



DELINEATION WORKPLAN

OXY – RED TANK 35 FEDERAL #3 SWD BATTERY **(Leak Dates: 10/14/15, 12/23/15, 01/18/16, 04/22/16, 06/21/16, 05/1/17)**

RP # 1RP-3973, 1RP-4093, 1RP-4118, 1RP-4267, 1RP-4339, 1RP-4689

This delineation workplan and remediation proposal addresses the releases associated with RP # 1RP-3973, 1RP-4093, 1RP-4118, 1RP-4267, 1RP-4339, 1RP-4689.

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 areas as depicted on the following site diagram. The leak areas in blue shade are 4-foot excavations with a liner placed in the excavation. The leak areas in pink shade are surface scrape only. The leak area in green shade is a 3.5-foot excavation. The leak area in orange is a 1-foot excavation. The area in yellow shade will require zero remediation. Additional delineation samples will be taken and they are represented by the black circle points near SP1 and SP2 in the blue shade area near the pumps. The white diamond shapes represent confirmation sample points as discussed with the NMOCD and BLM.

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, Red Tank 35 Federal #3 SWD Battery

Lea County, NM API# 30-025-33149
IRP 3973, 4093, 4118, 4267, 4339, 4689

Legend

- 1' excavation
- 3.5' excavation
- 4' excavation with liner
- Additional delineation samples
- Leak Area 6-21-16
- Leak area, 1-18-16
- Leak Area, 4-22-16
- Leak areas, 10-14-15, 12-23-15, & 5-1-17
- No remediation activities
- Overspray Area, 12-23-15 leak
- Proposed confirmation samples
- Sample points, 10-14-15
- Sample points, 1-18-16
- Sample points, 12-23-15
- Sample points, 4-22-16
- Surface scrape only

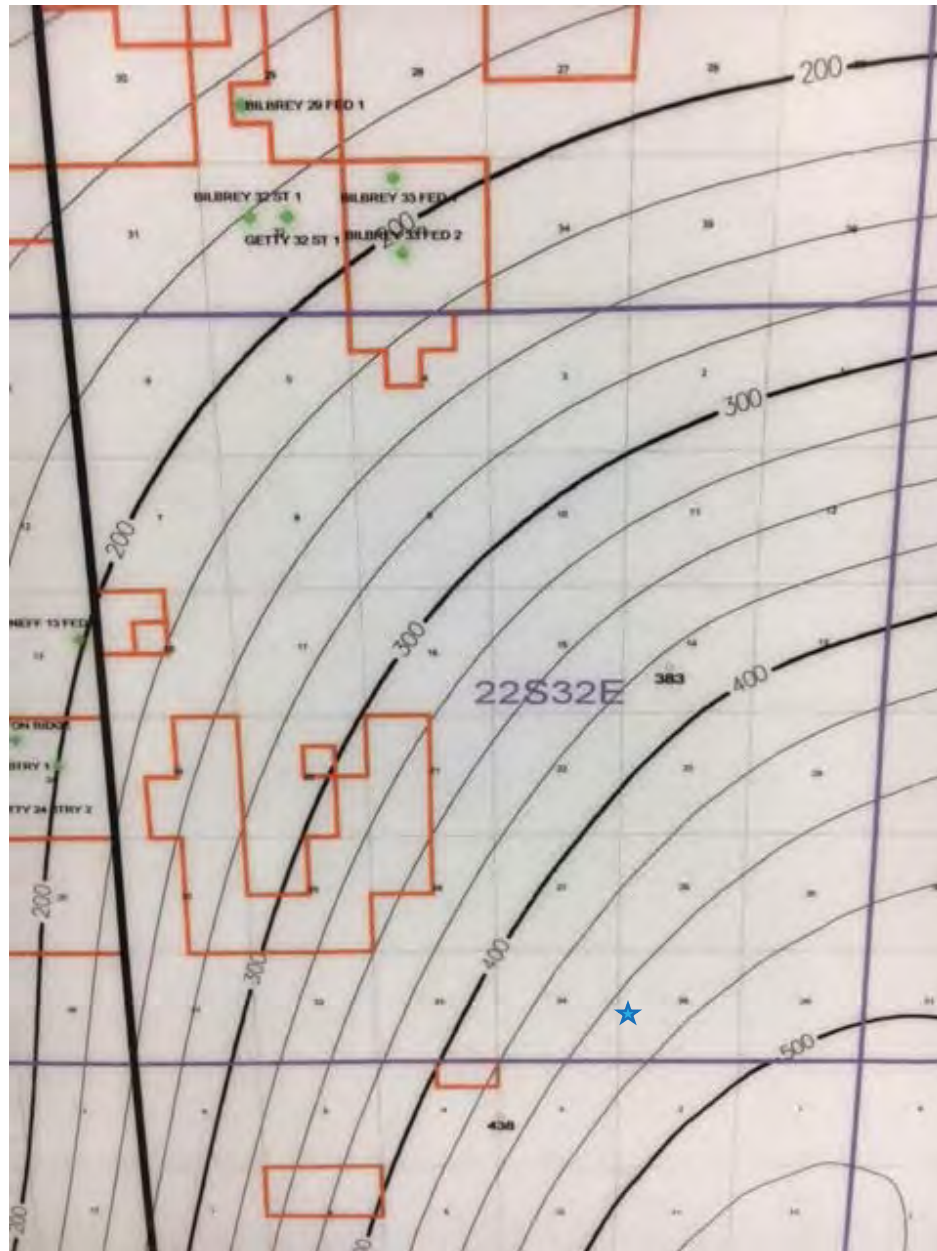
Google Earth

© 2018 Google



100 ft

Oxy, Red Tank 35 Federal #3 SWD Btry
U/L L, Section 35, T22S, R32E
Groundwater: 450'





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(quarters are smallest to largest) (NAD83 UTM in meters)

No records found.

UTMNAD83 Radius Search (in meters):

Easting (X): 626864

Northing (Y): 3579629

Radius: 1700

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 10:31 AM

WATER COLUMN/ AVERAGE
DEPTH TO WATER

Public Land Survey System (PLSS)

☐

Q64:

Q16:

NW

Q4:

SW

Sec:

35

Tws:

22S

Rng:

32E

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):

626864.0

mtrs

Northing (Y):

3579629.0

mtrs

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

http://nmwrrs.ose.state.nm.us/nmwrrs/ConvertUTMDispatcher[6/1/2017 10:34:09 AM]

Laboratory Analytical Results Summary
Red Tank 35 Federal #3 SWD Battery

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
Analyte	Method	Date	11/5/15	11/5/15	11/5/15	11/5/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.61	<0.100	<0.050	<0.050
Toluene	BTEX 8021B		3.18	0.758	3.06	<0.050
Ethylbenzene	BTEX 8021B		5.4	2.15	4.85	<0.050
Total Xylenes	BTEX 8021B		21.7	6.51	23.9	<0.150
Total BTEX	BTEX 8021B		30.9	9.41	31.8	<0.300
Chloride	SM4500Cl-B		1760	2720	704	272
GRO	TPH 8015M		1050	300	908	<10.0
DRO	TPH 8015M		6760	3290	4800	75.3

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	11/5/15	11/5/15	11/5/15	11/5/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<1.00	<0.200	<0.050	<0.050
Toluene	BTEX 8021B		3.02	0.626	1.07	<0.050
Ethylbenzene	BTEX 8021B		6.06	2.01	2.56	<0.050
Total Xylenes	BTEX 8021B		23.5	5.51	10.7	<0.150
Total BTEX	BTEX 8021B		32.6	8.14	14.4	<0.300
Chloride	SM4500Cl-B		1520	2480	2200	224
GRO	TPH 8015M		1500	287	678	<10.0
DRO	TPH 8015M		9270	3760	5140	44

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	11/5/15	11/5/15	11/5/15	11/5/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<1.00	<0.200	<0.500	<0.050
Toluene	BTEX 8021B		3.09	0.883	1.71	<0.050
Ethylbenzene	BTEX 8021B		6.35	2.56	4.13	<0.050
Total Xylenes	BTEX 8021B		32.4	10.7	20.7	<0.150
Total BTEX	BTEX 8021B		41.8	14.1	26.6	<0.300
Chloride	SM4500Cl-B		1840	2520	2000	192
GRO	TPH 8015M		1240	377	980	<10.0
DRO	TPH 8015M		8380	3520	7090	22.2

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'	SP4 @ 5'	SP4 @ 6'
Analyte	Method	Date	11/5/15	11/5/15	11/5/15	11/5/15	12/2/15	12/2/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.200	<0.050	<0.200	<0.200	<0.050	<0.050
Toluene	BTEX 8021B		0.84	1.4	1.21	0.604	<0.050	<0.050
Ethylbenzene	BTEX 8021B		2.32	2.71	3.19	1.65	<0.050	<0.050
Total Xylenes	BTEX 8021B		8.1	14.3	12.5	7.59	<0.150	<0.150
Total BTEX	BTEX 8021B		11.3	18.4	16.9	9.84	<0.300	<0.300
Chloride	SM4500Cl-B		1100	1540	2280	976	<16.0	<16.0
GRO	TPH 8015M		366	1240	528	297	<10.0	<10.0
DRO	TPH 8015M		3370	7620	4680	2570	<10.0	<10.0

		Sample	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'
Analyte	Method	Date	11/5/15	11/5/15	11/5/15	11/5/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.500	<0.200	<0.500	<0.050
Toluene	BTEX 8021B		1.36	1	2.24	<0.050
Ethylbenzene	BTEX 8021B		3.45	2.65	3.93	<0.050
Total Xylenes	BTEX 8021B		18.7	10.8	21.1	<0.150
Total BTEX	BTEX 8021B		23.5	14.4	27.3	<0.300
Chloride	SM4500Cl-B		608	1460	1600	304
GRO	TPH 8015M		945	492	987	<10.0
DRO	TPH 8015M		6060	3460	4450	184

Laboratory Analytical Results Summary
Red Tank 35 Federal #3 SWD Battery (12/23/2015)

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'
Analyte	Method	Date	3/21/16	3/21/16	3/21/16	3/21/16	3/21/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		1.17	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		1.62	<0.050	<0.050	<0.050	0.071
Total Xylenes	BTEX 8021B		8.55	<0.150	<0.150	<0.150	0.598
Total BTEX	BTEX 8021B		11.3	<0.300	<0.300	<0.300	0.67
Chloride	SM4500Cl-B		288	64	368	416	64
GRO	TPH 8015M		99.5	<10.0	<10.0	<10.0	25.7
DRO	TPH 8015M		1670	<10.0	<10.0	<10.0	178

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 5'	SP2 @ 6'	SP2 @ 7'
Analyte	Method	Date	3/22/16	3/22/16	3/22/16	3/22/16	3/22/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.100	<0.500	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		0.179	0.658	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.100	<0.500	<0.050	<0.050	0.058
Total Xylenes	BTEX 8021B		5.19	5.03	<0.150	<0.150	0.442
Total BTEX	BTEX 8021B		5.37	5.69	<0.300	<0.300	0.5
Chloride	SM4500Cl-B		1260	1880	912	464	96
GRO	TPH 8015M		256	833	<10.0	<10.0	10.3
DRO	TPH 8015M		5510	7070	318	<10.0	50.8

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	3/22/16	3/22/16	3/22/16	3/22/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.200	<0.050	0.055	<0.050
Toluene	BTEX 8021B		0.295	0.175	0.161	0.062
Ethylbenzene	BTEX 8021B		<0.200	0.424	0.363	0.086
Total Xylenes	BTEX 8021B		4.08	1.61	1.64	0.641
Total BTEX	BTEX 8021B		4.38	2.2	2.22	0.789
Chloride	SM4500Cl-B		1060	464	272	80
GRO	TPH 8015M		552	92.6	92.3	12.9
DRO	TPH 8015M		5920	1350	873	49.4

		Sample	SP4 @ 1'	SP4 @ 3'	SP4 @ 5'	SP4 @ 7'	SP4 @ 9'	SP4 @ 10'	SP4 @ 11'
Analyte	Method	Date	3/22/16	3/22/16	3/22/16	3/22/16	3/22/16	3/22/16	3/22/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.526	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		1.97	0.054	0.535	0.103	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		3.81	<0.050	0.848	0.194	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		28.3	1.23	6.19	1.5	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		34.6	1.28	7.58	1.79	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		12000	6400	6560	5440	3800	512	48
GRO	TPH 8015M		721	30.7	352	56.1	<10.0	<10.0	<10.0
DRO	TPH 8015M		8870	404	6920	1480	38.2	24.1	<10.0

