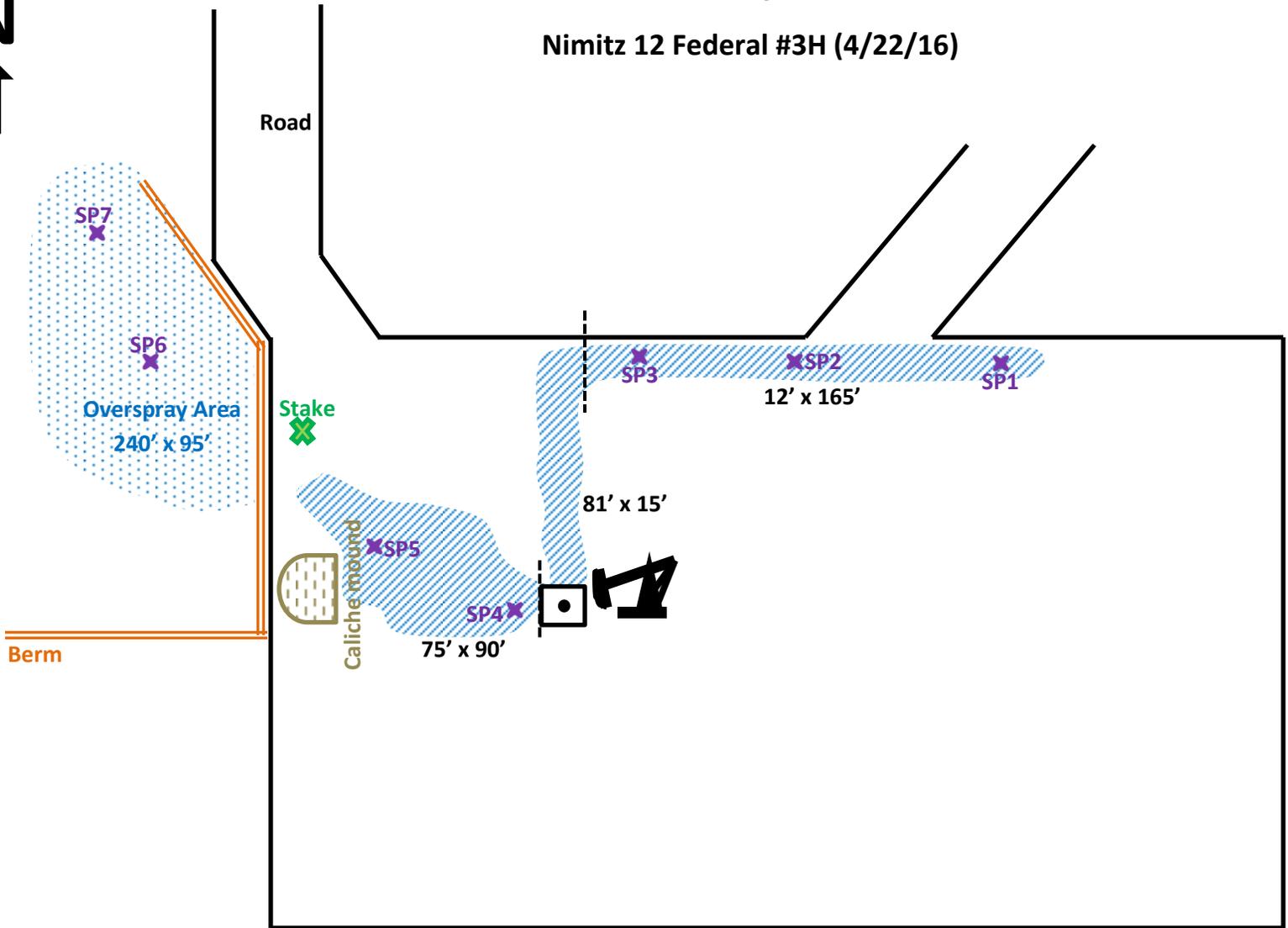
REMEDIATION PLAN

OXY will excavate the spill area as depicted on the following site diagram. The entire spill area will be excavated to a depth of 6 inches. The entire site will be backfilled with clean soil.

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



Oxy
Nimitz 12 Federal #3H (4/22/16)



U/L B, Section 12, T24S, R30E

Eddy County, NM

N 32.23885° W 103.83234°

API# 30-015-41011

BBC International, Inc.

