



DELINEATION WORKPLAN

OXY – PEACHES 19 CTB (Leak Date: 5/12/17)

**RP # 2RP-4211
API # 30-015-40250**

This delineation workplan and remediation proposal addresses the release associated with RP # 2RP-4211.

The following information includes:

1. Scaled digital site map with spill area demarcated and leak point identified along with sample point locations and areas of remediation at appropriate depths.
2. GPS information for sample points and sample methodology
3. Depth to groundwater information (i.e., pdf of OSE search results and/or copy of Chevron groundwater trend map).
4. Laboratory analysis results summary table and original laboratory analysis reports
5. A copy of the initial C-141
6. Potentially other pertinent information as necessary for site specific purposes.

Based on the information included in this package and the NMOCD guidelines, the following remediation is proposed:

OXY will excavate the spill area as depicted on the following site diagram. The entire leak area (shaded in pink) will be excavated to a depth of 1 to 1.5 feet or as practicable.





The entire site will then be backfilled with clean soil and revegetated (if warranted) to the standards of the appropriate regulatory agency or private surface owner.

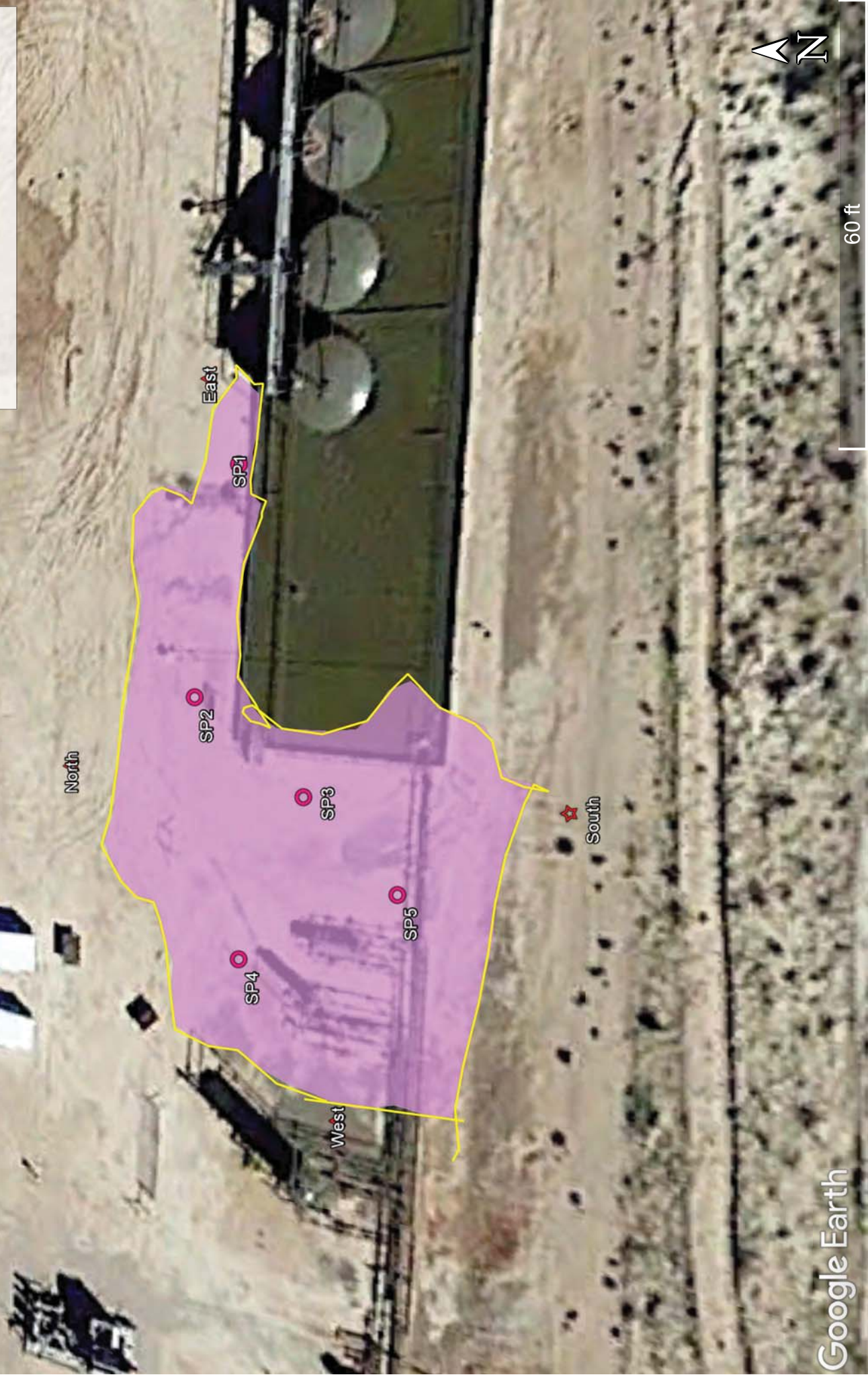
All excavated materials will be disposed of at an NMOCD-approved disposal facility.