		Sample	SP5 @ 1'	SP5 @ 3'	SP5 @ 5'	SP5 @ 7'	SP5 @ 9'
Analyte	Method	Date	3/23/16	3/23/16	3/23/16	3/23/16	3/23/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.500	0.113	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		1.83	0.867	0.115	<0.050	<0.050
Ethylbenzene	BTEX 8021B		3.15	1.87	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		25.3	15.9	2.28	0.186	<0.150
Total BTEX	BTEX 8021B		30.3	18.7	2.39	<0.300	<0.300
Chloride	SM4500Cl-B		5760	4240	2040	1600	48
GRO	TPH 8015M		1030	180	59.4	14.9	<10.0
DRO	TPH 8015M		15400	1910	1060	617	<10.0

		Sample	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'	SP6 @ 4'	SP6 @ 5'
Analyte	Method	Date	3/25/16	3/25/16	3/25/16	3/25/16	3/25/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.500	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		2.51	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		3.96	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		23	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		29.5	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		7330	640	624	336	48
GRO	TPH 8015M		1070	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		13400	39	53.1	11.7	<10.0

		Sample	SP7 @ 1'	SP7 @ 3'	SP7 @ 4'	SP7 @ 5'
Analyte	Method	Date	3/25/16	3/25/16	3/25/16	3/25/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<1.00	<0.200	<0.050	<0.050
Toluene	BTEX 8021B		2.33	0.597	<0.050	<0.050
Ethylbenzene	BTEX 8021B		3.75	1.46	<0.050	<0.050
Total Xylenes	BTEX 8021B		20.8	5.62	<0.150	<0.150
Total BTEX	BTEX 8021B		26.8	7.68	<0.300	<0.300
Chloride	SM4500Cl-B		1250	240	288	<16.0
GRO	TPH 8015M		1580	394	<10.0	<10.0
DRO	TPH 8015M		17800	5690	53.9	<10.0

		Sample	SP8 @ 1'
Analyte	Method	Date	3/25/16
			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		64
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Laboratory Analytical Results Summary
Red Tank 35 Federal #3 SWD Battery (12/23/2015)

		Sample	SP9 @ 1'
Analyte	Method	Date	3/25/16
			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		48
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SP10 @ Surface	SP10 @ 1'
Analyte	Method	Date	3/28/16	3/28/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.2	<0.050
Ethylbenzene	BTEX 8021B		0.296	<0.050
Total Xylenes	BTEX 8021B		2.4	<0.150
Total BTEX	BTEX 8021B		2.89	<0.300
Chloride	SM4500Cl-B		592	<16.0
GRO	TPH 8015M		42.8	<10.0
DRO	TPH 8015M		2200	<10.0

		Sample	SP11 @ Surface	SP11 @ 1'
Analyte	Method	Date	3/28/16	3/28/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.109	<0.050
Ethylbenzene	BTEX 8021B		0.187	<0.050
Total Xylenes	BTEX 8021B		1.42	<0.150
Total BTEX	BTEX 8021B		1.72	<0.300
Chloride	SM4500Cl-B		160	<16.0
GRO	TPH 8015M		24.9	<10.0
DRO	TPH 8015M		894	<10.0

		Sample	SP12 @ Surface	SP12 @ 1'
Analyte	Method	Date	3/28/16	3/28/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.121	<0.050
Ethylbenzene	BTEX 8021B		0.21	<0.050
Total Xylenes	BTEX 8021B		1.55	<0.150
Total BTEX	BTEX 8021B		1.88	<0.300
Chloride	SM4500Cl-B		96	32
GRO	TPH 8015M		28.4	<10.0
DRO	TPH 8015M		990	<10.0

		Sample	SP13 @ Surface	SP13 @ 1'
Analyte	Method	Date	3/28/16	3/28/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.173	<0.050
Ethylbenzene	BTEX 8021B		0.215	<0.050
Total Xylenes	BTEX 8021B		1.64	<0.150
Total BTEX	BTEX 8021B		2.03	<0.300
Chloride	SM4500Cl-B		80	<16.0
GRO	TPH 8015M		24.6	<10.0
DRO	TPH 8015M		30.5	<10.0

		Sample	SP14 @ Surface	SP14 @ 1'
Analyte	Method	Date	3/28/16	3/28/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.072	<0.050
Ethylbenzene	BTEX 8021B		0.139	<0.050
Total Xylenes	BTEX 8021B		1.07	<0.150
Total BTEX	BTEX 8021B		1.28	<0.300
Chloride	SM4500Cl-B		112	<16.0
GRO	TPH 8015M		17.5	<10.0
DRO	TPH 8015M		30.9	<10.0

Laboratory Analytical Results Summary
Red Tank 35 Federal #3 SWD Battery (1/18/16)

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'	SP1 @ 7'	SP1 @ 9'	SP1 @ 11'	SP1 @ 12'
Analyte	Method	Date	3/31/16	3/31/16	3/31/16	3/31/16	3/31/16	3/31/16	3/31/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		4640	3040	23200	24400	2640	<16.0	32
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 5'	SP2 @ 6'	SP2 @ 7'
Analyte	Method	Date	3/31/16	3/31/16	3/31/16	3/31/16	3/31/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		4400	3080	96	<16.0	48
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP3 @ 1'	SP3 @ 3'	SP3 @ 4'	SP3 @ 5'	SP3 @ 6'
Analyte	Method	Date	3/31/16	3/31/16	3/31/16	3/31/16	3/31/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		138000	272	80	368	624
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'	SP4 @ 5'
Analyte	Method	Date	3/31/16	3/31/16	3/31/16	3/31/16	3/31/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		176	64	96	64	352
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP9 @ 1'	SP9 @ 3'	SP9 @ 5'	SP9 @ 7'	SP9 @ 8'	SP9 @ 9'
Analyte	Method	Date	4/4/16	4/4/16	4/4/16	4/4/16	4/4/16	4/4/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		55200	1150	1090	160	<16.0	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a

		Sample	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'	SP5 @ 5'
Analyte	Method	Date	4/4/16	4/4/16	4/4/16	4/4/16	4/4/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		5060	<16.0	32	64	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'	SP6 @ 4'
Analyte	Method	Date	4/4/16	4/4/16	4/4/16	4/4/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a
Chloride	SM4500Cl-B		112	192	48	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a

		Sample	SP7 @ 1'	SP7 @ 2'	SP7 @ 4'	SP7 @ 5'	SP7 @ 6'
Analyte	Method	Date	4/4/16	4/4/16	4/4/16	4/4/16	4/4/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		96	128	656	<16.0	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP8 @ 1'	SP8 @ 3'	SP8 @ 5'	SP8 @ 7'	SP8 @ 9'	SP8 @ 10'	SP8 @ 11'
Analyte	Method	Date	4/4/16	4/4/16	4/4/16	4/4/16	4/4/16	4/4/16	4/4/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		18600	1600	1560	656	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a

**Laboratory Analytical Results Summary
Red Tank 35 Federal #3 SWD Battery**

		Sample	SP1 @ 1'	SP1 @ 4'	SP1 @ 7'	SP1 @ 9'
Analyte	Method	Date	5/9/16	5/9/16	5/9/16	5/9/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		22400	7600	9200	11600

		Sample	SP2 @ 1'	SP2 @ 4'	SP2 @ 7'	SP2 @ 9'
Analyte	Method	Date	5/9/16	5/9/16	5/9/16	5/9/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		23200	6000	9860	13300

November 17, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 35 FEDERAL #3

Enclosed are the results of analyses for samples received by the laboratory on 11/11/15 16:12.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 1 @ 1' (H502995-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.610	0.500	11/16/2015	ND	1.68	83.9	2.00	8.03	
Toluene*	3.18	0.500	11/16/2015	ND	1.88	94.2	2.00	5.03	
Ethylbenzene*	5.40	0.500	11/16/2015	ND	1.73	86.3	2.00	3.58	
Total Xylenes*	21.7	1.50	11/16/2015	ND	5.51	91.9	6.00	3.16	
Total BTX	30.9	3.00	11/16/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	1760	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1050	100	11/13/2015	ND	183	91.5	200	2.73		
DRO >C10-C28	6760	100	11/13/2015	ND	184	92.0	200	1.57		

Surrogate: 1-Chlorooctane 145 % 35-147

Surrogate: 1-Chlorooctadecane 173 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 1 @ 2' (H502995-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	11/16/2015	ND	1.68	83.9	2.00	8.03	
Toluene*	0.758	0.100	11/16/2015	ND	1.88	94.2	2.00	5.03	
Ethylbenzene*	2.15	0.100	11/16/2015	ND	1.73	86.3	2.00	3.58	
Total Xylenes*	6.51	0.300	11/16/2015	ND	5.51	91.9	6.00	3.16	
Total BTX	9.41	0.600	11/16/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 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	2720	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	300	50.0	11/13/2015	ND	183	91.5	200	2.73	
DRO >C10-C28	3290	50.0	11/13/2015	ND	184	92.0	200	1.57	

Surrogate: 1-Chlorooctane 116 % 35-147

Surrogate: 1-Chlorooctadecane 136 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 1 @ 3' (H502995-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/16/2015	ND	1.68	83.9	2.00	8.03	
Toluene*	3.06	0.500	11/16/2015	ND	1.88	94.2	2.00	5.03	
Ethylbenzene*	4.85	0.500	11/16/2015	ND	1.73	86.3	2.00	3.58	
Total Xylenes*	23.9	1.50	11/16/2015	ND	5.51	91.9	6.00	3.16	
Total BTX	31.8	3.00	11/16/2015	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	908	50.0	11/13/2015	ND	183	91.5	200	2.73	
DRO >C10-C28	4800	50.0	11/13/2015	ND	184	92.0	200	1.57	

Surrogate: 1-Chlorooctane 143 % 35-147

Surrogate: 1-Chlorooctadecane 151 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 1 @ 4' (H502995-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/16/2015	ND	1.68	83.9	2.00	8.03		
Toluene*	<0.050	0.050	11/16/2015	ND	1.88	94.2	2.00	5.03		
Ethylbenzene*	<0.050	0.050	11/16/2015	ND	1.73	86.3	2.00	3.58		
Total Xylenes*	<0.150	0.150	11/16/2015	ND	5.51	91.9	6.00	3.16		
Total BTEX	<0.300	0.300	11/16/2015	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	272	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/13/2015	ND	183	91.5	200	2.73	
DRO >C10-C28	75.3	10.0	11/13/2015	ND	184	92.0	200	1.57	

Surrogate: 1-Chlorooctane 84.8 % 35-147

Surrogate: 1-Chlorooctadecane 87.7 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 2 @ 1' (H502995-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	11/16/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	3.02	1.00	11/16/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	6.06	1.00	11/16/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	23.5	3.00	11/16/2015	ND	6.30	105	6.00	1.32	
Total BTEX	32.6	6.00	11/16/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	1520	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1500	100	11/13/2015	ND	183	91.5	200	2.73		
DRO >C10-C28	9270	100	11/13/2015	ND	184	92.0	200	1.57		

Surrogate: 1-Chlorooctane 143 % 35-147

Surrogate: 1-Chlorooctadecane 221 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 2 @ 2' (H502995-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/16/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	0.626	0.200	11/16/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	2.01	0.200	11/16/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	5.51	0.600	11/16/2015	ND	6.30	105	6.00	1.32	
Total BTEX	8.14	1.20	11/16/2015	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2480	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	287	50.0	11/13/2015	ND	183	91.5	200	2.73	
DRO >C10-C28	3760	50.0	11/13/2015	ND	184	92.0	200	1.57	

Surrogate: 1-Chlorooctane 116 % 35-147

Surrogate: 1-Chlorooctadecane 143 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 2 @ 3' (H502995-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/16/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	1.07	0.500	11/16/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	2.56	0.500	11/16/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	10.7	1.50	11/16/2015	ND	6.30	105	6.00	1.32	
Total BTEX	14.4	3.00	11/16/2015	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	678	50.0	11/13/2015	ND	183	91.5	200	2.73	
DRO >C10-C28	5140	50.0	11/13/2015	ND	184	92.0	200	1.57	