Oxy
Nimitz 12 Federal #3H

Date: 05/04/2016

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2016

Groundwater Plot

Oxy Nimitz 12 Federal #3H

County
Eddy County

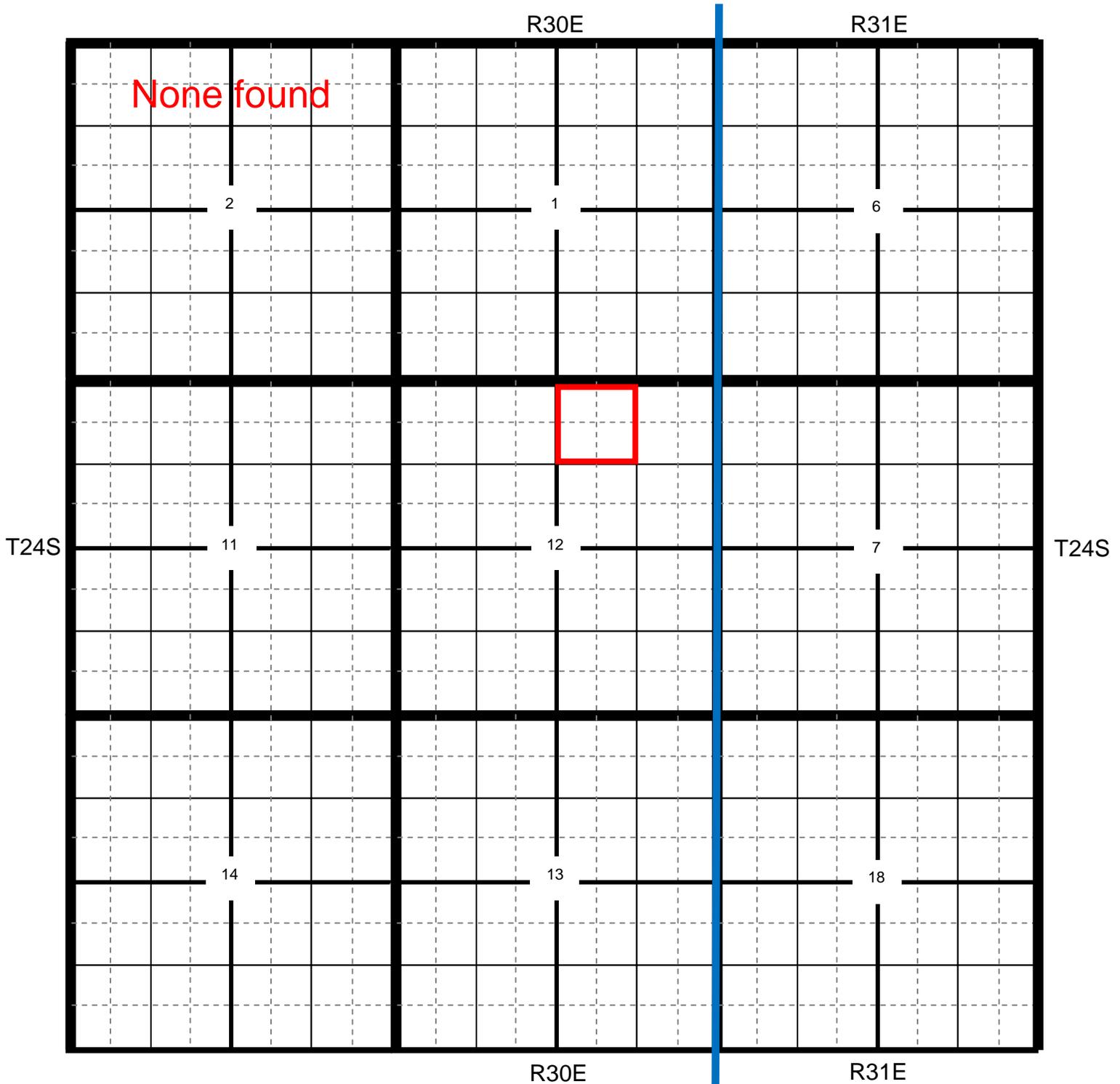
Unit Letter
B

Section
12

Township
24S

Range
30E

Trend Map 375'



📍 Location

● OCD

● USGS

● SEO

● All Databases

Oxy Nimitz 12 Federal #3H

County Eddy Unit Letter B Section 12 Township 24S Range 30E

Trend Map 375'

1

2

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

3

4

Laboratory Analytical Results Summary
Nimitz 12 Federal #3H

Analyte	Method	Sample Date	SP1 @ 1'	SP2 @ 2'
			5/11/16	5/11/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