Oxy, Peaches 19 CTB

Leak date: 05/12/2017
Eddy County, NM
AP# 30-015-40250
2RP-4211

Legend

-  1' to 1.5' Excavation or as practicable
-  Cardinal sample points, hand auger
-  Sample points, hand auger
-  Leak Area



Oxy, Peaches 19 CTB

Sample points, hand auger

SP1, N 32.12144 W-104.22827

SP2, N 32.12146 W-104.22839

SP3, N 32.12141 W-104.22845

SP4, N 32.12144 W-104.22854

SP5, N 32.12136 W-104.22849

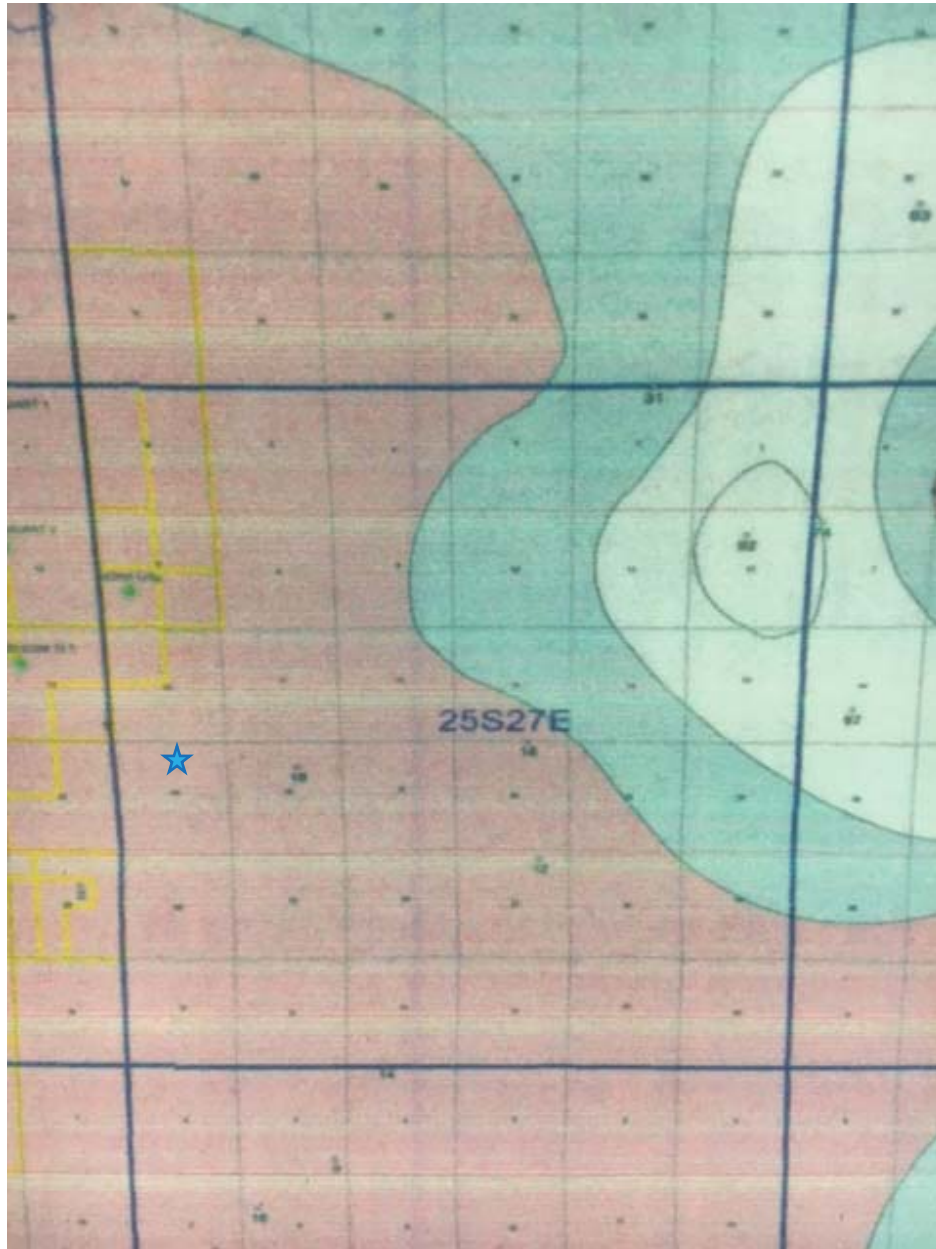
NORTH, N 32.12154 W-104.22843

SOUTH, N 32.12128 W-104.22845

EAST, N 32.12146 W-104.22822

WEST, N 32.12139 W-104.22862

Oxy, Peaches 19 CTB
U/L B, Section 19, T25S, R27E
Groundwater: <50'





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	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
C_03261	POD1		ED	3	2	1	20	25S	27E	574007	3554006*	<input type="text"/>	1112	351	

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 572898

Northing (Y): 3554093

Radius: 1700

*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.