Surrogate: 1-Chlorooctane 139 % 35-147

Surrogate: 1-Chlorooctadecane 155 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 2 @ 4' (H502995-08)

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	11/16/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	<0.050	0.050	11/16/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	<0.050	0.050	11/16/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	<0.150	0.150	11/16/2015	ND	6.30	105	6.00	1.32	
Total BTX	<0.300	0.300	11/16/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/13/2015	ND	183	91.5	200	2.73	
DRO >C10-C28	44.0	10.0	11/13/2015	ND	184	92.0	200	1.57	

Surrogate: 1-Chlorooctane 85.2 % 35-147

Surrogate: 1-Chlorooctadecane 88.3 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 3 @ 1' (H502995-09)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	11/16/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	3.09	1.00	11/16/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	6.35	1.00	11/16/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	32.4	3.00	11/16/2015	ND	6.30	105	6.00	1.32	
Total BTEX	41.8	6.00	11/16/2015	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1240	50.0	11/13/2015	ND	183	91.5	200	2.73		
DRO >C10-C28	8380	50.0	11/13/2015	ND	184	92.0	200	1.57		

Surrogate: 1-Chlorooctane 147 % 35-147

Surrogate: 1-Chlorooctadecane 200 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 3 @ 2' (H502995-10)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/16/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	0.883	0.200	11/16/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	2.56	0.200	11/16/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	10.7	0.600	11/16/2015	ND	6.30	105	6.00	1.32	
Total BTX	14.1	1.20	11/16/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	377	50.0	11/13/2015	ND	183	91.5	200	2.73	
DRO >C10-C28	3520	50.0	11/13/2015	ND	184	92.0	200	1.57	

Surrogate: 1-Chlorooctane 124 % 35-147

Surrogate: 1-Chlorooctadecane 142 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 3 @ 3' (H502995-11)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/16/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	1.71	0.500	11/16/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	4.13	0.500	11/16/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	20.7	1.50	11/16/2015	ND	6.30	105	6.00	1.32	
Total BTEX	26.6	3.00	11/16/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	2000	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	980	50.0	11/13/2015	ND	195	97.6	200	1.32		
DRO >C10-C28	7090	50.0	11/13/2015	ND	195	97.7	200	1.13		

Surrogate: 1-Chlorooctane 172 % 35-147

Surrogate: 1-Chlorooctadecane 197 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 3 @ 4' (H502995-12)

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	11/16/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	<0.050	0.050	11/16/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	<0.050	0.050	11/16/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	<0.150	0.150	11/16/2015	ND	6.30	105	6.00	1.32	
Total BTX	<0.300	0.300	11/16/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	192	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/13/2015	ND	195	97.6	200	1.32	
DRO >C10-C28	22.2	10.0	11/13/2015	ND	195	97.7	200	1.13	

Surrogate: 1-Chlorooctane 93.6 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 1' (H502995-13)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/16/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	0.840	0.200	11/16/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	2.32	0.200	11/16/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	8.10	0.600	11/16/2015	ND	6.30	105	6.00	1.32	
Total BTX	11.3	1.20	11/16/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	366	50.0	11/14/2015	ND	195	97.6	200	1.32	
DRO >C10-C28	3370	50.0	11/14/2015	ND	195	97.7	200	1.13	

Surrogate: 1-Chlorooctane 123 % 35-147

Surrogate: 1-Chlorooctadecane 138 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 2' (H502995-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/16/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	1.40	0.500	11/16/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	2.71	0.500	11/16/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	14.3	1.50	11/16/2015	ND	6.30	105	6.00	1.32	
Total BTEX	18.4	3.00	11/16/2015	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	11/13/2015	ND	480	120	400	6.90	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1240	50.0	11/14/2015	ND	195	97.6	200	1.32		
DRO >C10-C28	7620	50.0	11/14/2015	ND	195	97.7	200	1.13		

Surrogate: 1-Chlorooctane 186 % 35-147

Surrogate: 1-Chlorooctadecane 190 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 3' (H502995-15)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.200	0.200	11/16/2015	ND	1.92	96.1	2.00	0.933		
Toluene*	1.21	0.200	11/16/2015	ND	2.16	108	2.00	1.02		
Ethylbenzene*	3.19	0.200	11/16/2015	ND	2.00	99.9	2.00	0.898		
Total Xylenes*	12.5	0.600	11/16/2015	ND	6.30	105	6.00	1.32		
Total BTX	16.9	1.20	11/16/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 131 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2280	16.0	11/13/2015	ND	480	120	400	6.90		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	528	50.0	11/14/2015	ND	195	97.6	200	1.32		
DRO >C10-C28	4680	50.0	11/14/2015	ND	195	97.7	200	1.13		

Surrogate: 1-Chlorooctane 131 % 35-147

Surrogate: 1-Chlorooctadecane 157 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 4' (H502995-16)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/16/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	0.604	0.200	11/16/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	1.65	0.200	11/16/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	7.59	0.600	11/16/2015	ND	6.30	105	6.00	1.32	
Total BTX	9.84	1.20	11/16/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	11/13/2015	ND	432	108	400	11.8	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	297	10.0	11/14/2015	ND	195	97.6	200	1.32	
DRO >C10-C28	2570	10.0	11/14/2015	ND	195	97.7	200	1.13	

Surrogate: 1-Chlorooctane 121 % 35-147

Surrogate: 1-Chlorooctadecane 128 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 5 @ 1' (H502995-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/17/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	1.36	0.500	11/17/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	3.45	0.500	11/17/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	18.7	1.50	11/17/2015	ND	6.30	105	6.00	1.32	
Total BTX	23.5	3.00	11/17/2015	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/13/2015	ND	432	108	400	11.8	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	945	50.0	11/14/2015	ND	195	97.6	200	1.32		
DRO >C10-C28	6060	50.0	11/14/2015	ND	195	97.7	200	1.13		

Surrogate: 1-Chlorooctane 167 % 35-147

Surrogate: 1-Chlorooctadecane 168 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 5 @ 2' (H502995-18)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/17/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	1.00	0.200	11/17/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	2.65	0.200	11/17/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	10.8	0.600	11/17/2015	ND	6.30	105	6.00	1.32	
Total BTX	14.4	1.20	11/17/2015	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1460	16.0	11/13/2015	ND	432	108	400	11.8	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	492	50.0	11/14/2015	ND	195	97.6	200	1.32	
DRO >C10-C28	3460	50.0	11/14/2015	ND	195	97.7	200	1.13	

Surrogate: 1-Chlorooctane 128 % 35-147

Surrogate: 1-Chlorooctadecane 142 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 5 @ 3' (H502995-19)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	11/17/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	2.24	0.500	11/17/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	3.93	0.500	11/17/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	21.1	1.50	11/17/2015	ND	6.30	105	6.00	1.32	
Total BTX	27.3	3.00	11/17/2015	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	11/13/2015	ND	432	108	400	11.8	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	987	50.0	11/14/2015	ND	195	97.6	200	1.32		
DRO >C10-C28	4450	50.0	11/14/2015	ND	195	97.7	200	1.13		

Surrogate: 1-Chlorooctane 157 % 35-147

Surrogate: 1-Chlorooctadecane 159 % 28-171

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:	11/11/2015	Sampling Date:	11/05/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	MILLS RANCH		

Sample ID: SP 5 @ 4' (H502995-20)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/17/2015	ND	1.92	96.1	2.00	0.933		
Toluene*	<0.050	0.050	11/17/2015	ND	2.16	108	2.00	1.02		
Ethylbenzene*	<0.050	0.050	11/17/2015	ND	2.00	99.9	2.00	0.898		
Total Xylenes*	<0.150	0.150	11/17/2015	ND	6.30	105	6.00	1.32		
Total BTEx	<0.300	0.300	11/17/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	304	16.0	11/13/2015	ND	432	108	400	11.8		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/14/2015	ND	195	97.6	200	1.32	
DRO >C10-C28	184	10.0	11/14/2015	ND	195	97.7	200	1.13	

Surrogate: 1-Chlorooctane 93.5 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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-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

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

242

Company Name: BBC International, Inc.		P.O. #:		BILL TO										ANALYSIS REQUEST																					
Project Manager: Cliff Brunson		Company:		ORD																															
Address: P.O. Box 805		Attn: CT		Brunson																															
City: Hobbs		Address:																																	
Phone #: 575-397-6388		City:																																	
Fax #: 575-397-0397		State:																																	
Project #:		Zip:																																	
Project Name: RTO Tank 35#3		Phone #:																																	
Project Location:		Fax #:																																	
Sampler Name: Rope Hammer		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		TPH		BTEX		CHLORIDE	
11502995		SP303		1		1		1		1		1		1		1		1		1		1		1		11-05-15		1243		✓		✓		✓	
12		SP401		1		1		1		1		1		1		1		1		1		1		1		11-05-15		108		✓		✓		✓	
13		SP402		1		1		1		1		1		1		1		1		1		1		1		11-05-15		142		✓		✓		✓	
14		SP403		1		1		1		1		1		1		1		1		1		1		1		11-05-15		152		✓		✓		✓	
15		SP404		1		1		1		1		1		1		1		1		1		1		1		11-05-15		208		✓		✓		✓	
16		SP501		1		1		1		1		1		1		1		1		1		1		1		11-05-15		220		✓		✓		✓	
17		SP502		1		1		1		1		1		1		1		1		1		1		1		11-05-15		300		✓		✓		✓	
18		SP503		1		1		1		1		1		1		1		1		1		1		1		11-05-15		311		✓		✓		✓	
19		SP504		1		1		1		1		1		1		1		1		1		1		1		11-05-15		324		✓		✓		✓	
20		SP505		1		1		1		1		1		1		1		1		1		1		1		11-05-15		338		✓		✓		✓	

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 pre-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: [Signature]	Date: 11-12-15	Time: 4:12	Received By: [Signature]	Date: 11-12-15	Time: 4:12			
Delivered By: (Circle One)	Sampler - UPS	Bus	Other	1.80	Sample Condition	Cool	Intact	Checked By: [Signature]
						Yes	Yes	
						No	No	

REMARKS:

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

Fax Result: ☐ Yes ☐ No Add'l Fax #:

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

December 09, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 35 FED #3 SWD BTRY

Enclosed are the results of analyses for samples received by the laboratory on 12/03/15 11:18.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,



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:	12/03/2015	Sampling Date:	12/02/2015
Reported:	12/09/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FED #3 SWD BTRY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	LEA COUNTY, NM		

Sample ID: SP4 @ 5' (H503159-01)

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	12/04/2015	ND	1.71	85.3	2.00	1.84	
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957	
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833	
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46	
Total BTX	<0.300	0.300	12/04/2015	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/08/2015	ND	432	108	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	12/07/2015	ND	205	103	200	5.26	
DRO >C10-C28	<10.0	10.0	12/07/2015	ND	207	103	200	6.52	

Surrogate: 1-Chlorooctane 97.1 % 35-147

Surrogate: 1-Chlorooctadecane 108 % 28-171

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:	12/03/2015	Sampling Date:	12/02/2015
Reported:	12/09/2015	Sampling Type:	Soil
Project Name:	RED TANK 35 FED #3 SWD BTRY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	LEA COUNTY, NM		

Sample ID: SP4 @ 6' (H503159-02)

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	12/04/2015	ND	1.71	85.3	2.00	1.84		
Toluene*	<0.050	0.050	12/04/2015	ND	1.70	85.0	2.00	0.957		
Ethylbenzene*	<0.050	0.050	12/04/2015	ND	1.76	87.8	2.00	0.833		
Total Xylenes*	<0.150	0.150	12/04/2015	ND	5.35	89.2	6.00	1.46		
Total BTEx	<0.300	0.300	12/04/2015	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/08/2015	ND	432	108	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	12/07/2015	ND	205	103	200	5.26	
DRO >C10-C28	<10.0	10.0	12/07/2015	ND	207	103	200	6.52	

Surrogate: 1-Chlorooctane 93.6 % 35-147

Surrogate: 1-Chlorooctadecane 102 % 28-171

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

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

April 08, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 35 FEDERAL #3

Enclosed are the results of analyses for samples received by the laboratory on 04/01/16 11:00.