Analyte	Method	Sample Date	SP5 @ 1'	SP5 @ 2'
			5/11/16	5/11/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		32	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

Analyte	Method	Sample Date	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'
			5/11/16	5/11/16	5/11/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.202	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.248	<0.050	<0.050
Total Xylenes	BTEX 8021B		1.29	<0.150	<0.150
Total BTEX	BTEX 8021B		1.74	<0.300	<0.300
Chloride	SM4500Cl-B		13100	<16.0	32
GRO	TPH 8015M		130	<10.0	<10.0
DRO	TPH 8015M		29500	12.4	<10.0

Analyte	Method	Sample Date	SP6 @ 1'
			5/11/16
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	Sample Date	SP3 @ 1'	SP3 @ 2'
			5/11/16	5/11/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

Analyte	Method	Sample Date	SP7 @ SURFACE	SP7 @ 1'
			5/11/16	5/11/16+
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		8130	32
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		499	<10.0

Analyte	Method	Sample Date	SP4 @ SURFACE	SP4 @ 1'	SP4 @ 2'
			5/11/16	5/11/16+	5/11/16
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.192	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.246	<0.050	<0.050
Total Xylenes	BTEX 8021B		1.2	<0.150	<0.150
Total BTEX	BTEX 8021B		1.64	<0.300	<0.300
Chloride	SM4500Cl-B		624	<16.0	<16.0
GRO	TPH 8015M		130	<10.0	<10.0
DRO	TPH 8015M		27300	25.9	<10.0



May 19, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NIMITZ 12 FED #3H

Enclosed are the results of analyses for samples received by the laboratory on 05/13/16 10:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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". The signature is written in a cursive style.

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:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 1' (H601057-01)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	<16.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	<10.0	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 89.3 % 35-147
Surrogate: 1-Chlorooctadecane 109 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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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:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 2' (H601057-02)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	<16.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	<10.0	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 80.0 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

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*=Accredited Analyte

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ SURFACE (H601057-03)

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	05/17/2016	ND	2.15	108	2.00	0.544	
Toluene*	0.202	0.050	05/17/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	0.248	0.050	05/17/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	1.29	0.150	05/17/2016	ND	6.19	103	6.00	0.856	
Total BTEX	1.74	0.300	05/17/2016	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	13100	16.0	05/17/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	130	100	05/13/2016	ND	198	98.8	200	0.224		
DRO >C10-C28	29500	100	05/13/2016	ND	211	106	200	1.81		

Surrogate: 1-Chlorooctane 107 % 35-147

Surrogate: 1-Chlorooctadecane 1290 % 28-171

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

Received:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 1' (H601057-04)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	<16.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	12.4	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 78.5 % 35-147

Surrogate: 1-Chlorooctadecane 91.8 % 28-171

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Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 2' (H601057-05)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	32.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	<10.0	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 78.4 % 35-147

Surrogate: 1-Chlorooctadecane 93.0 % 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:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 1' (H601057-06)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	<16.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	<10.0	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 81.2 % 35-147

Surrogate: 1-Chlorooctadecane 89.8 % 28-171

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*=Accredited Analyte

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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:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 2' (H601057-07)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	<16.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	<10.0	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 77.0 % 35-147

Surrogate: 1-Chlorooctadecane 99.0 % 28-171

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Analytical Results For:

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

Received:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ SURFACE (H601057-08)

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	05/17/2016	ND	2.15	108	2.00	0.544	
Toluene*	0.192	0.050	05/17/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	0.246	0.050	05/17/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	1.20	0.150	05/17/2016	ND	6.19	103	6.00	0.856	
Total BTEX	1.64	0.300	05/17/2016	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	624	16.0	05/17/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	130	50.0	05/13/2016	ND	198	98.8	200	0.224		
DRO >C10-C28	27300	50.0	05/13/2016	ND	211	106	200	1.81		

Surrogate: 1-Chlorooctane 113 % 35-147

Surrogate: 1-Chlorooctadecane 948 % 28-171

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Received:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ 1' (H601057-09)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	<16.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	25.9	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 77.4 % 35-147

Surrogate: 1-Chlorooctadecane 96.7 % 28-171

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Received:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ 2' (H601057-10)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	<16.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	<10.0	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 82.1 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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Received:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 5 @ 1' (H601057-11)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	32.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	<10.0	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 77.0 % 35-147
Surrogate: 1-Chlorooctadecane 91.0 % 28-171

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Received:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 5 @ 2' (H601057-12)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	<16.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	<10.0	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 82.5 % 35-147

Surrogate: 1-Chlorooctadecane 94.9 % 28-171

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Analytical Results For:

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

Received:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 6 @ 1' (H601057-13)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	<16.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	<10.0	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 76.4 % 35-147

Surrogate: 1-Chlorooctadecane 94.4 % 28-171

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Received:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 7 @ SURFACE (H601057-14)

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	05/16/2016	ND	2.15	108	2.00	0.544		
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46		
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62		
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856		
Total BTEX	<0.300	0.300	05/16/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	8130	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224		
DRO >C10-C28	499	10.0	05/13/2016	ND	211	106	200	1.81		

Surrogate: 1-Chlorooctane 78.4 % 35-147

Surrogate: 1-Chlorooctadecane 109 % 28-171

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Received:	05/13/2016	Sampling Date:	05/11/2016
Reported:	05/19/2016	Sampling Type:	Soil
Project Name:	NIMITZ 12 FED #3H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 7 @ 1' (H601057-15)

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	05/16/2016	ND	2.15	108	2.00	0.544	
Toluene*	<0.050	0.050	05/16/2016	ND	2.11	105	2.00	1.46	
Ethylbenzene*	<0.050	0.050	05/16/2016	ND	1.94	97.0	2.00	1.62	
Total Xylenes*	<0.150	0.150	05/16/2016	ND	6.19	103	6.00	0.856	
Total BTEX	<0.300	0.300	05/16/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	32.0	16.0	05/17/2016	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	05/13/2016	ND	198	98.8	200	0.224	
DRO >C10-C28	<10.0	10.0	05/13/2016	ND	211	106	200	1.81	

Surrogate: 1-Chlorooctane 80.5 % 35-147
Surrogate: 1-Chlorooctadecane 98.3 % 28-171

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Notes and Definitions

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 1

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: *OKY*

Project Owner: *OKY*

Project Name: *Nimitz 12 FEB 5H*

Project Location: *See Hernandez*

Sampler Name: *See Hernandez*

FOR LAB USE ONLY

Lab I.D. 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 :					
1	SP101-	G	1										5-11-16	1008	V	V	V
2	SP102-	G	1										5-11-16	1052	V	V	V
3	SP201@MIRAGE	G	1										5-11-16	1048	V	V	V
4	SP202	G	1										5-11-16	1108	V	V	V
5	SP202	G	1										5-11-16	1130	V	V	V
6	SP301	G	1										5-11-16	1238	V	V	V
7	SP302	G	1										5-11-16	100	V	V	V
8	SP401	G	1										5-11-16	108	V	V	V
9	SP402	G	1										5-11-16	128	V	V	V
10	SP402	G	1										5-11-16	128	V	V	V

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 the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *See Hernandez*
Date: 5-13-16
Time: 9:00
Received By: *See Hernandez*
Date: 5-13-16
Time: 10:55

Relinquished By: *See Hernandez*
Date: 5-13-16
Time: 9:00
Received By: *See Hernandez*
Date: 5-13-16
Time: 10:55
Sample Condition: Cool Intact
Checked By: *See Hernandez*

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: *2.30*
Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476
corrected 2.30
#54

REMARKS:

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

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	Casey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Nimitz 12 Federal #3H	Facility Type	Well

Surface Owner	BLM	Mineral Owner		API No.	30-015-41011
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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
B	12	24S	30E					Eddy County, NM

Latitude N 32.23885° Longitude W 103.83234°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	2 bbl oil, 3 bbls produced water	Volume Recovered	2 bbls
Source of Release	Stuffing box packing blew out	Date and Hour of Occurrence	04/22/2016	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher, Heather Patterson- NMOCD; Shelly Tucker- BLM		
By Whom?	Kathy@ BBC International, Inc.	Date and Hour	04/22/2016 @ 3:56 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.*
The packing blew out of the stuffing box causing a spill of 2 bbls of oil and 3 bbls of produced water. A vacuum truck recovered 2 bbls of fluids and the packing was replaced.

Describe Area Affected and Cleanup Action Taken.*
The affected area is approximately 250' x 25' on location near the well head with a small overspray area just west of location. Remediation will be completed in accordance with a remediation plan approved by both NMOCD and the BLM.

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>OIL CONSERVATION DIVISION</u>		
Printed Name: Casey Summers	Approved by Environmental Specialist:		
Title: NM Environmental Advisor	Approval Date:	Expiration Date:	
E-mail Address: Casey_Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 5-4-16	Phone: (575) 513-8289		

* Attach Additional Sheets If Necessary