6/1/17 8:59 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Public Land Survey System (PLSS)

Q64:

Q16:

NW

Q4:

NE

Sec:

19

Tws:

25S

Rng:

27E

State Plane Coordinate System - NAD27

X:

0

ft

Y:

0

ft

Zone:

State Plane Coordinate System - NAD83

X:

0

ft

Y:

0

ft

Zone:

Degrees/Minutes/Seconds

Longitude (X):

Degrees:

0

°

Minutes:

0

'

Seconds:

0

"

Latitude (Y):

Degrees:

0

°

Minutes:

0

'

Seconds:

0

"

UTM - NAD27

Easting (X):

0

mtrs

Northing (Y):

0

mtrs

Zone:

SUBMIT

All Conversion Results are displayed as NAD 1983 UTM Zone 13

Easting (X):

572898.0

mtrs

Northing (Y):

3554093.0

mtrs

~~ Please keep screen open to copy UTM values for Reports. ~~

**Laboratory Analytical Results Summary
Peaches 19 CTB**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
Analyte	Method	Date	6/1/17	7/11/17	7/11/17	7/11/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.335	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		4.51	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		6.29	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		16.5	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		27.6	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		480	304	272	224
GRO	TPH 8015M		753	<10.0	<10.0	<10.0
DRO	TPH 8015M		4990	<10.0	<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	6/1/17	7/12/17	7/12/17	7/12/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.428	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		5.29	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		6.71	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		21.1	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		33.6	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		448	256	272	208
GRO	TPH 8015M		903	<10.0	<10.0	<10.0
DRO	TPH 8015M		4100	<10.0	<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	6/1/17	7/12/17	7/12/17
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		432	272	192
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		60.1	<10.0	<10.0

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'
Analyte	Method	Date	6/1/17	7/12/17	7/12/17
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		432	176	208
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		13.4	13.9	<10.0

		Sample	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'
Analyte	Method	Date	6/1/17	7/12/17	7/12/17
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		432	272	64
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		197	<10.0	<10.0

		Sample	NORTH @ SURFACE
Analyte	Method	Date	6/1/17
			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		176
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SOUTH @ SURFACE
Analyte	Method	Date	6/1/17
			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		144
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	EAST @ SURFACE
Analyte	Method	Date	6/1/17
			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		208
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	WEST @ SURFACE
Analyte	Method	Date	6/1/17
			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		160
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

June 09, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PEACHES 19 CTB

Enclosed are the results of analyses for samples received by the laboratory on 06/06/17 15:50.

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:

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

Received: 06/06/2017
Reported: 06/09/2017
Project Name: PEACHES 19 CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 06/01/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP1 @ 1' (H701488-01)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.335	0.050	06/07/2017	ND	2.03	101	2.00	1.78	
Toluene*	4.51	0.050	06/07/2017	ND	2.01	100	2.00	2.74	
Ethylbenzene*	6.29	0.050	06/07/2017	ND	2.11	106	2.00	2.28	
Total Xylenes*	16.5	0.150	06/07/2017	ND	5.75	95.8	6.00	2.06	
Total BTX	27.6	0.300	06/07/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 183 % 72-148

Chloride, SM4500Cl-B			mg/kg					Analyzed By: AC	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	06/07/2017	ND	448	112	400	3.64	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	753	10.0	06/07/2017	ND	195	97.7	200	4.79	
DRO >C10-C28	4990	10.0	06/07/2017	ND	187	93.6	200	2.72	

Surrogate: 1-Chlorooctane 140 % 28.3-164

Surrogate: 1-Chlorooctadecane 148 % 34.7-157

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

Analytical Results For:

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

Received: 06/06/2017
Reported: 06/09/2017
Project Name: PEACHES 19 CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 06/01/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP2 @ 1' (H701488-02)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.428	0.050	06/07/2017	ND	2.03	101	2.00	1.78	
Toluene*	5.29	0.050	06/07/2017	ND	2.01	100	2.00	2.74	
Ethylbenzene*	6.71	0.050	06/07/2017	ND	2.11	106	2.00	2.28	
Total Xylenes*	21.1	0.150	06/07/2017	ND	5.75	95.8	6.00	2.06	
Total BTEx	33.6	0.300	06/07/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 205 % 72-148