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,



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:	04/01/2016	Sampling Date:	03/21/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 1 @ 1' (H600688-01)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2016	ND	2.13	106	2.00	2.55	
Toluene*	1.17	0.050	04/02/2016	ND	2.04	102	2.00	2.45	
Ethylbenzene*	1.62	0.050	04/02/2016	ND	1.81	90.4	2.00	1.48	
Total Xylenes*	8.55	0.150	04/02/2016	ND	5.55	92.5	6.00	1.86	
Total BTX	11.3	0.300	04/02/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 167 % 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	288	16.0	04/04/2016	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	99.5	10.0	04/01/2016	ND	181	90.4	200	4.56	
DRO >C10-C28	1670	10.0	04/01/2016	ND	181	90.3	200	10.8	

Surrogate: 1-Chlorooctane 96.9 % 35-147

Surrogate: 1-Chlorooctadecane 118 % 28-171

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:	04/01/2016	Sampling Date:	03/21/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 1 @ 2' (H600688-02)

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	04/02/2016	ND	2.13	106	2.00	2.55		
Toluene*	<0.050	0.050	04/02/2016	ND	2.04	102	2.00	2.45		
Ethylbenzene*	<0.050	0.050	04/02/2016	ND	1.81	90.4	2.00	1.48		
Total Xylenes*	<0.150	0.150	04/02/2016	ND	5.55	92.5	6.00	1.86		
Total BTEx	<0.300	0.300	04/02/2016	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	64.0	16.0	04/04/2016	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	04/01/2016	ND	181	90.4	200	4.56	
DRO >C10-C28	<10.0	10.0	04/01/2016	ND	181	90.3	200	10.8	

Surrogate: 1-Chlorooctane 82.6 % 35-147

Surrogate: 1-Chlorooctadecane 92.0 % 28-171

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:	04/01/2016	Sampling Date:	03/21/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 1 @ 3' (H600688-03)

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	04/02/2016	ND	2.13	106	2.00	2.55		
Toluene*	<0.050	0.050	04/02/2016	ND	2.04	102	2.00	2.45		
Ethylbenzene*	<0.050	0.050	04/02/2016	ND	1.81	90.4	2.00	1.48		
Total Xylenes*	<0.150	0.150	04/02/2016	ND	5.55	92.5	6.00	1.86		
Total BTEX	<0.300	0.300	04/02/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	368	16.0	04/04/2016	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	04/01/2016	ND	181	90.4	200	4.56		
DRO >C10-C28	<10.0	10.0	04/01/2016	ND	181	90.3	200	10.8		

Surrogate: 1-Chlorooctane 90.3 % 35-147

Surrogate: 1-Chlorooctadecane 100 % 28-171

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:	04/01/2016	Sampling Date:	03/21/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 1 @ 4' (H600688-04)

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	04/02/2016	ND	2.13	106	2.00	2.55		
Toluene*	<0.050	0.050	04/02/2016	ND	2.04	102	2.00	2.45		
Ethylbenzene*	<0.050	0.050	04/02/2016	ND	1.81	90.4	2.00	1.48		
Total Xylenes*	<0.150	0.150	04/02/2016	ND	5.55	92.5	6.00	1.86		
Total BTEx	<0.300	0.300	04/02/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/04/2016	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	04/01/2016	ND	181	90.4	200	4.56	
DRO >C10-C28	<10.0	10.0	04/01/2016	ND	181	90.3	200	10.8	

Surrogate: 1-Chlorooctane 85.7 % 35-147

Surrogate: 1-Chlorooctadecane 94.6 % 28-171

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:	04/01/2016	Sampling Date:	03/21/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 1 @ 5' (H600688-05)

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	04/02/2016	ND	2.13	106	2.00	2.55	
Toluene*	<0.050	0.050	04/02/2016	ND	2.04	102	2.00	2.45	
Ethylbenzene*	0.071	0.050	04/02/2016	ND	1.81	90.4	2.00	1.48	
Total Xylenes*	0.598	0.150	04/02/2016	ND	5.55	92.5	6.00	1.86	
Total BTX	0.670	0.300	04/02/2016	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/04/2016	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	25.7	10.0	04/01/2016	ND	181	90.4	200	4.56	
DRO >C10-C28	178	10.0	04/01/2016	ND	181	90.3	200	10.8	


Surrogate: 1-Chlorooctane 97.9 % 35-147

Surrogate: 1-Chlorooctadecane 102 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 2 @ 1' (H600688-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	0.179	0.100	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	<0.100	0.100	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	5.19	0.300	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTX	5.37	0.600	04/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	04/04/2016	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	256	50.0	04/01/2016	ND	181	90.4	200	4.56	
DRO >C10-C28	5510	50.0	04/01/2016	ND	181	90.3	200	10.8	

Surrogate: 1-Chlorooctane 120 % 35-147

Surrogate: 1-Chlorooctadecane 162 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 2 @ 3' (H600688-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	0.658	0.500	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	<0.500	0.500	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	5.03	1.50	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTX	5.69	3.00	04/04/2016	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	04/04/2016	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	833	50.0	04/01/2016	ND	181	90.4	200	4.56	
DRO >C10-C28	7070	50.0	04/01/2016	ND	181	90.3	200	10.8	

Surrogate: 1-Chlorooctane 160 % 35-147

Surrogate: 1-Chlorooctadecane 181 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 2 @ 5' (H600688-08)

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	04/04/2016	ND	2.01	101	2.00	2.59		
Toluene*	<0.050	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34		
Total Xylenes*	<0.150	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32		
Total BTX	<0.300	0.300	04/04/2016	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	04/04/2016	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	04/01/2016	ND	181	90.4	200	4.56	
DRO >C10-C28	318	10.0	04/01/2016	ND	181	90.3	200	10.8	

Surrogate: 1-Chlorooctane 89.3 % 35-147

Surrogate: 1-Chlorooctadecane 99.6 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 2 @ 6' (H600688-09)

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	04/04/2016	ND	2.01	101	2.00	2.59		
Toluene*	<0.050	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34		
Total Xylenes*	<0.150	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32		
Total BTEx	<0.300	0.300	04/04/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	464	16.0	04/04/2016	ND	400	100	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	04/01/2016	ND	181	90.4	200	4.56	
DRO >C10-C28	<10.0	10.0	04/01/2016	ND	181	90.3	200	10.8	

Surrogate: 1-Chlorooctane 95.9 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 2 @ 7' (H600688-10)

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	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	<0.050	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	0.058	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	0.442	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTX	0.500	0.300	04/04/2016	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/04/2016	ND	400	100	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	10.3	10.0	04/01/2016	ND	181	90.4	200	4.56	
DRO >C10-C28	50.8	10.0	04/01/2016	ND	181	90.3	200	10.8	

Surrogate: 1-Chlorooctane 91.9 % 35-147

Surrogate: 1-Chlorooctadecane 100 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 3 @ 1' (H600688-11)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	0.295	0.200	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	<0.200	0.200	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	4.08	0.600	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTX	4.38	1.20	04/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	04/04/2016	ND	400	100	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	552	50.0	04/02/2016	ND	176	88.0	200	14.2	QM-07
DRO >C10-C28	5920	50.0	04/02/2016	ND	157	78.6	200	26.0	QM-07

Surrogate: 1-Chlorooctane 122 % 35-147

Surrogate: 1-Chlorooctadecane 162 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 3 @ 2' (H600688-12)

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	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	0.175	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	0.424	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	1.61	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTX	2.20	0.300	04/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	04/04/2016	ND	400	100	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	92.6	10.0	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	1350	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 96.2 % 35-147

Surrogate: 1-Chlorooctadecane 119 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 3 @ 3' (H600688-13)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.055	0.050	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	0.161	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	0.363	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	1.64	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTX	2.22	0.300	04/04/2016	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/04/2016	ND	400	100	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	92.3	10.0	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	873	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 97.4 % 35-147

Surrogate: 1-Chlorooctadecane 117 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 3 @ 4' (H600688-14)

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	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	0.062	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	0.086	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	0.641	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTX	0.789	0.300	04/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/04/2016	ND	400	100	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	12.9	10.0	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	49.4	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 88.9 % 35-147

Surrogate: 1-Chlorooctadecane 108 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 1' (H600688-15)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.526	0.500	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	1.97	0.500	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	3.81	0.500	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	28.3	1.50	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTEX	34.6	3.00	04/04/2016	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	04/04/2016	ND	400	100	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	721	50.0	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	8870	50.0	04/02/2016	ND	157	78.6	200	26.0	


Surrogate: 1-Chlorooctane 149 % 35-147

Surrogate: 1-Chlorooctadecane 217 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 3' (H600688-16)

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	04/04/2016	ND	2.01	101	2.00	2.59		
Toluene*	0.054	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34		
Total Xylenes*	1.23	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32		
Total BTEx	1.28	0.300	04/04/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6400	16.0	04/04/2016	ND	400	100	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	30.7	10.0	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	404	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 85.5 % 35-147

Surrogate: 1-Chlorooctadecane 94.0 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 5' (H600688-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	0.535	0.200	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	0.848	0.200	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	6.19	0.600	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTX	7.58	1.20	04/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	04/04/2016	ND	400	100	400	0.00	
TPH 8015M		mg/kg		Analyzed By: MS					
				S-04					

Surrogate: 1-Chlorooctane 127 % 35-147

Surrogate: 1-Chlorooctadecane 176 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 7' (H600688-18)

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	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	0.103	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	0.194	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	1.50	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTX	1.79	0.300	04/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	04/04/2016	ND	400	100	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	56.1	10.0	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	1480	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 87.6 % 35-147

Surrogate: 1-Chlorooctadecane 110 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 9' (H600688-19)

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	04/04/2016	ND	2.01	101	2.00	2.59		
Toluene*	<0.050	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34		
Total Xylenes*	<0.150	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32		
Total BTEx	<0.300	0.300	04/04/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	3800	16.0	04/04/2016	ND	400	100	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	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	38.2	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 90.3 % 35-147

Surrogate: 1-Chlorooctadecane 95.6 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 10' (H600688-20)

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	04/04/2016	ND	2.01	101	2.00	2.59		
Toluene*	<0.050	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34		
Total Xylenes*	<0.150	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32		
Total BTX	<0.300	0.300	04/04/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	04/04/2016	ND	400	100	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	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	24.1	10.0	04/02/2016	ND	157	78.6	200	26.0	


Surrogate: 1-Chlorooctane 82.1 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 11' (H600688-21)

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	04/04/2016	ND	2.01	101	2.00	2.59		
Toluene*	<0.050	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34		
Total Xylenes*	<0.150	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32		
Total BTEx	<0.300	0.300	04/04/2016	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/04/2016	ND	400	100	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	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	<10.0	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 88.0 % 35-147

Surrogate: 1-Chlorooctadecane 108 % 28-171

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:	04/01/2016	Sampling Date:	03/22/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 5 @ 1' (H600688-22)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	04/04/2016	ND	2.01	101	2.00	2.59		
Toluene*	1.83	0.500	04/04/2016	ND	1.93	96.3	2.00	3.17		
Ethylbenzene*	3.15	0.500	04/04/2016	ND	1.73	86.4	2.00	3.34		
Total Xylenes*	25.3	1.50	04/04/2016	ND	5.30	88.4	6.00	3.32		
Total BTX	30.3	3.00	04/04/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5760	16.0	04/04/2016	ND	400	100	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	1030	100	04/02/2016	ND	176	88.0	200	14.2		
DRO >C10-C28	15400	100	04/02/2016	ND	157	78.6	200	26.0		

Surrogate: 1-Chlorooctane 148 % 35-147

Surrogate: 1-Chlorooctadecane 414 % 28-171

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:	04/01/2016	Sampling Date:	03/23/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 5 @ 3' (H600688-23)

BTX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.113	0.100	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	0.867	0.100	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	1.87	0.100	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	15.9	0.300	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTX	18.7	0.600	04/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 156 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	04/04/2016	ND	400	100	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	180	10.0	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	1910	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 102 % 35-147

Surrogate: 1-Chlorooctadecane 119 % 28-171

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:	04/01/2016	Sampling Date:	03/23/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 5 @ 5' (H600688-24)