Chloride, SM4500CI-B			mg/kg					Analyzed By: AC	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	06/07/2017	ND	448	112	400	3.64	

TPH 8015M			mg/kg					Analyzed By: MS	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	903	10.0	06/07/2017	ND	195	97.7	200	4.79	
DRO >C10-C28	4100	10.0	06/07/2017	ND	187	93.6	200	2.72	

Surrogate: 1-Chlorooctane 133 % 28.3-164

Surrogate: 1-Chlorooctadecane 134 % 34.7-157

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

Analytical Results For:

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

Received: 06/06/2017
Reported: 06/09/2017
Project Name: PEACHES 19 CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 06/01/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP3 @ 1' (H701488-03)

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	06/07/2017	ND	2.03	101	2.00	1.78	
Toluene*	<0.050	0.050	06/07/2017	ND	2.01	100	2.00	2.74	
Ethylbenzene*	<0.050	0.050	06/07/2017	ND	2.11	106	2.00	2.28	
Total Xylenes*	<0.150	0.150	06/07/2017	ND	5.75	95.8	6.00	2.06	
Total BTX	<0.300	0.300	06/07/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/07/2017	ND	448	112	400	3.64	

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	06/07/2017	ND	195	97.7	200	4.79	
DRO >C10-C28	60.1	10.0	06/07/2017	ND	187	93.6	200	2.72	

Surrogate: 1-Chlorooctane 99.1 % 28.3-164

Surrogate: 1-Chlorooctadecane 83.3 % 34.7-157

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

Analytical Results For:

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

Received: 06/06/2017
Reported: 06/09/2017
Project Name: PEACHES 19 CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 06/01/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP4 @ 1' (H701488-04)

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	06/07/2017	ND	2.03	101	2.00	1.78	
Toluene*	<0.050	0.050	06/07/2017	ND	2.01	100	2.00	2.74	
Ethylbenzene*	<0.050	0.050	06/07/2017	ND	2.11	106	2.00	2.28	
Total Xylenes*	<0.150	0.150	06/07/2017	ND	5.75	95.8	6.00	2.06	
Total BTX	<0.300	0.300	06/07/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/07/2017	ND	448	112	400	3.64	

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	06/07/2017	ND	195	97.7	200	4.79	
DRO >C10-C28	13.4	10.0	06/07/2017	ND	187	93.6	200	2.72	

Surrogate: 1-Chlorooctane 102 % 28.3-164

Surrogate: 1-Chlorooctadecane 83.4 % 34.7-157

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

Analytical Results For:

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

Received: 06/06/2017
Reported: 06/09/2017
Project Name: PEACHES 19 CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 06/01/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP5 @ 1' (H701488-05)

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	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTX	<0.300	0.300	06/08/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	06/07/2017	ND	448	112	400	3.64	

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	06/07/2017	ND	195	97.7	200	4.79	
DRO >C10-C28	197	10.0	06/07/2017	ND	187	93.6	200	2.72	

Surrogate: 1-Chlorooctane 83.7 % 28.3-164

Surrogate: 1-Chlorooctadecane 74.9 % 34.7-157

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

Analytical Results For:

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

Received: 06/06/2017
Reported: 06/09/2017
Project Name: PEACHES 19 CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 06/01/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: NORTH @ SURFACE (H701488-06)

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	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEx	<0.300	0.300	06/08/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	06/07/2017	ND	448	112	400	3.64		

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	06/07/2017	ND	195	97.7	200	4.79	
DRO >C10-C28	<10.0	10.0	06/07/2017	ND	187	93.6	200	2.72	

Surrogate: 1-Chlorooctane 91.9 % 28.3-164

Surrogate: 1-Chlorooctadecane 74.4 % 34.7-157

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

Analytical Results For:

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

Received: 06/06/2017
Reported: 06/09/2017
Project Name: PEACHES 19 CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 06/01/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: EAST @ SURFACE (H701488-07)

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	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTX	<0.300	0.300	06/08/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/07/2017	ND	448	112	400	3.64	

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	06/07/2017	ND	216	108	200	3.30	
DRO >C10-C28	<10.0	10.0	06/07/2017	ND	209	104	200	1.26	

Surrogate: 1-Chlorooctane 89.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 78.9 % 34.7-157

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

Analytical Results For:

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

Received: 06/06/2017
Reported: 06/09/2017
Project Name: PEACHES 19 CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 06/01/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SOUTH @ SURFACE (H701488-08)

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	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTX	<0.300	0.300	06/08/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/07/2017	ND	448	112	400	3.64	

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	06/07/2017	ND	216	108	200	3.30	
DRO >C10-C28	<10.0	10.0	06/07/2017	ND	209	104	200	1.26	

Surrogate: 1-Chlorooctane 97.1 % 28.3-164

Surrogate: 1-Chlorooctadecane 73.0 % 34.7-157

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

Analytical Results For:

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

Received: 06/06/2017
Reported: 06/09/2017
Project Name: PEACHES 19 CTB
Project Number: NONE GIVEN
Project Location: EDDY COUNTY, NM

Sampling Date: 06/01/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: WEST @ SURFACE (H701488-09)

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	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEx	<0.300	0.300	06/08/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/07/2017	ND	448	112	400	3.64	

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	06/07/2017	ND	216	108	200	3.30	
DRO >C10-C28	<10.0	10.0	06/07/2017	ND	209	104	200	1.26	

Surrogate: 1-Chlorooctane 100 % 28.3-164

Surrogate: 1-Chlorooctadecane 88.3 % 34.7-157

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

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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



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.		P.O. #:										
Project Manager: Cliff Brunson		Company: Oxy										
Address: P.O. Box 805		Attn: Casey										
City: Hobbs		State: NM Zip: 88241										
Phone #: 575-397-6388		Fax #: 575-397-0397										
Project #:		Project Owner: Oxy										
Project Name: Peaches 19 CTB		City:										
Project Location: Eddy County, NM		State:										
Sampler Name: Roger Hernandez		Phone #:										
FOR LAB USE ONLY		Fax #:										

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
4401488-	SP1 @ 1'	G	1							6/1/17	10:20 AM	BTEX	CI	TPH							
	SP2 @ 1'	G	1							6/1/17	10:50 AM										
	SP3 @ 1'	G	1							6/1/17	11:25 AM										
	SP4 @ 1'	G	1							6/1/17	11:55 PM										
	SP5 @ 1'	G	1							6/1/17	12:50 PM										
	NORTH @ SURFACE	G	1							6/1/17	1:00 PM										
	EAST @ SURFACE	G	1							6/1/17	1:10 PM										
	SOUTH @ SURFACE	G	1							6/1/17	1:20 PM										
	WEST @ SURFACE	G	1							6/1/17	1:30 PM										

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 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 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 rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: <i>Wesley</i>	Date: 6/1/17	Received By: <i>Valerie</i>	Time: 1:00 PM	Time: 8:50
Relinquished By: <i>Rogelio</i>	Date: 6/1/17	Received By:	Time: 8:50	
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	<input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	<i>V.N.</i>		
#40 3.90c				

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

July 18, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PEACHES 19 FED

Enclosed are the results of analyses for samples received by the laboratory on 07/13/17 11:50.

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,



Mike Snyder For 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: 07/13/2017
Reported: 07/18/2017
Project Name: PEACHES 19 FED
Project Number: CTB- MALAGA
Project Location: HWY 285

Sampling Date: 07/11/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP1 @ 2 (H701817-01)

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	07/15/2017	ND	2.15	108	2.00	1.12	
Toluene*	<0.050	0.050	07/15/2017	ND	2.04	102	2.00	0.920	
Ethylbenzene*	<0.050	0.050	07/15/2017	ND	2.17	109	2.00	1.49	
Total Xylenes*	<0.150	0.150	07/15/2017	ND	6.45	108	6.00	1.48	
Total BTEX	<0.300	0.300	07/15/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	07/14/2017	ND	416	104	400	3.77		

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	07/14/2017	ND	189	94.7	200	3.41	
DRO >C10-C28	<10.0	10.0	07/14/2017	ND	195	97.7	200	17.0	

Surrogate: 1-Chlorooctane 97.9 % 28.3-164

Surrogate: 1-Chlorooctadecane 96.5 % 34.7-157

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.



Mike Snyder For 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: 07/13/2017
Reported: 07/18/2017
Project Name: PEACHES 19 FED
Project Number: CTB- MALAGA
Project Location: HWY 285

Sampling Date: 07/11/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP1 @ 3 (H701817-02)

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	07/15/2017	ND	2.15	108	2.00	1.12	
Toluene*	<0.050	0.050	07/15/2017	ND	2.04	102	2.00	0.920	
Ethylbenzene*	<0.050	0.050	07/15/2017	ND	2.17	109	2.00	1.49	
Total Xylenes*	<0.150	0.150	07/15/2017	ND	6.45	108	6.00	1.48	
Total BTX	<0.300	0.300	07/15/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/14/2017	ND	416	104	400	3.77	

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	07/14/2017	ND	189	94.7	200	3.41	
DRO >C10-C28	<10.0	10.0	07/14/2017	ND	195	97.7	200	17.0	

Surrogate: 1-Chlorooctane 89.9 % 28.3-164

Surrogate: 1-Chlorooctadecane 89.8 % 34.7-157

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.



Mike Snyder For 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: 07/13/2017
Reported: 07/18/2017
Project Name: PEACHES 19 FED
Project Number: CTB- MALAGA
Project Location: HWY 285

Sampling Date: 07/11/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP1 @ 4 (H701817-03)

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	07/15/2017	ND	2.15	108	2.00	1.12	
Toluene*	<0.050	0.050	07/15/2017	ND	2.04	102	2.00	0.920	
Ethylbenzene*	<0.050	0.050	07/15/2017	ND	2.17	109	2.00	1.49	
Total Xylenes*	<0.150	0.150	07/15/2017	ND	6.45	108	6.00	1.48	
Total BTX	<0.300	0.300	07/15/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	07/14/2017	ND	416	104	400	3.77	

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	07/17/2017	ND	196	97.8	200	6.85	
DRO >C10-C28	<10.0	10.0	07/17/2017	ND	203	101	200	2.66	

Surrogate: 1-Chlorooctane 86.2 % 28.3-164

Surrogate: 1-Chlorooctadecane 93.4 % 34.7-157

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.



Mike Snyder For 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: 07/13/2017
Reported: 07/18/2017
Project Name: PEACHES 19 FED
Project Number: CTB- MALAGA
Project Location: HWY 285

Sampling Date: 07/12/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP2 @ 2 (H701817-04)

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	07/15/2017	ND	2.15	108	2.00	1.12	
Toluene*	<0.050	0.050	07/15/2017	ND	2.04	102	2.00	0.920	
Ethylbenzene*	<0.050	0.050	07/15/2017	ND	2.17	109	2.00	1.49	
Total Xylenes*	<0.150	0.150	07/15/2017	ND	6.45	108	6.00	1.48	
Total BTX	<0.300	0.300	07/15/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	07/14/2017	ND	416	104	400	3.77		

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	07/17/2017	ND	196	97.8	200	6.85	
DRO >C10-C28	<10.0	10.0	07/17/2017	ND	203	101	200	2.66	

Surrogate: 1-Chlorooctane 81.1 % 28.3-164

Surrogate: 1-Chlorooctadecane 82.0 % 34.7-157

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.



Mike Snyder For 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: 07/13/2017
Reported: 07/18/2017
Project Name: PEACHES 19 FED
Project Number: CTB- MALAGA
Project Location: HWY 285

Sampling Date: 07/12/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP2 @ 3 (H701817-05)

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	07/17/2017	ND	1.88	94.1	2.00	1.32		
Toluene*	<0.050	0.050	07/17/2017	ND	1.73	86.5	2.00	2.22		
Ethylbenzene*	<0.050	0.050	07/17/2017	ND	1.78	89.2	2.00	3.42		
Total Xylenes*	<0.150	0.150	07/17/2017	ND	5.39	89.9	6.00	3.60		
Total BTEx	<0.300	0.300	07/17/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/14/2017	ND	448	112	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	07/17/2017	ND	196	97.8	200	6.85	
DRO >C10-C28	<10.0	10.0	07/17/2017	ND	203	101	200	2.66	

Surrogate: 1-Chlorooctane 91.0 % 28.3-164

Surrogate: 1-Chlorooctadecane 94.4 % 34.7-157

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.



Mike Snyder For 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: 07/13/2017
Reported: 07/18/2017
Project Name: PEACHES 19 FED
Project Number: CTB- MALAGA
Project Location: HWY 285

Sampling Date: 07/12/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP2 @ 4 (H701817-06)

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	07/17/2017	ND	1.88	94.1	2.00	1.32		
Toluene*	<0.050	0.050	07/17/2017	ND	1.73	86.5	2.00	2.22		
Ethylbenzene*	<0.050	0.050	07/17/2017	ND	1.78	89.2	2.00	3.42		
Total Xylenes*	<0.150	0.150	07/17/2017	ND	5.39	89.9	6.00	3.60		
Total BTEx	<0.300	0.300	07/17/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/14/2017	ND	448	112	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	07/17/2017	ND	196	97.8	200	6.85	
DRO >C10-C28	<10.0	10.0	07/17/2017	ND	203	101	200	2.66	

Surrogate: 1-Chlorooctane 82.4 % 28.3-164

Surrogate: 1-Chlorooctadecane 85.9 % 34.7-157

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.