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	04/04/2016	ND	2.01	101	2.00	2.59	
Toluene*	0.115	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17	
Ethylbenzene*	<0.050	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34	
Total Xylenes*	2.28	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32	
Total BTX	2.39	0.300	04/04/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	04/04/2016	ND	400	100	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	59.4	10.0	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	1060	10.0	04/02/2016	ND	157	78.6	200	26.0	


Surrogate: 1-Chlorooctane 93.3 % 35-147

Surrogate: 1-Chlorooctadecane 113 % 28-171

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:	04/01/2016	Sampling Date:	03/23/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 5 @ 7' (H600688-25)

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	04/04/2016	ND	2.01	101	2.00	2.59		
Toluene*	<0.050	0.050	04/04/2016	ND	1.93	96.3	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/04/2016	ND	1.73	86.4	2.00	3.34		
Total Xylenes*	0.186	0.150	04/04/2016	ND	5.30	88.4	6.00	3.32		
Total BTEX	<0.300	0.300	04/04/2016	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	04/04/2016	ND	400	100	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	14.9	10.0	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	617	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 73.9 % 35-147

Surrogate: 1-Chlorooctadecane 89.2 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 5 @ 9' (H600688-26)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTX	<0.300	0.300	04/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	48.0	16.0	04/04/2016	ND	400	100	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	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	<10.0	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 81.9 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 6 @ 1' (H600688-27)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	2.51	0.500	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	3.96	0.500	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	23.0	1.50	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTX	29.5	3.00	04/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7330	16.0	04/04/2016	ND	400	100	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	1070	50.0	04/02/2016	ND	176	88.0	200	14.2		
DRO >C10-C28	13400	50.0	04/02/2016	ND	157	78.6	200	26.0		

Surrogate: 1-Chlorooctane 146 % 35-147

Surrogate: 1-Chlorooctadecane 331 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 6 @ 2' (H600688-28)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTEx	<0.300	0.300	04/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/04/2016	ND	400	100	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	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	39.0	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 85.6 % 35-147

Surrogate: 1-Chlorooctadecane 100 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 6 @ 3' (H600688-29)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTEx	<0.300	0.300	04/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	53.1	10.0	04/02/2016	ND	157	78.6	200	26.0	

Surrogate: 1-Chlorooctane 83.4 % 35-147

Surrogate: 1-Chlorooctadecane 91.3 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 6 @ 4' (H600688-30)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTEx	<0.300	0.300	04/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/02/2016	ND	176	88.0	200	14.2	
DRO >C10-C28	11.7	10.0	04/02/2016	ND	157	78.6	200	26.0	


Surrogate: 1-Chlorooctane 91.8 % 35-147

Surrogate: 1-Chlorooctadecane 96.5 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 6 @ 5' (H600688-31)

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	04/05/2016	ND	2.02	101	2.00	1.46		
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02		
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715		
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873		
Total BTEx	<0.300	0.300	04/05/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/04/2016	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	<10.0	10.0	04/04/2016	ND	173	86.6	200	3.10	QM-07, QR-03

Surrogate: 1-Chlorooctane 85.2 % 35-147

Surrogate: 1-Chlorooctadecane 95.0 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 7 @ 1' (H600688-32)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	2.33	1.00	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	3.75	1.00	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	20.8	3.00	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTX	26.8	6.00	04/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	04/04/2016	ND	400	100	400	3.92	

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	1580	100	04/04/2016	ND	177	88.4	200	0.428		
DRO >C10-C28	17800	100	04/04/2016	ND	173	86.6	200	3.10		

Surrogate: 1-Chlorooctane 199 % 35-147

Surrogate: 1-Chlorooctadecane 441 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 7 @ 3' (H600688-33)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	0.597	0.200	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	1.46	0.200	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	5.62	0.600	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTX	7.68	1.20	04/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	394	50.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	5690	50.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 140 % 35-147

Surrogate: 1-Chlorooctadecane 161 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 7 @ 4' (H600688-34)

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	04/05/2016	ND	2.02	101	2.00	1.46		
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02		
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715		
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873		
Total BTEx	<0.300	0.300	04/05/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	53.9	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 118 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 7 @ 5' (H600688-35)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTEx	<0.300	0.300	04/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/04/2016	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	<10.0	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 99.8 % 35-147

Surrogate: 1-Chlorooctadecane 111 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 8 @ 1' (H600688-36)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTEx	<0.300	0.300	04/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	<10.0	10.0	04/04/2016	ND	173	86.6	200	3.10	


Surrogate: 1-Chlorooctane 89.3 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

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:	04/01/2016	Sampling Date:	03/25/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 9 @ 1' (H600688-37)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTX	<0.300	0.300	04/05/2016	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	48.0	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	<10.0	10.0	04/04/2016	ND	173	86.6	200	3.10	


Surrogate: 1-Chlorooctane 92.6 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

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:	04/01/2016	Sampling Date:	03/28/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 10 @ SURFACE (H600688-38)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	0.200	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	0.296	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	2.40	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTX	2.89	0.300	04/05/2016	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	04/04/2016	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	42.8	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	2200	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 97.7 % 35-147

Surrogate: 1-Chlorooctadecane 148 % 28-171

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:	04/01/2016	Sampling Date:	03/28/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 10 @ 1' (H600688-39)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTX	<0.300	0.300	04/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	<10.0	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 93.8 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

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:	04/01/2016	Sampling Date:	03/28/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 11 @ SURFACE (H600688-40)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	0.109	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	0.187	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	1.42	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTEx	1.72	0.300	04/05/2016	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	160	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	24.9	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	894	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 95.1 % 35-147

Surrogate: 1-Chlorooctadecane 116 % 28-171

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:	04/01/2016	Sampling Date:	03/28/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 11 @ 1' (H600688-41)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTX	<0.300	0.300	04/05/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	04/04/2016	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	<10.0	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 90.7 % 35-147

Surrogate: 1-Chlorooctadecane 99.8 % 28-171

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:	04/01/2016	Sampling Date:	03/28/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 12 @ SURFACE (H600688-42)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	0.121	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	0.210	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	1.55	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTX	1.88	0.300	04/05/2016	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	28.4	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	990	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 98.9 % 35-147

Surrogate: 1-Chlorooctadecane 119 % 28-171

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:	04/01/2016	Sampling Date:	03/28/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 12 @ 1' (H600688-43)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	<0.050	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	<0.050	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	<0.150	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTX	<0.300	0.300	04/05/2016	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	32.0	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	<10.0	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 86.0 % 35-147

Surrogate: 1-Chlorooctadecane 96.6 % 28-171

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:	04/01/2016	Sampling Date:	03/28/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 13 @ SURFACE (H600688-44)

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	04/05/2016	ND	2.02	101	2.00	1.46	
Toluene*	0.173	0.050	04/05/2016	ND	1.93	96.4	2.00	1.02	
Ethylbenzene*	0.215	0.050	04/05/2016	ND	1.69	84.7	2.00	0.715	
Total Xylenes*	1.64	0.150	04/05/2016	ND	5.28	88.1	6.00	0.873	
Total BTX	2.03	0.300	04/05/2016	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	24.6	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	30.5	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 98.7 % 35-147

Surrogate: 1-Chlorooctadecane 104 % 28-171

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:	04/01/2016	Sampling Date:	03/28/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 13 @ 1' (H600688-45)

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	04/06/2016	ND	2.04	102	2.00	0.222	
Toluene*	<0.050	0.050	04/06/2016	ND	1.94	97.2	2.00	0.473	
Ethylbenzene*	<0.050	0.050	04/06/2016	ND	1.74	86.9	2.00	0.841	
Total Xylenes*	<0.150	0.150	04/06/2016	ND	5.39	89.9	6.00	0.279	
Total BTEx	<0.300	0.300	04/06/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	<10.0	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 87.5 % 35-147

Surrogate: 1-Chlorooctadecane 98.9 % 28-171

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:	04/01/2016	Sampling Date:	03/28/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 14 @ SURFACE (H600688-46)

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	04/06/2016	ND	2.04	102	2.00	0.222	
Toluene*	0.072	0.050	04/06/2016	ND	1.94	97.2	2.00	0.473	
Ethylbenzene*	0.139	0.050	04/06/2016	ND	1.74	86.9	2.00	0.841	
Total Xylenes*	1.07	0.150	04/06/2016	ND	5.39	89.9	6.00	0.279	
Total BTX	1.28	0.300	04/06/2016	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	17.5	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	30.9	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 92.0 % 35-147

Surrogate: 1-Chlorooctadecane 102 % 28-171

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:	04/01/2016	Sampling Date:	03/28/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 14 @ 1' (H600688-47)

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	04/06/2016	ND	2.04	102	2.00	0.222	
Toluene*	<0.050	0.050	04/06/2016	ND	1.94	97.2	2.00	0.473	
Ethylbenzene*	<0.050	0.050	04/06/2016	ND	1.74	86.9	2.00	0.841	
Total Xylenes*	<0.150	0.150	04/06/2016	ND	5.39	89.9	6.00	0.279	
Total BTX	<0.300	0.300	04/06/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/04/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/04/2016	ND	177	88.4	200	0.428	
DRO >C10-C28	<10.0	10.0	04/04/2016	ND	173	86.6	200	3.10	

Surrogate: 1-Chlorooctane 94.3 % 35-147

Surrogate: 1-Chlorooctadecane 114 % 28-171

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-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside if QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

15



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: Red Tent 35-3

Project Location: Mills Ranch

Sampler Name: 18th Circle 15

P.O. #:

Company: OXY

Attn:

Address: Jimmy

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME	ANALYSIS REQUEST									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE												
11	SP30	X	1	X	X	X	X	X	3-22	1125	X	X	X	X	X	X	X	X	X	X
12	SP30	X	1	X	X	X	X	X	3-22	1133	X	X	X	X	X	X	X	X	X	X
13	SP30	X	1	X	X	X	X	X	3-22	1145	X	X	X	X	X	X	X	X	X	X
14	SP40	X	1	X	X	X	X	X	3-22	1700	X	X	X	X	X	X	X	X	X	X
15	SP40	X	1	X	X	X	X	X	3-22	1715	X	X	X	X	X	X	X	X	X	X
16	SP40	X	1	X	X	X	X	X	3-22	150	X	X	X	X	X	X	X	X	X	X
17	SP40	X	1	X	X	X	X	X	3-22	215	X	X	X	X	X	X	X	X	X	X
18	SP40	X	1	X	X	X	X	X	3-22	233	X	X	X	X	X	X	X	X	X	X
19	SP40	X	1	X	X	X	X	X	3-22	247	X	X	X	X	X	X	X	X	X	X
20	SP40	X	1	X	X	X	X	X	3-22	251	X	X	X	X	X	X	X	X	X	X

PLEASE NOTE: Liability and Damages, Cardinal's liability and clients' exclusive remedy for any claim arising out of or related to the performance of services hereunder by Cardinal, in whole or in part, 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.

Relinquished By:

Date: 3/28/16

Time: 3:00pm

Received By:

Signature

Relinquished By:

Date: 3/28/16

Time: 11:00

Received By:

Signature

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Cool / Intact

Yes ☒ No ☐

CHECKED BY:

Signature

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

Fax Result: ☐ Yes ☐ No ☐ Add'l Fax #:

REMARKS:

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

#54



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3/5

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 #:
Project Name: Red Tank 35-3, 12-23-15
Project Location: Mills Ranch
Sample Name: IFFT Oneles

P.O. #:
Company: Oxy
Attn: Jurney
Address: Jurney
City:
State: Zip:
Phone #:
Fax #:

FOR LAB USE ONLY
Lab I.D. Sample I.D.
Date: 3/22/15
Time: 3:25
Relinquished By: Jeff Brunson
Received By: [Signature]
Date: 3/22/15
Time: 10:28
Delivered By: (Circle One) 5.6e
Sampler - UPS - Bus - Other: 1154

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:											
21	SP401			X																
22	SP501			X																
23	3			X																
24	5			X																
25	9			X																
26	3			X																
27	3			X																
28	3			X																
29	3			X																
30	3			X																

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising out of or from this contract or from the use of the services provided by Cardinal 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 rendered by Cardinal, regardless of whether such claim is based upon any of the above stated exceptions or otherwise.