Mike Snyder For 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:	07/13/2017	Sampling Date:	07/12/2017
Reported:	07/18/2017	Sampling Type:	Soil
Project Name:	PEACHES 19 FED	Sampling Condition:	Cool & Intact
Project Number:	CTB- MALAGA	Sample Received By:	Tamara Oldaker
Project Location:	HWY 285		

Sample ID: SP3 @ 2 (H701817-07)

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	07/17/2017	ND	1.88	94.1	2.00	1.32		
Toluene*	<0.050	0.050	07/17/2017	ND	1.73	86.5	2.00	2.22		
Ethylbenzene*	<0.050	0.050	07/17/2017	ND	1.78	89.2	2.00	3.42		
Total Xylenes*	<0.150	0.150	07/17/2017	ND	5.39	89.9	6.00	3.60		
Total BTX	<0.300	0.300	07/17/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 72-148

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/14/2017	ND	448	112	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	07/17/2017	ND	196	97.8	200	6.85	
DRO >C10-C28	<10.0	10.0	07/17/2017	ND	203	101	200	2.66	

Surrogate: 1-Chlorooctane 88.7 % 28.3-164

Surrogate: 1-Chlorooctadecane 90.2 % 34.7-157

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.



Mike Snyder For 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: 07/13/2017
Reported: 07/18/2017
Project Name: PEACHES 19 FED
Project Number: CTB- MALAGA
Project Location: HWY 285

Sampling Date: 07/12/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP3 @ 3 (H701817-08)

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	07/17/2017	ND	1.88	94.1	2.00	1.32		
Toluene*	<0.050	0.050	07/17/2017	ND	1.73	86.5	2.00	2.22		
Ethylbenzene*	<0.050	0.050	07/17/2017	ND	1.78	89.2	2.00	3.42		
Total Xylenes*	<0.150	0.150	07/17/2017	ND	5.39	89.9	6.00	3.60		
Total BTEx	<0.300	0.300	07/17/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	07/14/2017	ND	448	112	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	07/17/2017	ND	196	97.8	200	6.85	
DRO >C10-C28	<10.0	10.0	07/17/2017	ND	203	101	200	2.66	

Surrogate: 1-Chlorooctane 83.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 84.9 % 34.7-157

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.



Mike Snyder For 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: 07/13/2017
Reported: 07/18/2017
Project Name: PEACHES 19 FED
Project Number: CTB- MALAGA
Project Location: HWY 285

Sampling Date: 07/12/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP4 @ 2 (H701817-09)

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	07/17/2017	ND	1.88	94.1	2.00	1.32		
Toluene*	<0.050	0.050	07/17/2017	ND	1.73	86.5	2.00	2.22		
Ethylbenzene*	<0.050	0.050	07/17/2017	ND	1.78	89.2	2.00	3.42		
Total Xylenes*	<0.150	0.150	07/17/2017	ND	5.39	89.9	6.00	3.60		
Total BTEx	<0.300	0.300	07/17/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/14/2017	ND	448	112	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	07/17/2017	ND	196	97.8	200	6.85	
DRO >C10-C28	13.9	10.0	07/17/2017	ND	203	101	200	2.66	

Surrogate: 1-Chlorooctane 84.4 % 28.3-164

Surrogate: 1-Chlorooctadecane 85.7 % 34.7-157

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.



Mike Snyder For 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: 07/13/2017
Reported: 07/18/2017
Project Name: PEACHES 19 FED
Project Number: CTB- MALAGA
Project Location: HWY 285

Sampling Date: 07/12/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP4 @ 3 (H701817-10)

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	07/17/2017	ND	1.88	94.1	2.00	1.32		
Toluene*	<0.050	0.050	07/17/2017	ND	1.73	86.5	2.00	2.22		
Ethylbenzene*	<0.050	0.050	07/17/2017	ND	1.78	89.2	2.00	3.42		
Total Xylenes*	<0.150	0.150	07/17/2017	ND	5.39	89.9	6.00	3.60		
Total BTEx	<0.300	0.300	07/17/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	07/14/2017	ND	448	112	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	07/17/2017	ND	196	97.8	200	6.85	
DRO >C10-C28	<10.0	10.0	07/17/2017	ND	203	101	200	2.66	

Surrogate: 1-Chlorooctane 89.5 % 28.3-164

Surrogate: 1-Chlorooctadecane 89.5 % 34.7-157

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.



Mike Snyder For 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: 07/13/2017
Reported: 07/18/2017
Project Name: PEACHES 19 FED
Project Number: CTB- MALAGA
Project Location: HWY 285

Sampling Date: 07/12/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: SP5 @ 2 (H701817-11)

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	07/17/2017	ND	1.88	94.1	2.00	1.32		
Toluene*	<0.050	0.050	07/17/2017	ND	1.73	86.5	2.00	2.22		
Ethylbenzene*	<0.050	0.050	07/17/2017	ND	1.78	89.2	2.00	3.42		
Total Xylenes*	<0.150	0.150	07/17/2017	ND	5.39	89.9	6.00	3.60		
Total BTEx	<0.300	0.300	07/17/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	07/14/2017	ND	448	112	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	07/17/2017	ND	196	97.8	200	6.85	
DRO >C10-C28	<10.0	10.0	07/17/2017	ND	203	101	200	2.66	

Surrogate: 1-Chlorooctane 95.3 % 28.3-164

Surrogate: 1-Chlorooctadecane 94.9 % 34.7-157

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.