Relinquished By: Jeff Brunson
Received By: [Signature]
Date: 3/22/15
Time: 10:28
Delivered By: (Circle One) 5.6e
Sampler - UPS - Bus - Other: 1154

Sample Condition
Cool ☒ Intact ☒
Yes ☒ No ☒
Checked By: [Signature]

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

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



ARDINAL 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: OXY																																							
Address: P.O. Box 805		Attn: Summer																																							
City: Hobbs		Address:																																							
State: NM Zip: 88241																																									
Phone #: 575-397-6388		City:																																							
Fax #: 575-397-0397		State:																																							
Project #:		Zip:																																							
Project Name: Red Tank 35-3																																									
Project Location: Mills Ranch																																									
Sample Name: Left Corners																																									
FOR LAB USE ONLY																																									
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													
H1000000		SP605		X		X		X		X		X		X		X		X		X		X		X		X		X		BTEX											
31		SP605		X		X		X		X		X		X		X		X		X		X		X		X		X		U											
32		SP701		X		X		X		X		X		X		X		X		X		X		X		X		X		TPH											
33		SP701		X		X		X		X		X		X		X		X		X		X		X		X		X													
34		SP701		X		X		X		X		X		X		X		X		X		X		X		X		X													
35		SP801		X		X		X		X		X		X		X		X		X		X		X		X		X													
36		SP801		X		X		X		X		X		X		X		X		X		X		X		X		X													
37		SP901		X		X		X		X		X		X		X		X		X		X		X		X		X													
38		SP10054		X		X		X		X		X		X		X		X		X		X		X		X		X													
39		SP10054		X		X		X		X		X		X		X		X		X		X		X		X		X													
40		SP10054		X		X		X		X		X		X		X		X		X		X		X		X		X													
PLEASE NOTE: Liability and Damage: Cardinal's liability and clients' exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of test applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, whether or not 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: [Signature]		Date: 3/28/10		Time: 3:30p		Received By: [Signature]		Date: 3/28/10		Time: 11:00		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: [Signature]																									
Delivered By: (Circle One)																																									
Sampler - UPS - Bus - Other:																																									

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

#54

4/5



ARDINAL 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: OXY																																																															
Address: P.O. Box 805		Attn:																																																															
City: Hobbs		Address: Sumner																																																															
State: NM Zip: 88241		City:																																																															
Phone #: 575-397-6388		State:																																																															
Fax #: 575-397-0397		Zip:																																																															
Project #:		Project Owner: OXY																																																															
Project Name: Red Tank 35-3		City:																																																															
Project Location: Mills Ranch		State:																																																															
Sample Name: 16 ft Core		Phone #:																																																															
FOR LAB USE ONLY		Fax #:																																																															
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												CL												TPH											
H000688		SP110		---		---		---		---		---		---		---		---		---		---		---		3-28		10:15		X												X												X											
41		SP12054		---		---		---		---		---		---		---		---		---		---		---		10:45		11:15		X												X												X											
42		SP13054		---		---		---		---		---		---		---		---		---		---		---		12:00		12:50		X												X												X											
43		SP14054		---		---		---		---		---		---		---		---		---		---		---		13:30		14:00		X												X												X											
44				---		---		---		---		---		---		---		---		---		---		---																																									
45				---		---		---		---		---		---		---		---		---		---		---																																									
46				---		---		---		---		---		---		---		---		---		---		---																																									
47				---		---		---		---		---		---		---		---		---		---		---																																									
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's acceptance hereby 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 exceptions to otherwise.		Relinquished By:		Date: 3/28/10		Received By:		Date: 3/28/10		Time: 11:00		Sample Condition		Cool		Intact		Checked By: JAC		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:		REMARKS:																																					
Relinquished By: [Signature]		Date: 3/28/10		Received By: [Signature]		Date: 3/28/10		Time: 11:00		Sample Condition		Cool		Intact		Checked By: JAC		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:		REMARKS:																																							
Delivered By: (Circle One)		Sample Condition		Cool		Intact		Checked By: JAC		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:		REMARKS:																																															
Sampler - UPS - Bus - Other:		Sample Condition		Cool		Intact		Checked By: JAC		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:		REMARKS:																																															

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

#54

April 08, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 35 FEDERAL #3

Enclosed are the results of analyses for samples received by the laboratory on 04/05/16 13:25.

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,



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:	04/05/2016	Sampling Date:	03/31/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 1 @ 1' (H600721-01)

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	04/06/2016	ND	2.04	102	2.00	0.222	
Toluene*	<0.050	0.050	04/06/2016	ND	1.94	97.2	2.00	0.473	
Ethylbenzene*	<0.050	0.050	04/06/2016	ND	1.74	86.9	2.00	0.841	
Total Xylenes*	<0.150	0.150	04/06/2016	ND	5.39	89.9	6.00	0.279	
Total BTEX	<0.300	0.300	04/06/2016	ND					

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

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	04/06/2016	ND	400	100	400	7.69	

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	04/05/2016	ND	175	87.3	200	6.15	
DRO >C10-C28	<10.0	10.0	04/05/2016	ND	163	81.4	200	6.29	

Surrogate: 1-Chlorooctane 85.7 % 35-147

Surrogate: 1-Chlorooctadecane 95.7 % 28-171

Sample ID: SP 1 @ 3' (H600721-02)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	04/06/2016	ND	432	108	400	7.69	

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:	04/05/2016	Sampling Date:	03/31/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 1 @ 5' (H600721-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	23200	16.0	04/06/2016	ND	432	108	400	7.69		

Sample ID: SP 1 @ 7' (H600721-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	24400	16.0	04/06/2016	ND	432	108	400	7.69	

Sample ID: SP 1 @ 9' (H600721-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	04/06/2016	ND	432	108	400	7.69	

Sample ID: SP 1 @ 11' (H600721-06)

Chloride, SM4500CI-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	04/06/2016	ND	432	108	400	7.69	

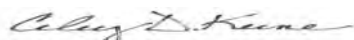
Sample ID: SP 1 @ 12' (H600721-07)

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	04/06/2016	ND	432	108	400	7.69	

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:	04/05/2016	Sampling Date:	03/31/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 2 @ 1' (H600721-08)

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	04/06/2016	ND	2.04	102	2.00	0.222		
Toluene*	<0.050	0.050	04/06/2016	ND	1.94	97.2	2.00	0.473		
Ethylbenzene*	<0.050	0.050	04/06/2016	ND	1.74	86.9	2.00	0.841		
Total Xylenes*	<0.150	0.150	04/06/2016	ND	5.39	89.9	6.00	0.279		
Total BTEx	<0.300	0.300	04/06/2016	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4400	16.0	04/06/2016	ND	432	108	400	7.69		

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	04/05/2016	ND	175	87.3	200	6.15	
DRO >C10-C28	<10.0	10.0	04/05/2016	ND	163	81.4	200	6.29	

Surrogate: 1-Chlorooctane 89.6 % 35-147

Surrogate: 1-Chlorooctadecane 102 % 28-171

Sample ID: SP 2 @ 3' (H600721-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3080	16.0	04/06/2016	ND	432	108	400	7.69		

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:	04/05/2016	Sampling Date:	03/31/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 2 @ 5' (H600721-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/06/2016	ND	432	108	400	7.69		

Sample ID: SP 2 @ 6' (H600721-11)

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	04/06/2016	ND	432	108	400	7.69	

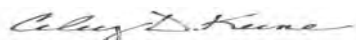
Sample ID: SP 2 @ 7' (H600721-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/06/2016	ND	432	108	400	7.69	

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:	04/05/2016	Sampling Date:	03/31/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 3 @ 1' (H600721-13)

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	04/07/2016	ND	1.98	98.8	2.00	2.71		
Toluene*	<0.050	0.050	04/07/2016	ND	1.88	94.0	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/07/2016	ND	1.67	83.4	2.00	4.10		
Total Xylenes*	<0.150	0.150	04/07/2016	ND	5.17	86.1	6.00	4.65		
Total BTEx	<0.300	0.300	04/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	138000	16.0	04/06/2016	ND	432	108	400	7.69		

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	04/06/2016	ND	178	89.0	200	1.81	
DRO >C10-C28	<10.0	10.0	04/06/2016	ND	170	85.0	200	4.37	

Surrogate: 1-Chlorooctane 71.5 % 35-147

Surrogate: 1-Chlorooctadecane 78.8 % 28-171

Sample ID: SP 3 @ 3' (H600721-14)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	04/06/2016	ND	432	108	400	7.69	

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:	04/05/2016	Sampling Date:	03/31/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 3 @ 4' (H600721-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/06/2016	ND	432	108	400	7.69		

Sample ID: SP 3 @ 5' (H600721-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	04/06/2016	ND	432	108	400	7.69	

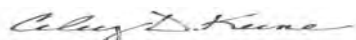
Sample ID: SP 3 @ 6' (H600721-17)

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	04/06/2016	ND	432	108	400	7.69	

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:	04/05/2016	Sampling Date:	03/31/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 1' (H600721-18)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/07/2016	ND	1.98	98.8	2.00	2.71		
Toluene*	<0.050	0.050	04/07/2016	ND	1.88	94.0	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/07/2016	ND	1.67	83.4	2.00	4.10		
Total Xylenes*	<0.150	0.150	04/07/2016	ND	5.17	86.1	6.00	4.65		
Total BTEx	<0.300	0.300	04/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/06/2016	ND	432	108	400	7.69	

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	04/06/2016	ND	178	89.0	200	1.81	
DRO >C10-C28	<10.0	10.0	04/06/2016	ND	170	85.0	200	4.37	

Surrogate: 1-Chlorooctane 82.2 % 35-147

Surrogate: 1-Chlorooctadecane 90.0 % 28-171

Sample ID: SP 4 @ 2' (H600721-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/06/2016	ND	432	108	400	7.69		

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:	04/05/2016	Sampling Date:	03/31/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 4 @ 3' (H600721-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/06/2016	ND	432	108	400	7.69		

Sample ID: SP 4 @ 4' (H600721-21)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/06/2016	ND	432	108	400	7.69		

Sample ID: SP 4 @ 5' (H600721-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	04/06/2016	ND	416	104	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	04/05/2016	Sampling Date:	04/04/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 5 @ 1' (H600721-23)

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	04/07/2016	ND	1.98	98.8	2.00	2.71		
Toluene*	<0.050	0.050	04/07/2016	ND	1.88	94.0	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/07/2016	ND	1.67	83.4	2.00	4.10		
Total Xylenes*	<0.150	0.150	04/07/2016	ND	5.17	86.1	6.00	4.65		
Total BTEx	<0.300	0.300	04/07/2016	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5060	16.0	04/06/2016	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	04/06/2016	ND	178	89.0	200	1.81	
DRO >C10-C28	<10.0	10.0	04/06/2016	ND	170	85.0	200	4.37	

Surrogate: 1-Chlorooctane 81.7 % 35-147

Surrogate: 1-Chlorooctadecane 92.5 % 28-171

Sample ID: SP 5 @ 2' (H600721-24)

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	04/06/2016	ND	416	104	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	04/05/2016	Sampling Date:	04/04/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 5 @ 3' (H600721-25)

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	04/06/2016	ND	416	104	400	0.00		

Sample ID: SP 5 @ 4' (H600721-26)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/06/2016	ND	416	104	400	0.00	

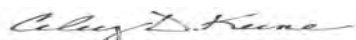
Sample ID: SP 5 @ 5' (H600721-27)

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	04/06/2016	ND	416	104	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	04/05/2016	Sampling Date:	04/04/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 6 @ 1' (H600721-28)

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	04/07/2016	ND	1.98	98.8	2.00	2.71		
Toluene*	<0.050	0.050	04/07/2016	ND	1.88	94.0	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/07/2016	ND	1.67	83.4	2.00	4.10		
Total Xylenes*	<0.150	0.150	04/07/2016	ND	5.17	86.1	6.00	4.65		
Total BTX	<0.300	0.300	04/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/06/2016	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	04/06/2016	ND	178	89.0	200	1.81		
DRO >C10-C28	<10.0	10.0	04/06/2016	ND	170	85.0	200	4.37		

Surrogate: 1-Chlorooctane 73.7 % 35-147

Surrogate: 1-Chlorooctadecane 83.1 % 28-171

Sample ID: SP 6 @ 2' (H600721-29)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	04/06/2016	ND	416	104	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	04/05/2016	Sampling Date:	04/04/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 6 @ 3' (H600721-30)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/06/2016	ND	416	104	400	0.00	

Sample ID: SP 6 @ 4' (H600721-31)

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	04/06/2016	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	04/05/2016	Sampling Date:	04/04/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 7 @ 1' (H600721-32)

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	04/07/2016	ND	1.98	98.8	2.00	2.71		
Toluene*	<0.050	0.050	04/07/2016	ND	1.88	94.0	2.00	3.17		
Ethylbenzene*	<0.050	0.050	04/07/2016	ND	1.67	83.4	2.00	4.10		
Total Xylenes*	<0.150	0.150	04/07/2016	ND	5.17	86.1	6.00	4.65		
Total BTEx	<0.300	0.300	04/07/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/06/2016	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	04/06/2016	ND	178	89.0	200	1.81	
DRO >C10-C28	<10.0	10.0	04/06/2016	ND	170	85.0	200	4.37	

Surrogate: 1-Chlorooctane 76.6 % 35-147

Surrogate: 1-Chlorooctadecane 89.2 % 28-171

Sample ID: SP 7 @ 2' (H600721-33)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/06/2016	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	04/05/2016	Sampling Date:	04/04/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 7 @ 4' (H600721-34)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	04/06/2016	ND	416	104	400	0.00	

Sample ID: SP 7 @ 5' (H600721-35)

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	04/06/2016	ND	416	104	400	0.00		

Sample ID: SP 7 @ 6' (H600721-36)

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	04/06/2016	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	04/05/2016	Sampling Date:	04/04/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 8 @ 1' (H600721-37)

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	04/07/2016	ND	1.98	98.8	2.00	2.71	
Toluene*	<0.050	0.050	04/07/2016	ND	1.88	94.0	2.00	3.17	
Ethylbenzene*	<0.050	0.050	04/07/2016	ND	1.67	83.4	2.00	4.10	
Total Xylenes*	<0.150	0.150	04/07/2016	ND	5.17	86.1	6.00	4.65	
Total BTEx	<0.300	0.300	04/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	18600	16.0	04/06/2016	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	04/06/2016	ND	178	89.0	200	1.81	
DRO >C10-C28	<10.0	10.0	04/06/2016	ND	170	85.0	200	4.37	

Surrogate: 1-Chlorooctane 76.9 % 35-147

Surrogate: 1-Chlorooctadecane 85.9 % 28-171

Sample ID: SP 8 @ 3' (H600721-38)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	04/06/2016	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	04/05/2016	Sampling Date:	04/04/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 8 @ 5' (H600721-39)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1560	16.0	04/06/2016	ND	416	104	400	0.00		

Sample ID: SP 8 @ 7' (H600721-40)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	04/06/2016	ND	416	104	400	0.00	

Sample ID: SP 8 @ 9' (H600721-41)

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	04/06/2016	ND	416	104	400	0.00	

Sample ID: SP 8 @ 10' (H600721-42)

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	04/07/2016	ND	416	104	400	3.92		

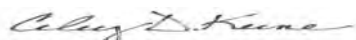
Sample ID: SP 8 @ 11' (H600721-43)

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	04/07/2016	ND	416	104	400	3.92		

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:	04/05/2016	Sampling Date:	04/04/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 9 @ 1' (H600721-44)

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	04/07/2016	ND	1.98	98.8	2.00	2.71	
Toluene*	<0.050	0.050	04/07/2016	ND	1.88	94.0	2.00	3.17	
Ethylbenzene*	<0.050	0.050	04/07/2016	ND	1.67	83.4	2.00	4.10	
Total Xylenes*	<0.150	0.150	04/07/2016	ND	5.17	86.1	6.00	4.65	
Total BTEx	<0.300	0.300	04/07/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	55200	16.0	04/07/2016	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/06/2016	ND	178	89.0	200	1.81	
DRO >C10-C28	<10.0	10.0	04/06/2016	ND	170	85.0	200	4.37	

Surrogate: 1-Chlorooctane 70.3 % 35-147

Surrogate: 1-Chlorooctadecane 78.8 % 28-171

Sample ID: SP 9 @ 3' (H600721-45)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	04/07/2016	ND	416	104	400	3.92	

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:	04/05/2016	Sampling Date:	04/04/2016
Reported:	04/08/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FEDERAL #3	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MILLS RANCH		

Sample ID: SP 9 @ 5' (H600721-46)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	04/07/2016	ND	416	104	400	3.92	

Sample ID: SP 9 @ 7' (H600721-47)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/07/2016	ND	416	104	400	3.92	

Sample ID: SP 9 @ 8' (H600721-48)

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	04/07/2016	ND	416	104	400	3.92		

Sample ID: SP 9 @ 9' (H600721-49)

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	04/07/2016	ND	416	104	400	3.92	

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

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



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: OXY																									
Address: P.O. Box 805		Attn: Summer																									
City: Hobbs		Address: Summer																									
Phone #: 575-397-6388		City:																									
Fax #: 575-397-0397		State:																									
Project #:		Zip:																									
Project Name: Red Tank 35 Fed-3 1-18-16		Phone #:																									
Project Location: 41115 Ranch		Fax #:																									
Sampler Name: Jeff Duncanson		PRESERV																									
FOR LAB USE ONLY		SAMPLING																									
Lab I.D.		Sample I.D.																									
HBC0721		SP101																									
1		SP101																									
2		SP101																									
3		SP101																									
4		SP101																									
5		SP101																									
6		SP101																									
7		SP101																									
8		SP101																									
9		SP101																									
10		SP101																									
11		SP101																									
12		SP101																									
13		SP101																									
14		SP101																									
15		SP101																									
16		SP101																									
17		SP101																									
18		SP101																									
19		SP101																									
20		SP101																									
21		SP101																									
22		SP101																									
23		SP101																									
24		SP101																									
25		SP101																									
26		SP101																									
27		SP101																									
28		SP101																									
29		SP101																									
30		SP101																									
31		SP101																									
32		SP101																									
33		SP101																									
34		SP101																									
35		SP101																									
36		SP101																									
37		SP101																									
38		SP101																									
39		SP101																									
40		SP101																									
41		SP101																									
42		SP101																									
43		SP101																									
44		SP101																									
45		SP101																									
46		SP101																									
47		SP101																									
48		SP101																									
49		SP101																									
50		SP101																									
51		SP101																									
52		SP101																									
53		SP101																									
54		SP101																									
55		SP101																									
56		SP101																									
57		SP101																									
58		SP101																									
59		SP101																									
60		SP101																									
61		SP101																									
62		SP101																									
63		SP101																									
64		SP101																									
65		SP101																									
66		SP101																									
67		SP101																									
68		SP101																									
69		SP101																									
70		SP101																									
71		SP101																									
72		SP101																									
73		SP101																									
74		SP101																									
75		SP101																									
76		SP101																									
77		SP101																									
78		SP101																									
79		SP101																									
80		SP101																									
81		SP101																									
82		SP101																									
83		SP101																									
84		SP101																									
85		SP101																									
86		SP101																									
87		SP101																									
88		SP101																									
89		SP101																									
90		SP101																									
91		SP101																									
92		SP101																									
93		SP101																									
94		SP101																									
95		SP101																									
96		SP101																									
97		SP101																									
98		SP101																									
99		SP101																									
100		SP101																									
101		SP101																									
102		SP101																									
103		SP101																									
104		SP101																									
105		SP101																									
106		SP101																									
107		SP101																									
108		SP101																									
109		SP101																									
110		SP101																									
111		SP101																									
112		SP101																									
113		SP101																									
114		SP101																									
115		SP101																									
116		SP101																									
117		SP101																									
118		SP101																									
119		SP101																									
120		SP101																									
121		SP101																									
122		SP101																									
123		SP101																									
124		SP101																									
125		SP101																									
126		SP101																									
127		SP101																									
128		SP101																									
129		SP101																									
130		SP101																									
131		SP101																									
132		SP101																									
133		SP101																									
134		SP101																									
135		SP101																									
136		SP101																									
137		SP101																									
138		SP101																									
139		SP101																									
140		SP101																									
141		SP101																									
142		SP101																									
143		SP101																									
144		SP101																									
145		SP101																									
146		SP101																									
147		SP101																									
148		SP101																									
149		SP101																									
150		SP101																									
151		SP101																									
152		SP101																									
153		SP101																									
154		SP101																									
155		SP101																									
156		SP101																									
157		SP101																									
158		SP101																									
159		SP101																									
160		SP101																									
161		SP101																									
162		SP101																									
163		SP101																									
164		SP101																									
165		SP101																									
166		SP101																									
167		SP101																									
168		SP101																									
169		SP101																									
170		SP101																									
171		SP101																									
172		SP101																									
173		SP101																									
174		SP101																									
175		SP101																									
176		SP101																									
177		SP101																									
178		SP101																									
179		SP101																									
180		SP101																									
181		SP101																									
182		SP101																									
183		SP101																									
184		SP101																									
185		SP101																									
186		SP101																									
187		SP101																									
188		SP101																									
189		SP101																									
190		SP101																									
191		SP101																									
192		SP101																									
193		SP101																									
194		SP101																									
195		SP101																									
196		SP101																									
197		SP101																									
198		SP101																									
199		SP101																									
200		SP101																									
201		SP101																									
202		SP101																									
203		SP101																									
204		SP101																									
205		SP101																									
206		SP101																									
207		SP101																									
208		SP101																									
209		SP101																									
210		SP101																									
211		SP101																									
212		SP101																									
213		SP101																									
214		SP101																									
215		SP101																									
216		SP101																									
217		SP101																									
218		SP101																									
219		SP101																									
220		SP101																									
221		SP101																									
222		SP101																									
223		SP101																									
224		SP101																									
225		SP101																									
226		SP101																									
227		SP101																									
228		SP101																									
229		SP101																									
230		SP101																									
231		SP101																									
232		SP101																									
233		SP101																									
234		SP101																									
235		SP101																									
236		SP101																									
237		SP101																									
238		SP101																									
239		SP101																									
240		SP101																									
241		SP101																									
242		SP101																									
243		SP101																									
244		SP101																									
245		SP101																									
246		SP101																									
247		SP101																									
248		SP101																									
249		SP101																									
250		SP101																									
251		SP101																									
252		SP101																									
253		SP101																									
254		SP101																									
255		SP101																									
256		SP101																									
257		SP101																									
258		SP101																									
259		SP101																									
260		SP101																									
261		SP101																									
262		SP101																									
263		SP101																									
264		SP101																									
265		SP101																									
266		SP101																									
267		SP101																									
268		SP101																									
269		SP101																									
270		SP101																									



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/5

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																					
Project Manager: Cliff Brunson		P.O. #:																							
Address: P.O. Box 805		Company: OXY																							
City: Hobbs		Attn: J. J. J.																							
Phone #: 575-397-6388		Address:																							
State: NM Zip: 88241		City:																							
Fax #: 575-397-0397		State:																							
Project #:		Zip:																							
Project Name: Red Tex 35-3 1-18-16		Phone #:																							
Project Location: Mills Bayk		Fax #:																							
Sampler Name: Jeff Crue/25																									
FOR LAB USE ONLY																									
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											
H000721	SP206		1			X							3-31	191											
11	SP206		1			X								191											
12	SP306		1			X								208	X										
13	SP306		1			X								230	X										
14	SP306		1			X								237	X										
15	SP306		1			X								250	X										
16	SP306		1			X								300	X										
17	SP306		1			X								315	X										
18	SP306		1			X								329	X										
19	SP306		1			X								339	X										
20	SP306		1			X								339	X										
Relinquished By: [Signature]		Date: 4-5-16	Received By: [Signature]																						
Relinquished By: [Signature]		Date: 4-5-16	Received By: [Signature]																						
Delivered By: (Circle One) [Signature]		Date: 13:256	Received By: [Signature]																						
Sampler - UPS - Bus - Other:		Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: [Signature]																						

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

ORDINAL 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:				City:				State:			
Address: P.O. Box 805				Attn:				Address:				City:			
City: Hobbs				Address:				State:				Zip:			
Phone #: 575-397-6388				Fax #: 575-397-0397				Project #:				Project Owner:			
Project Name:				Project Location:				Project Name:				Project Location:			
Sample Name:				Sample Name:				Sample Name:				Sample Name:			
FOR LAB USE ONLY				Lab I.D.				Sample I.D.				Lab I.D.			
Relinquished By:				Relinquished By:				Relinquished By:				Relinquished By:			
Date:				Date:				Date:				Date:			
Time:				Time:				Time:				Time:			
Received By:				Received By:				Received By:				Received By:			
Date:				Date:				Date:				Date:			
Time:				Time:				Time:				Time:			
Sample Condition				Sample Condition				Sample Condition				Sample Condition			
Cool Intact				Cool Intact				Cool Intact				Cool Intact			
Yes No				Yes No				Yes No				Yes No			
Checked By:				Checked By:				Checked By:				Checked By:			
(Initials)				(Initials)				(Initials)				(Initials)			
Remarks:				Remarks:				Remarks:				Remarks:			



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

[illegible]

PLEASE NOTE: Liability and Damages. Contents liability and claims exclusively remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the services. All claims resulting from negligence and any other cause without fault shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable services. In event that Cardinal is liable for individual or consequential damages, including without limitation, business interruptions, loss of data, or loss of profits, incurred by client, its subsidiaries, affiliates, or third parties, Cardinal shall be liable for the actual damages suffered by each such party, but not for any of the above stated remedies or damages.

UNITED STATES POSTAL SERVICE MAILING DIVISION WASHINGTON, D.C. 20501		Date: 4-5-16		Received By: [Signature]	
Relinquished By: [Signature]		Time:			
Date: 4-5-16		Received By: [Signature]			
Time: 13:25					
Delivered By: (Circle One) [Signature]		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Res <input type="checkbox"/> es <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials) [Signature]	
Sampler - UPS - Bus - Other:					

† Cardinal cannot accept verbal changes. Please fax written changes to 505-392-2476

May 13, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 35 FED #3 SWD BTRY

Enclosed are the results of analyses for samples received by the laboratory on 05/10/16 10:25.

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,



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:	05/10/2016	Sampling Date:	05/09/2016
Reported:	05/13/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FED #3 SWD BTRY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 1 @ 1' (H601018-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	22400	16.0	05/12/2016	ND	416	104	400	0.00	

Sample ID: SP 1 @ 4' (H601018-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7600	16.0	05/12/2016	ND	416	104	400	0.00	

Sample ID: SP 1 @ 7' (H601018-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9200	16.0	05/12/2016	ND	416	104	400	0.00	

Sample ID: SP 1 @ 9' (H601018-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11600	16.0	05/12/2016	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/10/2016	Sampling Date:	05/09/2016
Reported:	05/13/2016	Sampling Type:	Soil
Project Name:	RED TANK 35 FED #3 SWD BTRY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	LEA COUNTY, NM		

Sample ID: SP 2 @ 1' (H601018-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	23200	16.0	05/12/2016	ND	416	104	400	0.00	

Sample ID: SP 2 @ 4' (H601018-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	05/12/2016	ND	400	100	400	3.92	QM-07

Sample ID: SP 2 @ 7' (H601018-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9860	16.0	05/12/2016	ND	400	100	400	3.92	

Sample ID: SP 2 @ 9' (H601018-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	13300	16.0	05/12/2016	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

108

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name:

Project Location:

Sample Name:

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

110108

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

SPICEL

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

RECEIVED

By JKeyes at 8:47 am, Nov 12, 2015

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	Dusty Wilson
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(432) 685-5771
Facility Name	Red Tank 35 Federal #3 SWD Battery	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		API No.	30-025-33149

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	35	22S	32E					Lea

Latitude N 32.34702° Longitude W 103.65065°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	200 bbls	Volume Recovered	180 bbls
Source of Release	Vibration caused the nipple on the recycle line to break off	Date and Hour of Occurrence	10/14/2015	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?	Kellie Jones, Jamie Keyes, Tomas Oberding-NMOCD; Shelly Tucker-BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	10/14/2015 @ 3:13 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.*

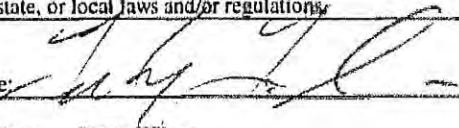
Vibration caused the nipple on the recycle line to break off and spill 200 bbls of produced water onto the ground. A vacuum truck recovered 180 bbls of produced water and the nipple was replaced.

Describe Area Affected and Cleanup Action Taken.*


The affected area is approximately 70' x 60' on location inside the berm. Remediation will be completed in accordance with an approved remediation plan from 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.

OIL CONSERVATION DIVISION

Signature: 

Printed Name: Dusty Wilson

Approved by Environmental Specialist: 

Title: Environmental Advisor

Approval Date: 11/12/2015

Expiration Date: 01/12/2016

E-mail Address: Dusty.Wilson@oxy.com

Conditions of Approval:

Date: 11-9-15 Phone: (432) 685-5771

Discrete site samples required. Delineate and remediate per NMOCD guidelines.

Attached ☐
1RP 3973

Geotagged photos of remediation required.

* Attach Additional Sheets If Necessary

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

RECEIVED

By JKeyes at 1:04 pm, Jan 08, 2016

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	Red Tank 35 Federal #3 SWD Battery	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		API No.	30-025-33149

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	35	22S	32E					Lea

Latitude N 32.34702° Longitude W 103.65065°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	60 bbls mix	Volume Recovered	48 bbls
Source of Release	Ball valve to water transfer pump opened causing the skim tank to overflow	Date and Hour of Occurrence	12/23/2015	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?	Kellie Jones, Jamie Keyes-NMOCD; Shelly Tucker-BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	12/23/2015 @ 3:45 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.*

A skim tank overflowed leaking 60 bbls of oil and produced water onto the ground. A vacuum truck recovered 48 bbls of oil and water mix and the ball valve to the transfer pump was closed.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 70' x 50' on location inside the berm as well a large overspray area to the east of the berm. Remediation will be completed in accordance with an approved remediation plan from 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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Casey Summers

Title: NM Environmental Advisor

E-mail Address: Casey_Summers@oxy.com

Date: 1-7-16

Phone: (575) 513-8289

Approved by Environmental Specialist:

Approval Date: 01/08/2016

Expiration Date: 03/08/2016

Conditions of Approval:
Discrete site samples required. Delineate and remediate per NMOCD guidelines.

Geotagged photos of remediation recommended. Ensure BLM concurrence/ approval.

Attached ☐
1RP 4093

nJXK1600846920
pJXK1600846993

* Attach Additional Sheets If Necessary

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

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	Red Tank 35 Federal #3 SWD Battery	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		API No.	30-025-33149

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	35	22S	32E					Lea

Latitude N 32.34700° Longitude W 103.65068°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	2 bbls oil, 700 bbls of produced water	Volume Recovered	672 bbls produced water
Source of Release	2" ball valve flew off water tank 3	Date and Hour of Occurrence	01/18/2016	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?	Kellie Jones, Jamie Keyes-NMOCD; Shelly Tucker-BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	01/18/2016 @ 10:05 am		
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.*

RECEIVED

By Kellie Jones at 7:14 am, Jan 27, 2016



Describe Cause of Problem and Remedial Action Taken.*

A 2" ball valve blew off of water tank 3 spilling 700 bbls of produced water onto the ground and spraying 2 bbls of oil. A vacuum truck recovered 672 bbls of produced water and the valve was replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 180' x 200' on location. Remediation will be completed in accordance with an approved remediation plan from 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:				OIL CONSERVATION DIVISION	
Printed Name:	Casey Summers	Approved by Environmental Specialist:			
Title:	NM Environmental Advisor	Approval Date:	01/27/2016	Expiration Date:	03/27/2016
E-mail Address:	Casey_Summers@oxy.com	Conditions of Approval:			Attached <input type="checkbox"/>
Date:	1/26/16	Phone:	(575) 513-8289	Site samples required. Delineate and remediate as per MNOCD guides. Geotag photographs of remediation recommended.	

* Attach Additional Sheets If Necessary

nKJ1602726266
pKJ1602726419

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

RECEIVED

Form C-141
By JKeyes at 9:33 am, May 04, 2016

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	Red Tank 35 Federal #3 SWD Battery	Facility Type	Gathering

Surface Owner	BLM	Mineral Owner		API No.	30-025-33149
---------------	-----	---------------	--	---------	--------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	35	22S	32E					Lea

Latitude N 32.34727° Longitude W 103.65067°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	60 bbls	Volume Recovered	50 bbls
Source of Release	Corrosion of suction valve swedge	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?	Jamie Keyes-NMOCD; Shelly Tucker-BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	04/22/2016 @ 3:02 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 corrosion of a suction valve swedge caused 60 bbls of produced water to leak on location. A vacuum truck recovered approximately 50 bbls and the valve swedge was replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 64' x 35' on location near the pumps. Remediation will be completed in accordance with an approved remediation plan from 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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Casey Summers

Title: NM Environmental Advisor

E-mail Address: Casey_Summers@oxy.com

Date: 5-2-16 Phone: (575) 513-8289

Approved by Environmental Specialist:

Approval Date: 05/04/2016

Expiration Date: 07/04/2016

Conditions of Approval:

Discrete samples only. Delineate and remediate per NMOCD guidelines. Ensure BLM concurrence/approval.

Attached ☐
IRP 4267

* Attach Additional Sheets If Necessary

nJXK1612534247
pJXK1612534349

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

RECEIVED

By JKeyes at 8:56 am, Jul 08, 2016

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	Red Tank 35 Federal #3 SWD Battery	Facility Type	Gathering

Surface Owner	BLM	Mineral Owner		API No.	30-025-33149
---------------	-----	---------------	--	---------	--------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	35	22S	32E					Lea

Latitude N 32.34731° Longitude W 103.65083°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	50 bbls	Volume Recovered	15 bbls
Source of Release	Stress/fatigue of 2.5" steel line	Date and Hour of Occurrence	06/21/2016	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?	Jamie Keyes-NMOCD; Shelly Tucker-BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	06/21/2016 @ 4:39 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.*

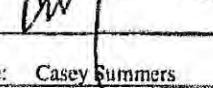

Stress/fatigue of a 2.5" steel line caused 50 bbls of produced water to spill. A vacuum truck recovered 15 bbls of produced water and the line was repaired.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 200' x 50' on location around the well head. Remediation will be completed in accordance with an approved remediation plan from 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.

OIL CONSERVATION DIVISION

Signature:			
Printed Name:	Casey Summers	Approved by Environmental Specialist:	
Title:	NM Environmental Advisor	Approval Date:	07/08/2016
E-mail Address:	Casey_Summers@oxy.com	Expiration Date:	09/08/2016
Date:	7-7-16	Phone:	(575) 513-8289
		Conditions of Approval:	Attached <input type="checkbox"/>
		Discrete samples only. Delineate and remediate per NMOCD guidelines. Ensure BLM concurrence/ approval.	1RP 4339

* Attach Additional Sheets If Necessary

nJXK1619032050
pJXK1619032114

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	RED TANK 35 FEDERAL #3 SWD	Facility Type	SWD
Surface Owner	FEDERAL	Mineral Owner	FEDERAL
		API No.	30-025-33149

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
L	35	22S	32E	2310	SOUTH	990	WEST	LEA

Latitude 32.3472252 Longitude -103.6508179 NAD83

NATURE OF RELEASE

Type of Release	PRODUCED WATER	Volume of Release	110 bbls	Volume Recovered	100 bbls
Source of Release	CENTRIFUGAL INTEGRATION PUMP SEAL	Date and Hour of Occurrence	5-1-2017	Date and Hour of Discovery	5-1-2017
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	OLIVIA YU-NMOCD; SHELLY TUCKER-BLM		
By Whom?	CASEY L SUMMERS	Date and Hour	5-2-2017 10:15AM		
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.*

RECEIVED

By Olivia Yu at 7:56 am, May 05, 2017


Describe Cause of Problem and Remedial Action Taken.*

Leak was caused by a failure in the centrifugal integration pump seal. 100 bbls of water was recovered by vacuum truck and seal on pump was replaced.

Describe Area Affected and Cleanup Action Taken.*

The affected area is 20x60 ft inside of unlined berm (measurements are 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: 5/5/2017	Expiration Date:	
E-mail Address: casey_summers@oxy.com	Conditions of Approval: see attached directive	Attached <input checked="" type="checkbox"/>	
Date: 5-4-17 Phone: 575-513-8289			

* Attach Additional Sheets If Necessary

1RP-4689

nOY1712530649

pOY1712531639