Mike Snyder For 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:	07/13/2017	Sampling Date:	07/12/2017
Reported:	07/18/2017	Sampling Type:	Soil
Project Name:	PEACHES 19 FED	Sampling Condition:	Cool & Intact
Project Number:	CTB- MALAGA	Sample Received By:	Tamara Oldaker
Project Location:	HWY 285		

Sample ID: SP5 @ 3 (H701817-12)

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	07/17/2017	ND	1.88	94.1	2.00	1.32		
Toluene*	<0.050	0.050	07/17/2017	ND	1.73	86.5	2.00	2.22		
Ethylbenzene*	<0.050	0.050	07/17/2017	ND	1.78	89.2	2.00	3.42		
Total Xylenes*	<0.150	0.150	07/17/2017	ND	5.39	89.9	6.00	3.60		
Total BTX	<0.300	0.300	07/17/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 72-148

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	07/14/2017	ND	448	112	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	07/17/2017	ND	196	97.8	200	6.85	
DRO >C10-C28	<10.0	10.0	07/17/2017	ND	203	101	200	2.66	

Surrogate: 1-Chlorooctane 86.6 % 28.3-164

Surrogate: 1-Chlorooctadecane 90.0 % 34.7-157

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.



Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

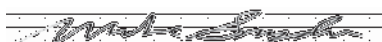
Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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



Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		BILL TO												ANALYSIS REQUEST																									
Project Manager: Cliff Brunson		Company:		OKY																																					
Address: P.O. Box 805		Attn:																																							
City: Hobbs		Address:		Jamez																																					
Phone #: 575-397-6388		City:																																							
State: NM Zip: 88241		State:																																							
Fax #: 575-397-0397		Zip:																																							
Project #:		Project Owner:		OKY																																					
Project Name: Peaches 19 Federal		Phone #:																																							
Project Location: M2192		Fax #:																																							
Sampler Name: V.O.		PRESERV																																							
FOR LAB USE ONLY		SAMPLING																																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER :		ACID/BASE :		ICE / COOL		OTHER :		DATE		TIME		BTEX TPH Cl-											
H01817		SP503		C1		1		X		X		X		X		X		X		X		X		X		7-17		209													
11		12																																							
Relinquished By: V.H. Crady		Date: 7-13-17		Received By: J. J. J.		Date: 7-13-17		Sample Condition		Cool		Intact		Checked By: (Initials)		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:		REMARKS:																	
Delivered By: (Circle One) 3.46		Time: 11:50		Received By: J. J. J.		Time: 7:12		Sample Condition		Cool		Intact		Checked By: (Initials)		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:																			
Sampler - UPS - Bus - Other: Forwarded 2.650		Time: 7:45		Received By: J. J. J.		Time: 7:45		Sample Condition		Cool		Intact		Checked By: (Initials)		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:																			

+ Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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 April 3, 2017

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 USA INC	Contact	CASEY L SUMMERS
Address	PO BOX 4294; HOUSTON, TX 77210	Telephone No.	575-513-8289
Facility Name	PEACHES 19 CTB	Facility Type	BATTERY

Surface Owner	FEDERAL	Mineral Owner	FEDERAL	API No.	30-015-40250
---------------	---------	---------------	---------	---------	--------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	19	25S	27E	330	NORTH	2310	EAST	EDDY

Latitude 32.121769 Longitude -104.2283325 NAD83

NATURE OF RELEASE

Type of Release	OIL & PRODUCED WATER	Volume of Release	6bbls/6bbls	Volume Recovered	10 bbls
Source of Release	Site glass on production separator	Date and Hour of Occurrence	5-12-2017	Date and Hour of Discovery	5-16-2017
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	MIKE BRATCHER-NMOCD, CRYSTAL WEAVER-NMOCD, SHELLY TUCKER-BLM		
By Whom?	CASEY SUMMERS	Date and Hour	5-15-2017 @ 10:12AM		
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.*

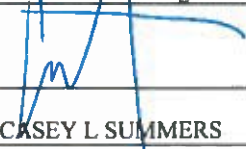
Describe Cause of Problem and Remedial Action Taken.*

The leak was caused by a failure with the site glass on production separator. It has been repaired and 10 bbls of free fluids was recovered via vacuum truck.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 40x40ft (measurements area subject to change with future GPS track). Remediation will be completed in accordance with a remediation plan approved by the NMOCD.

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: CASEY L SUMMERS		Approved by Environmental Specialist:	
Title: ENVIRONMENTAL ADVISOR		Approval Date:	Expiration Date:
E-mail Address: casey_summers@oxy.com		Conditions of Approval:	
Date: 5-17-17 Phone: 575-513-8289		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary