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DELINEATION WORKPLAN

OXY – SMOKEY BITS CTB (Leak Date: 4/18/17) & (Leak Date: 5/16/17)

RP # 2RP-4179 & 2RP-4215 API # 30-015-39118

This delineation workplan and remediation proposal addresses the release associated with RP # 2RP-4179 and 2RP-4215.

The following information includes:

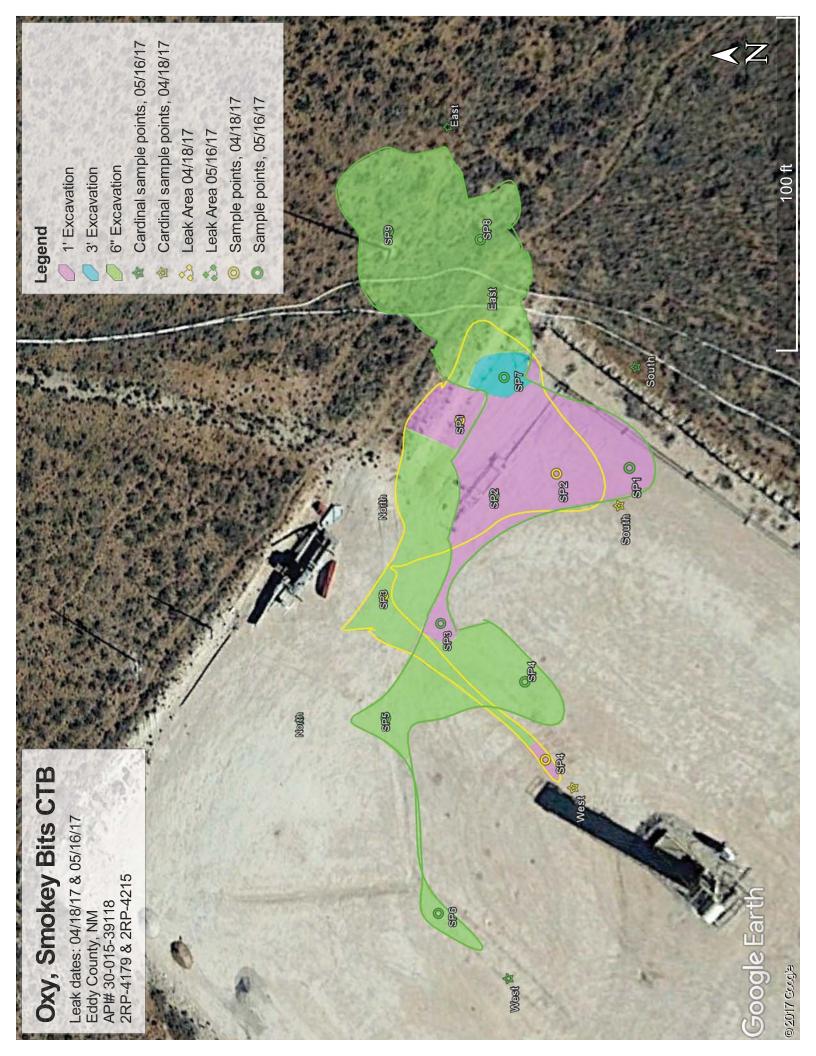
- 1. Scaled digital site map with spill area demarcated and leak point identified along with sample point locations and areas of remediation at appropriate depths.
- 2. GPS information for sample points and sample methodology
- 3. Depth to groundwater information (i.e., pdf of OSE search results and/or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

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

OXY will excavate the spill area as depicted on the following site diagram. The leak area shaded in green will be a 6 inch excavation. The area shaded in pink will be a 1 foot excavation and the shaded area in blue will be excavated to a depth of 3 feet.

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, Smokey Bits CTB, Leak date: 4/18/17

Sample points, hand auger

SP1, N 32.70170 W-103.93251

SP2, N 32.70160 W-103.93257

SP3, N 32.70178 W-103.93271

SP4, N 32.70161 W-103.93288

NORTH, N 32.70178 W-103.93260

SOUTH, N 32.70155 W-103.93260

EAST, N 32.70166 W-103.93237

WEST, N 32.70159 W-103.93291

Oxy, Smokey Bits CTB, Leak date: 5/16/17

Sample points, hand auger

SP1, N 32.70153 W-103.93256

SP2, N 32.70167 W-103.93259

SP3, N 32.70172 W-103.93274

SP4, N 32.70163 W-103.93280

SP5, N 32.70178 W-103.93285

SP6, N 32.70172 W-103.93206

SP7, N 32.70165 W-103.93246

SP8, N 32.70167 W-103.93229

SP9, N 32.70177 W-103.93229

NORTH, N 32.70187 W-103.93286

SOUTH, N 32.70153 W-103.93246

EAST, N 32.70171 W-103.93218

WEST, N 32.70165 W-103.93312

Oxy, Smokey Bits CTB U/L L, Section 36, T18S, R30E

Groundwater: 150'-175'





New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

(R=POD has been replaced, O=orphaned,

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

C=the file is closed)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

		POD										
		Sub-		QQ	Q							Water
POD Number	Code	basin	County	64 16	4 S	Sec	Tws	Rng	X	Y	DistanceDept	hWellDepthWater Column
<u>CP 00767 POD1</u>		CP	ED	3	2 3	35	18S	30E	599300	3619158*	900	500

Average Depth to Water:

Minimum Depth: ---

Maximum Depth:

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 600109 **Northing (Y):** 3618763 **Radius:** 1700

*UTM location was derived from PLSS - see Help

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

4/26/17 9:40 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

(Public Land Survey System (PLSS) O Q64: Q16: NW Q4: SW Sec: 36 Tws: 18S Rng: 30E
· ·	State Plane Coordinate System - NAD27 O X: 0 ft Y: 0 ft Zone:
(State Plane Coordinate System - NAD83 O x: 0 ft Y: 0 ft Zone:
· ·	Degrees/Minutes/Seconds O Longitude (X): Degrees: 0 ° Minutes: 0 ' Seconds: 0 " Latitude (Y): Degrees: 0 ° Minutes: 0 ' Seconds: 0 "
(UTM - NAD27 C Easting (X): 0 mtrs Northing (Y): 0 mtrs Zone:
Į.	SUBMIT
	All Conversion Results are displayed as NAD 1983 UTM Zone 13 Easting (X): 600109.0 mtrs Northing (Y): 3618763.0 mtrs ~~ Please keep screen open to copy UTM values for Reports. ~~

Laboratory Analytical Results Summary Smokey Bits CTB

		Sample	SP1@1.	SP1@2	SP1 @ 7'	SP1 @ 12'
Analyte	Method	Date	5/1/17	5/1/17	5/1/17	5/1/17
			mg/Kg	mg/Kg		mg/Kg
Benzene BTE	BTEX 8021B		<0.200	<0.050	<0.050	n/a
Toluene BTE	BTEX 8021B		2.56	<0.050	<0.050	n/a
Ethylbenzene BTEX 8021B	X 8021B		7.99	<0.050	<0.050	n/a
Total Xylenes BTEX 8021B	X 8021B		19.8	<0.150	<0.150	n/a
Total BTEX BTEX	BTEX 8021B		30.3	<0.300	<0.300	n/a
Chloride SM45	SM4500CI-B		112	160	144	176
GRO TPH	TPH 8015M		497	<10.0	<10.0	n/a
DRO TPH	TPH 8015M		4000	<10.0	<10.0	n/a

		Sample	SP2@1	SP2@2'	SP2 @ 7'	SP2 @ 12'
Analyte	Method	Date	5/1/17	5/1/17	5/1/17	5/1/17
			mg/Kg	gy/gm	mg/Kg	mg/Kg
Benzene	BTEX 8021B		050'0>	090'0>	<0.050	n/a
Toluene	BTEX 8021B		050.0>	050'0>	<0.050	n/a
Ethylbenzene BTEX 8021B	BTEX 8021B		050.0>	090'0>	<0.050	n/a
Total Xylenes BTEX 8021B	BTEX 8021B		<0.150	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		008'0>	008'0>	<0.300	n/a
Chloride	SM4500CI-B		32	240	144	144
GRO	TPH 8015M		<10	<10.0	<10.0	n/a
DRO	TPH 8015M		165	<10.0	<10.0	n/a

		Sample	SP3@1'	SP3@2'	SP3 @ 7'	SP3 @ 12'
Analyte	Method	Date	5/1/17	5/1/17	5/1/17	5/1/17
			mg/Kg	mg/Kg	mg/Kg	gy/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	e/u
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	e/u
Ethylbenzene BTEX 8021B	BTEX 8021B		<0.050	<0.050	<0.050	e/u
Total Xylenes BTEX 8021B	BTEX 8021B		<0.150	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	e/u
Chloride	SM4500CI-B		32	160	176	160
GRO	TPH 8015M		<10.0	<10.0	<10.0	u/a
DRO	TPH 8015M		<10.0	<10.0	<10.0	u/a

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'	SP4 @ 9'	SP4 @ 14'
Analyte	Method	Date	21/1/2	21/1/2	5/1/17	5/1/17	5/1/17	21/1/5
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	Benzene BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	u/a
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	u/a
Ethylbenz	Ethylbenz BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	u/a
Total Xyle	Fotal Xyle BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	u/a
Total BTE	Fotal BTEBTEX 8021B		008'0>	<0.300	<0.300	<0.300	<0.300	u/a
Chloride	Chloride SM4500CI-B		3920	128	144	128	160	144
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	u/a
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	u/a

		Sample	NORTH @ SURFACE	EAST @ SURFACE	SOUTH @ WEST @ SURFACE	WEST @ SURFACE
Analyte	Method	Date	5/1/17	5/1/17	5/1/17	5/1/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	Benzene BTEX 8021B		050.0>	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		050'0>	<0.050	<0.050	<0.050
Ethylbenz	Ethylbenz BTEX 8021B		050.0>	<0.050	<0.050	<0.050
Total Xyle	Fotal XyleBTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTE	Fotal BTEBTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	Chloride SM4500CI-B		176	160	144	144
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

Laboratory Analytical Results Summary Smokey Bits CTB

		Sample	SP1 @ 1.	SP1 @ 2.	SP1 @ 7.	SP1 @ 12'
Analyte	Method	Date	5/30/17	21/06/9	5/30/17	5/30/17
			mg/Kg	gX/gm	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	050.0>	<0.050	<0.050
Foluene	BTEX 8021B		0.139	050.0>	<0.050	<0.050
=thylbenzene	thylbenzene BTEX 8021B		0.422	050.0>	<0.050	<0.050
Fotal Xylenes	otal Xylenes BTEX 8021B		1.26	<0.150	<0.150	<0.150
Fotal BTEX	BTEX 8021B		1.82	008'0>	008'0>	008'0>
Chloride	SM4500CI-B		864	278	889	112
3RO	TPH 8015M		46	<10.0	<10.0	<10.0
ORO	TPH 8015M		841	<10.0	32.2	<10.0

		Sample	SP2 @ 1.	SP2@3	SP2 @ 9'	SP2 @ 14'
Analyte	Method	Date	21,700,11	5/30/17	5/30/17	5/30/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		668'0	<0.050	050.0>	090'0>
Foluene	BTEX 8021B		106	<0.050	050'0>	090'0>
Ethylbenzene BTEX 8021B	BTEX 8021B		15.7	0.064	050.0>	090'0>
Fotal Xylenes BTEX 8021B	BTEX 8021B		35.5	0.154	<0.150	<0.150
Fotal BTEX	BTEX 8021B		62.3	<0.300	008'0>	008'0>
Chloride	SM4500CI-B		752	816	160	160
GRO	TPH 8015M		868	<10.0	<10.0	<10.0
DRO	TPH 8015M		10800	144	68.4	6'99

		Sample	SP3 @ 1.	SP3 @ 3.	SP3 @ 5'	SP3 @ 10'	SP3@15
Analyte	Method	Date	5/30/17	5/30/17	5/30/17	5/30/17	5/30/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.388	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		10.6	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	hylbenzene BTEX 8021B		14.7	<0.050	<0.050	<0.050	<0.050
Total Xylenes	otal Xylenes BTEX 8021B		34.9	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		9.09	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		260	880	320	144	176
GRO	TPH 8015M		818	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		12500	99.2	<10.0	53.9	45.8

Sample SP4@1 SP4@2 SP4@7							
Method Date SSUIT SSUIT SSUIT			Sample	SP4 @ 1.	SP4@2'	SP4 @ 7.	SP4 @ 12'
BTEX 8021B	Analyte	Method	Date	5/31/17	5/31/17	5/31/17	2/31/17
BTEX 8021B				mg/Kg	mg/Kg	mg/Kg	mg/Kg
BTEX 8021B	Benzene	BTEX 8021B		<0.050	<0.050	<0.050	090'0>
National Pierk 8021B Co.050 Co.05	Toluene	BTEX 8021B		<0.050	<0.050	<0.050	090'0>
Xylenes BTEX 8021B <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.150 <0.15	Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	090'0>
BTEX BTEX 8021B <0.300	Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
ride SM4500Cl-B 352 96 48 TPH 8015M <10.0 <10.0 <10.0 <10.0 TPH 8015M 34.5 <10.0 <10.0 <10.0	Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	006.0>
TPH 8015M <10.0 <10.0 <10.0 <10.0 TPH 8015M 34.5 <10.0 <10.0	Chloride	SM4500CI-B		352	96	48	807
TPH 8015M 34.5 <10.0 <10.0	GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
	DRO	TPH 8015M		34.5	<10.0	<10.0	38.4

Analyte Method C	Date	mg/Kg <0.050	5/31/17 ma/Ka	E/94/47	
zene		mg/Kg <0.050	ma/Ka	0001/11	5/31/17
zene		<0.050	,	mg/Kg	gy/gm
Toluene BTEX 8021B Ethylbenzene BTEX 8021B Total Xvlenes BTEX 8021B		010	<0.050	<0.050	090'0>
Ethylbenzene BTEX 8021B Total Xvlenes BTEX 8021B		V0.050	<0.050	<0.050	<0.050
Total Xvienes BTEX 8021B		<0.050	<0.050	<0.050	<0.050
		<0.150	<0.150	<0.150	<0.150
Total BTEX BTEX 8021B		<0.300	<0.300	<0.300	008'0>
Chloride SM4500Cl-B		400	80	64	192
GRO TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO TPH 8015M		21	<10.0	<10.0	37.1

		Sample	SP6 @ 1.	SP6 @ 2'	SP6 @ 3'	SP6 @ 8'	SP6 @ 13'
Analyte	Method	Date	5/31/17	5/31/17	5/31/17	5/31/17	5/31/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		80	32	<16.0	96	96
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		127	88	<10.0	<10.0	<10.0
		Sample	SP7 @ 1'	SP7 @ 2'	SP7 @ 4"	.6 @ 24S	SP7 @ 16'
Analyte	Method	Date	5/31/17	5/31/17	5/31/17	5/31/17	5/31/17

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Analyte	Method	Date	5/31/17	5/31/17	5/31/17	5/31/17	5/31/17
			gX/gm	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		714.0	0.345	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		9.01	10.1	0.994	<0.050	<0.050
Ethylbenzene	BTEX 8021B		15.4	21.3	1.84	<0.050	<0.050
Total Xylenes	BTEX 8021B		35.4	51.5	4.31	<0.150	<0.150
Total BTEX	BTEX 8021B		61.9	83.2	7.14	<0.300	<0.300
Chloride	SM4500CI-B		176	<16.0	<16.0	32	48
GRO	TPH 8015M		841	1460	126	<10.0	<10.0
DRO	TPH 8015M		10800	12700	3270	<10.0	244
		Sample	SP8@ SURFACE	SP8 @ 6"	SP8 @ 1.		
Analyte	Method	Date	5/31/17	5/31/17	5/31/17		
			gX/gm	mg/Kg	mg/Kg		
Benzene	BTEX 8021B		0.198	<0.050	<0.050		
Toluene	BTEX 8021B		4.35	0.13	0.063		
Ethylbenzene	BTEX 8021B		6.74	0.258	0.082		
Total Xylenes	BTEX 8021B		1.91	0.817	0.302		
Total BTEX	BTEX 8021B		27.3	1.2	0.447		
Chloride	SM4500CI-B		32	48	32		
GRO	TPH 8015M		328	13.6	<10.0		
DRO	TPH 8015M		4830	268	114		

		Sample	SP9 @ SURFACE	9 @ 6dS	SP9 @ 1'
Analyte	Method	Date	2/31/17	2/31/17	5/31/17
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.168	050.0>	<0.050
Toluene	BTEX 8021B		3.48	680'0	<0.050
Ethylbenzene BTEX 8021B	BTEX 8021B		4.95	0.121	<0.050
Total Xylenes BTEX 8021B	BTEX 8021B		12.4	0.445	<0.150
Total BTEX	BTEX 8021B		12	999'0	<0.300
Chloride	SM4500CI-B		48	32	64
GRO	TPH 8015M		233	<10.0	<10.0
DRO	TPH 8015M		3650	310	56.3

		Sample	North@ SURFACE
Analyte	Method	Date	5/31/17
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		1.29
Ethylbenzene	BTEX 8021B		1.94
Total Xylenes	BTEX 8021B		4.39
Total BTEX	BTEX 8021B		7.62
Chloride	SM4500CI-B		96
GRO	TPH 8015M		68.4
DRO	TPH 8015M		115

AC (®	17	Kg	20	6	8	4	2		®	8
East @ SURFACE	5/31/17	mg/Kg	<0.050	1.19	1.78	4.04	7.02	08	46.8	168
Sample	Date									
	Method		BTEX 8021B	BTEX 8021B	BTEX 8021B	BTEX 8021B	BTEX 8021B	SM4500CI-B	TPH 8015M	TPH 8015M
	Analyte		Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	Chloride	GRO	DRO

		Sample	West @ SURFACE
Analyte	Method	Date	5/31/17
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		1.11
Ethylbenzene	BTEX 8021B		1.79
Total Xylenes	BTEX 8021B		4.11
Total BTEX	BTEX 8021B		7.02
Chloride	SM4500CI-B		08
GRO	TPH 8015M		58.4
DRO	TPH 8015M		131

		Sample	South @ SURFACE
Analyte	Method	Date	21/12/9
			gy/gm
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		1
Ethylbenzene BTEX 8021B	BTEX 8021B		2.27
Total Xylenes	BTEX 8021B		2.5
Total BTEX	BTEX 8021B		8.78
Chloride	SM4500CI-B		08
GRO	TPH 8015M		69.1
DRO	TPH 8015M		227



May 15, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SMOKEY BITS

Enclosed are the results of analyses for samples received by the laboratory on 05/05/17 10:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 05/05/2017

Reported: 05/15/2017
Project Name: SMOKEY BITS
Project Number: NONE GIVEN

Project Location: NOT GIVEN

Sampling Date: 05/01/2017

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: 1 @ 1' (H701214-01)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	05/11/2017	ND	2.11	106	2.00	0.434	
Toluene*	2.56	0.200	05/11/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	7.99	0.200	05/11/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	19.8	0.600	05/11/2017	ND	6.21	103	6.00	0.209	
Total BTEX	30.3	1.20	05/11/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/09/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	497	50.0	05/09/2017	ND	175	87.7	200	2.62	
DRO >C10-C28	4000	50.0	05/09/2017	ND	181	90.6	200	4.90	
Surrogate: 1-Chlorooctane	123 9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	124 9	34.7-15	7						

Cardinal Laboratories *=Accredited Analyte

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05/01/2017

Soil



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 05/05/2017 Sampling Date: Reported: 05/15/2017 Sampling Type:

Project Name: **SMOKEY BITS** Sampling Condition: Cool & Intact Project Number: Sample Received By: Tamara Oldaker NONE GIVEN

Project Location: **NOT GIVEN**

Sample ID: 1 @ 2' (H701214-02)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2017	ND	2.11	106	2.00	0.434	
Toluene*	< 0.050	0.050	05/11/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	< 0.050	0.050	05/11/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/11/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/11/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	129 %	6 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/09/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2017	ND	175	87.7	200	2.62	
DRO >C10-C28	<10.0	10.0	05/09/2017	ND	181	90.6	200	4.90	
Surrogate: 1-Chlorooctane	74.6	28.3-16	4						
Surrogate: 1-Chlorooctadecane	72.10	% 347-15	7						

Surrogate: 1-Chlorooctadecane 72.1 % 34.7-157

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Kreene



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 05/05/2017 Sampling Date: 05/01/2017

Reported: 05/15/2017 Sampling Type: Soil

Project Name: SMOKEY BITS Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: 1 @ 7' (H701214-03)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2017	ND	2.11	106	2.00	0.434	
Toluene*	< 0.050	0.050	05/11/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	< 0.050	0.050	05/11/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/11/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/11/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 %	72-148	}						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/09/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2017	ND	175	87.7	200	2.62	
DRO >C10-C28	<10.0	10.0	05/09/2017	ND	181	90.6	200	4.90	
Surrogate: 1-Chlorooctane	91.2 9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	91.3 9	% 34.7-15	7						

Sample ID: 1 @ 12' (H701214-04)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/09/2017	ND	448	112	400	3.64	

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Celegy Keene



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

 Received:
 05/05/2017
 Sampling Date:
 05/01/2017

 Reported:
 05/15/2017
 Sampling Type:
 Soil

Project Name: SMOKEY BITS Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: 2 @ 1' (H701214-05)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2017	ND	2.11	106	2.00	0.434	
Toluene*	<0.050	0.050	05/11/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	<0.050	0.050	05/11/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/11/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/11/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	128 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/09/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2017	ND	175	87.7	200	2.62	
DRO >C10-C28	165	10.0	05/09/2017	ND	181	90.6	200	4.90	
Surrogate: 1-Chlorooctane	81.7	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	83.7	% 34.7-15	7						

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NOT GIVEN

73.6 %

34.7-157

Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 05/05/2017 Sampling Date: 05/01/2017

Reported: 05/15/2017 Sampling Type: Soil
Project Name: SMOKEY BITS Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Sample ID: 2 @ 2' (H701214-06)

Project Location:

Surrogate: 1-Chlorooctadecane

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2017	ND	2.11	106	2.00	0.434	
Toluene*	<0.050	0.050	05/11/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	<0.050	0.050	05/11/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/11/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/11/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 %	6 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	05/09/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2017	ND	175	87.7	200	2.62	
DRO >C10-C28	<10.0	10.0	05/09/2017	ND	181	90.6	200	4.90	
Surrogate: 1-Chlorooctane	75.3 9	% 28.3-16	4						

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 05/05/2017 Sampling Date: 05/01/2017

Reported: 05/15/2017 Sampling Type: Soil

Project Name: SMOKEY BITS Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Analyzed By: BE

Project Location: NOT GIVEN

ma/ka

Sample ID: 2 @ 7' (H701214-07)

RTFY 8021R

BIEX 8051B	mg/	кд	Anaiyze	а ву: вг					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2017	ND	2.11	106	2.00	0.434	
Toluene*	< 0.050	0.050	05/11/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	< 0.050	0.050	05/11/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/11/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/11/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 %	6 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2017	ND	175	87.7	200	2.62	
DRO >C10-C28	<10.0	10.0	05/09/2017	ND	181	90.6	200	4.90	
Surrogate: 1-Chlorooctane	87.6 %	28.3-16-	4						
Surrogate: 1-Chlorooctadecane	88.9 9	% 34.7-15%	7						

Sample ID: 2 @ 12' (H701214-08)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/09/2017	ND	400	100	400	3.92	

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05/01/2017



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 05/05/2017 Sampling Date:

Reported: 05/15/2017 Sampling Type: Soil Project Name: **SMOKEY BITS** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **NOT GIVEN**

Sample ID: 3 @ 1' (H701214-09)

BTEX 8021B	mg/kg			d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	05/11/2017	ND	2.11	106	2.00	0.434	
Toluene*	< 0.050	0.050	05/11/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	< 0.050	0.050	05/11/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/11/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/11/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	127 %	6 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2017	ND	175	87.7	200	2.62	
DRO >C10-C28	<10.0	10.0	05/09/2017	ND	181	90.6	200	4.90	
Surrogate: 1-Chlorooctane	92.4 9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	94.0 9	6 34.7-15	7						

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

 Received:
 05/05/2017
 Sampling Date:
 05/01/2017

 Reported:
 05/15/2017
 Sampling Type:
 Soil

Project Name: SMOKEY BITS Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: 3 @ 2' (H701214-10)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2017	ND	2.11	106	2.00	0.434	
Toluene*	<0.050	0.050	05/12/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	<0.050	0.050	05/12/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/12/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/12/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/10/2017	ND	198	98.8	200	1.70	
DRO >C10-C28	<10.0	10.0	05/10/2017	ND	193	96.4	200	5.15	
Surrogate: 1-Chlorooctane	68.3	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	65.5	% 34.7-15	7						

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 05/05/2017 Sampling Date: 05/01/2017 Reported: 05/15/2017 Sampling Type: Soil

Project Name: **SMOKEY BITS** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **NOT GIVEN**

Sample ID: 3 @ 7' (H701214-11)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	05/12/2017	ND	2.11	106	2.00	0.434	
Toluene*	< 0.050	0.050	05/12/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	< 0.050	0.050	05/12/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/12/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/12/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 %	6 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/10/2017	ND	198	98.8	200	1.70	
DRO >C10-C28	<10.0	10.0	05/10/2017	ND	193	96.4	200	5.15	
Surrogate: 1-Chlorooctane	77.0 9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	69.5 9	% 34.7-15	7						

Sample ID: 3 @ 12' (H701214-12)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/09/2017	ND	400	100	400	3.92	

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 Received:
 05/05/2017
 Sampling Date:
 05/01/2017

 Reported:
 05/15/2017
 Sampling Type:
 Soil

Project Name: SMOKEY BITS Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: 4 @ 1' (H701214-13)

BTEX 8021B	mg/	/kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2017	ND	2.11	106	2.00	0.434	
Toluene*	<0.050	0.050	05/12/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	<0.050	0.050	05/12/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/12/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/12/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	124 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3920	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/10/2017	ND	198	98.8	200	1.70	
DRO >C10-C28	<10.0	10.0	05/10/2017	ND	193	96.4	200	5.15	
Surrogate: 1-Chlorooctane	83.2	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	848	% 347-15	7						

Surrogate: 1-Chlorooctadecane 84.8 % 34.7-157

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Received: 05/05/2017 Sampling Date: 05/01/2017

Reported: 05/15/2017 Sampling Type: Soil

Project Name: SMOKEY BITS Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: 4 @ 2' (H701214-14)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2017	ND	2.11	106	2.00	0.434	
Toluene*	<0.050	0.050	05/12/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	<0.050	0.050	05/12/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/12/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/12/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 %	6 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/10/2017	ND	198	98.8	200	1.70	
DRO >C10-C28	<10.0	10.0	05/10/2017	ND	193	96.4	200	5.15	
Surrogate: 1-Chlorooctane	83.2 %	6 28.3-16	4						
Surrogate: 1-Chlorooctadecane	80.69	6 34.7-15	7						

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 Received:
 05/05/2017
 Sampling Date:
 05/01/2017

 Reported:
 05/15/2017
 Sampling Type:
 Soil

Project Name: SMOKEY BITS Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: 4 @ 3' (H701214-15)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2017	ND	2.11	106	2.00	0.434	
Toluene*	<0.050	0.050	05/12/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	<0.050	0.050	05/12/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/12/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/12/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 %	72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/10/2017	ND	198	98.8	200	1.70	
DRO >C10-C28	<10.0	10.0	05/10/2017	ND	193	96.4	200	5.15	
Surrogate: 1-Chlorooctane	78.4 9	28.3-16	4						
Surrogate: 1-Chlorooctadecane	84.4 9	% 34.7-15	7						

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 Received:
 05/05/2017
 Sampling Date:
 05/01/2017

 Reported:
 05/15/2017
 Sampling Type:
 Soil

Reported:05/15/2017Sampling Type:SoilProject Name:SMOKEY BITSSampling Condition:Cool & IntactProject Number:NONE GIVENSample Received By:Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: 4 @ 4' (H701214-16)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2017	ND	2.11	106	2.00	0.434	
Toluene*	<0.050	0.050	05/12/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	<0.050	0.050	05/12/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/12/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/12/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/11/2017	ND	193	96.6	200	2.84	
DRO >C10-C28	<10.0	10.0	05/11/2017	ND	196	97.8	200	1.26	
Surrogate: 1-Chlorooctane	75.2	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	90.0	% 34.7-15	7						

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Received: 05/05/2017 Sampling Date: 05/01/2017 Reported: 05/15/2017 Sampling Type: Soil

Project Name: **SMOKEY BITS** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Tamara Oldaker

Project Location: **NOT GIVEN**

Sample ID: 4 @ 9' (H701214-17)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2017	ND	2.11	106	2.00	0.434	
Toluene*	<0.050	0.050	05/12/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	<0.050	0.050	05/12/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/12/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/12/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 %	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/11/2017	ND	193	96.6	200	2.84	
DRO >C10-C28	<10.0	10.0	05/11/2017	ND	196	97.8	200	1.26	
Surrogate: 1-Chlorooctane	63.5	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	69.4	% 34.7-15	7						

Sample ID: 4 @ 14' (H701214-18)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/09/2017	ND	400	100	400	3.92	

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 Received:
 05/05/2017
 Sampling Date:
 05/01/2017

 Reported:
 05/15/2017
 Sampling Type:
 Soil

Reported:05/15/2017Sampling Type:SoilProject Name:SMOKEY BITSSampling Condition:Cool & IntactProject Number:NONE GIVENSample Received By:Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: NORTH @ SURFACE (H701214-19)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2017	ND	2.11	106	2.00	0.434	
Toluene*	<0.050	0.050	05/12/2017	ND	2.11	105	2.00	0.179	
Ethylbenzene*	<0.050	0.050	05/12/2017	ND	2.08	104	2.00	0.0550	
Total Xylenes*	<0.150	0.150	05/12/2017	ND	6.21	103	6.00	0.209	
Total BTEX	<0.300	0.300	05/12/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/11/2017	ND	193	96.6	200	2.84	
DRO >C10-C28	<10.0	10.0	05/11/2017	ND	196	97.8	200	1.26	
Surrogate: 1-Chlorooctane	66.8	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	68.7	% 34.7-15	7						

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Fax To: (575) 397-0397

Received: 05/05/2017

Reported: 05/15/2017 Project Name: **SMOKEY BITS** Project Number: NONE GIVEN Project Location: **NOT GIVEN**

Sampling Date: 05/01/2017

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker

Sample ID: EAST @ SURFACE (H701214-20)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2017	ND	2.08	104	2.00	1.17	
Toluene*	<0.050	0.050	05/12/2017	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	05/12/2017	ND	2.12	106	2.00	2.63	
Total Xylenes*	<0.150	0.150	05/12/2017	ND	6.23	104	6.00	1.86	
Total BTEX	<0.300	0.300	05/12/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 %	72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/11/2017	ND	193	96.6	200	2.84	
DRO >C10-C28	<10.0	10.0	05/11/2017	ND	196	97.8	200	1.26	
Surrogate: 1-Chlorooctane	74.2 9	% 28.3-16	4						
C 1 CH 1	747	247.15	7						

76.7 % 34.7-157 Surrogate: 1-Chlorooctadecane

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Fax To: (575) 397-0397

Received: 05/05/2017 Sampling Date: 05/01/2017 Reported: Sampling Type: Soil

05/15/2017 Project Name: **SMOKEY BITS** Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Tamara Oldaker

Project Location: **NOT GIVEN**

Sample ID: SOUTH @ SURFACE (H701214-21)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2017	ND	2.08	104	2.00	1.17	
Toluene*	< 0.050	0.050	05/12/2017	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	05/12/2017	ND	2.12	106	2.00	2.63	
Total Xylenes*	<0.150	0.150	05/12/2017	ND	6.23	104	6.00	1.86	
Total BTEX	<0.300	0.300	05/12/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 %	6 72-148	}						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/09/2017	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	05/11/2017	ND	193	96.6	200	2.84	
DRO >C10-C28	<10.0	10.0	05/11/2017	ND	196	97.8	200	1.26	
Surrogate: 1-Chlorooctane	72.0 9	28.3-16	4						
Surrogate: 1-Chlorooctadecane	77.8	% 34 7-15	7						

Surrogate: 1-Chlorooctadecane 77.8 % 34.7-157

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 Received:
 05/05/2017
 Sampling Date:
 05/01/2017

 Reported:
 05/15/2017
 Sampling Type:
 Soil

Project Name: SMOKEY BITS Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Tamara Oldaker

Project Location: NOT GIVEN

Sample ID: WEST @ SURFACE (H701214-22)

BTEX 8021B	mg/	kg	Analyze	d By: BF					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2017	ND	2.08	104	2.00	1.17	
Toluene*	<0.050	0.050	05/12/2017	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	05/12/2017	ND	2.12	106	2.00	2.63	
Total Xylenes*	<0.150	0.150	05/12/2017	ND	6.23	104	6.00	1.86	
Total BTEX	<0.300	0.300	05/12/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 %	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/09/2017	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/11/2017	ND	193	96.6	200	2.84	
DRO >C10-C28	<10.0	10.0	05/11/2017	ND	196	97.8	200	1.26	
Surrogate: 1-Chlorooctane	71.9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	74.3	% 34.7-15	7						

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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

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Celeg D. Kreene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

(000) 383-2320 FAX (300) 300 ETT		ANALYSIS	SIS REQUEST
Company Name: BBC International, Inc.	DILL 10		
Project Manager: Cliff Brunson	P.O. #:		
	Company:		
State: N	Zip: 88241 Attn:		
5-397-6388 Fax #:	575-397-0397 Address:		
Project #: Project Owner:	: OXY city:		
Project Name: SMONEY BITS	State: Zip:	p:	
ĭ	Phone #:		
Sampler Name: Posts Busines	Fax#:		
		SAMPLING	
Lab I.D. Sample I.D.	#CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME TOPH	
1 0 1		77.86	
7 6 6 6	000	17 1000	
7 6 12		17/013	
200	0		
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82012	60	5117118	
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the please. 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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed without such as the contract of the client for th	any claim arising whether based in contract or tort, shall be limited to seemed waived unless made in writing and received by Cardinali will bettered waived unless made in writing and received by Cardinali will bettered waived unless interruptions, bots of use, or loss of profi	the amount paid by the client for the ini 30 days after completion of the applicable is incurred by client, its subaldiaries.	
Relingthished By: Time: 11-10gm	Cardinal, repartities of whether such claim is based upon any of the above Received By:	Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #: REMARKS:	one #: x #:
Relinquished By:	Received By:		
1. ch. 2.	Sample Condition CHECKED BY:	DBY:	
Delivered By: (Circle One)			

Cool Intact
Tyes Yes
No No

Sampler - UPS - Bus - Other:

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

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476		
company Name: BBC International, Inc.		ANALISIS
Project Manager: Cliff Brunson	P.O. #:	
	Company:	
bbs State: N	zip: 88241 Attn:	
5-397-6388 Fax #:	575-397-0397 Address:	
Project #: Project Owner:	city:	
Project Name: SMCDey 355	State: Zip:	
in:	Phone #:	
Distriction Office Zincan	Fax#:	
Sampler Name: ITY ICA 12 MATSON I	MATRIX PRESERV.	SAMPLING
Lab I.D. Sample I.D.	G)RAB OR (C)OMP CONTAINERS GROUNDWATER WASTEWATER GOIL DIL SLUDGE DTHER: ACID/BASE: CE / COOL DTHER:	DATE TIME TO BE SELECTED TO THE SELECTED TO TH
H101744	g V S C S S C	1
1000	200	
15003	6	
00711		
19 Well 61	00	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing whether bleed in contract or tort, shall be limited to the amount paid by the client for the PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing whether bleed in contract or tort, shall be limited to the amount paid by the client for the PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing whether bleed in contract or tort, shall be limited to the amount paid by the client for the PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether bleed in contract or tort, shall be limited to the amount paid by the client for the	remedy for any claim arising whether blased in contract or tort, shall be limited to the versital be deemed walved unless made in writing and received by Cardinal within 3	amount paid by the client for the 30 days after competion of the applicable
service. In no event shall Cardinal be liable for incidental or consequental damages, including windul missions, openings of whether such datin is based upon any of the above stated reasons or otherwise. Phone Result:	to Cardinal regardless of whether such claim is based upon any of the above Received By:	Phone Result: Yes No Add'I Phone #: Fax Result: Yes No Add'I Fax #: REMARKS:
Relinquished By:	Ch	
Delivered By: (Circle One)	Sample Condition CHECKED BT: Cool Intact (Initials) TYPES TYPES CONTROL TO THE CHECKED BT:	X
Die Cirpor		



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476		
ompany Name: BBC International, Inc.	BILL TO	ANALTSIS
	P.O. #:	
ddress: P.O. Box 805	Company:	
State: 1	Zip: 88241 Attn:	
5-397-6388 Fax #:	575-397-0397 Address:	
roject #: Project Owner:	er: PXY city:	
me: Smerre Bits	State: Zip:	
Special position:	Phone #:	
	Fax#:	
Sampler Name: 1 W 1 Work	PRESERV	SAMPLING
FOR LAB USE ONLY	ER R	- X
Lab I.D. Sample I.D.	(G)RAB OR (C)OI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME TO THE
n West Source		3/15
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service. In no event shall Cardinal be liable for incidental or consequental damages, including without imitation, usarises incrupations, have on the performance of services hereunder by Cardinal regardless of whether such daim is based upon any of the above stated reasons or otherwise affiliates or successors arising out of or related to the performance of services hereunder by Cardinal regardless of whether such daim is based upon any of the above stated reasons or otherwise. **Roceived** Ryc.*** **Phone Results** *	by Cardinat, repardless of whether such claim is based upon any of the above in Roce two Ry.	t: □ Yes □ No
Relinquished by:	2	REMARKS:

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

Relinquished By:

Received By:

CHECKED BY:



June 12, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SMOKEY BITS CTB

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

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keene

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



BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

 Received:
 06/06/2017
 Sampling Date:
 05/30/2017

 Reported:
 06/12/2017
 Sampling Type:
 Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP1 @ 1' (H701489-01)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	0.139	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	0.422	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	1.26	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	1.82	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 72-148	,						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	06/07/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	46.0	10.0	06/07/2017	ND	216	108	200	3.30	
DRO >C10-C28	841	10.0	06/07/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	108 9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	101 9	% 34.7-15	7						

Cardinal Laboratories *=Accredited Analyte

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/30/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP1 @ 2' (H701489-02)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	06/07/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/07/2017	ND	216	108	200	3.30	
DRO >C10-C28	<10.0	10.0	06/07/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	112 9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	93.9	% 347-15	7						

Surrogate: 1-Chlorooctadecane 93.9 % 34.7-157

Cardinal Laboratories *=Accredited Analyte

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Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/30/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP1 @ 7' (H701489-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	< 0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	< 0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5 9	72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	06/07/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/07/2017	ND	216	108	200	3.30	
DRO >C10-C28	32.2	10.0	06/07/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	98.2 9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	81.0 9	6 34.7-15	7						

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Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/30/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP1 @ 12' (H701489-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	06/07/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/07/2017	ND	216	108	200	3.30	
DRO >C10-C28	<10.0	10.0	06/07/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	93.2 9	28.3-16	4						
Surrogate: 1-Chlorooctadecane	77.0 9	% 34.7-15	7						

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Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/30/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP2 @ 1' (H701489-05)

TEX 8021B	mg	/kg	Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.399	0.100	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	10.6	0.100	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	15.7	0.100	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	35.5	0.300	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	62.3	0.600	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	159	% 72-148	}						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	06/07/2017	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	898	50.0	06/07/2017	ND	216	108	200	3.30	
DRO >C10-C28	10800	50.0	06/07/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	167	% 28.3-16	4						

Surrogate: 1-Chlorooctadecane 261 % 34.7-157

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/30/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP2 @ 3' (H701489-06)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	0.064	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	0.154	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	125 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	06/07/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/07/2017	ND	216	108	200	3.30	
DRO >C10-C28	144	10.0	06/07/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	93.7	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	84.2	% 34.7-15	7						

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/30/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP2 @ 9' (H701489-07)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 %	6 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/07/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	216	108	200	3.30	
DRO >C10-C28	68.4	10.0	06/08/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	93.0	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	79.8	% 347-15	7						

Surrogate: 1-Chlorooctadecane 79.8 % 34.7-157

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Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/30/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP2 @ 14' (H701489-08)

BTEX 8021B	mg/	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	06/07/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	216	108	200	3.30	
DRO >C10-C28	65.9	10.0	06/08/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	97.7	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	86.4	% 34.7-15	7						

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Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/30/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP3 @ 1' (H701489-09)

BTEX 8021B	mg,	/kg	Analyzed By: MS					S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.388	0.100	06/08/2017	ND	2.00	99.9	2.00	2.68		
Toluene*	10.6	0.100	06/08/2017	ND	2.00	100	2.00	1.66		
Ethylbenzene*	14.7	0.100	06/08/2017	ND	2.14	107	2.00	2.46		
Total Xylenes*	34.9	0.300	06/08/2017	ND	5.77	96.2	6.00	2.47		
Total BTEX	60.6	0.600	06/08/2017	ND						
Surrogate: 4-Bromofluorobenzene (PID	149	% 72-148	}							
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	06/07/2017	ND	448	112	400	3.64		
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	818	50.0	06/08/2017	ND	216	108	200	3.30		
DRO >C10-C28	12500	50.0	06/08/2017	ND	209	104	200	1.26		

Surrogate: 1-Chlorooctane 206 % 28.3-164 Surrogate: 1-Chlorooctadecane 332 % 34.7-157

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Received: 06/06/2017 Sampling Date: 05/30/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP3 @ 3' (H701489-10)

BTEX 8021B	mg/	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	880	16.0	06/07/2017	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	216	108	200	3.30	
DRO >C10-C28	99.2	10.0	06/08/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	95.6	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	86.8	% 347-15	7						

Surrogate: 1-Chlorooctadecane 86.8 % 34.7-157

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Received: 06/06/2017 Sampling Date: 05/30/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP3 @ 5' (H701489-11)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	216	108	200	3.30	
DRO >C10-C28	<10.0	10.0	06/08/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	96.0	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	79.0	% 34 7-15	7						

Surrogate: 1-Chlorooctadecane 79.0 % 34.7-157

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 Received:
 06/06/2017
 Sampling Date:
 05/30/2017

 Reported:
 06/12/2017
 Sampling Type:
 Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP3 @ 10' (H701489-12)

BTEX 8021B	mg/	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 72-148	}						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	216	108	200	3.30	
DRO >C10-C28	53.9	10.0	06/08/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	97.8	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	81.2	% 34.7-15	7						

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Received: 06/06/2017 Sampling Date: 05/30/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP3 @ 15' (H701489-13)

BTEX 8021B	mg/	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.5	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	216	108	200	3.30	
DRO >C10-C28	45.8	10.0	06/08/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	89.8	% 28.3-16	4						
	77.7	247.15	7						

77.7 % 34.7-157 Surrogate: 1-Chlorooctadecane

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Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP4 @ 1' (H701489-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	< 0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	< 0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	216	108	200	3.30	
		10.0	06/08/2017	ND	209	104	200	1.26	

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Celeg D. Keene

Surrogate: 1-Chlorooctadecane

84.2 %

34.7-157



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Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP4 @ 2' (H701489-15)

BTEX 8021B	mg/	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	2.00	99.9	2.00	2.68	
Toluene*	<0.050	0.050	06/08/2017	ND	2.00	100	2.00	1.66	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.14	107	2.00	2.46	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.77	96.2	6.00	2.47	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	216	108	200	3.30	
DRO >C10-C28	<10.0	10.0	06/08/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	91.1	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	76.2	% 34 7-15	7						

Surrogate: 1-Chlorooctadecane 76.2 % 34.7-157

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Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP4 @ 7' (H701489-16)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	<0.050	0.050	06/08/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	216	108	200	3.30	
DRO >C10-C28	<10.0	10.0	06/08/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	89.8	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	75.1	% 347-15	7						

Surrogate: 1-Chlorooctadecane 75.1 % 34.7-157

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Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP4 @ 12' (H701489-17)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	< 0.050	0.050	06/08/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	< 0.050	0.050	06/08/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	< 0.150	0.150	06/08/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	216	108	200	3.30	
DRO >C10-C28	38.4	10.0	06/08/2017	ND	209	104	200	1.26	
Surrogate: 1-Chlorooctane	89.69	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	83.5 9	% 34.7-15	7						

Surrogate: 1-Chlorooctadecane 34.7-157

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP5 @ 1' (H701489-18)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	<0.050	0.050	06/08/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	21.0	10.0	06/08/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	95.9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	82.1	% 347-15	7						

Surrogate: 1-Chlorooctadecane 82.1 % 34.7-157

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP5 @ 2' (H701489-19)

TEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	06/08/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	<0.050	0.050	06/08/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.7 %	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	<10.0	10.0	06/08/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	88.2 9	28.3-16	4						
Surrogate: 1-Chlorooctadecane	76.4 9	% 34.7-15	7						

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP5 @ 7' (H701489-20)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	<0.050	0.050	06/08/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.8	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	<10.0	10.0	06/08/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	97.8	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	77.4	% 347-15	7						

Surrogate: 1-Chlorooctadecane 77.4 % 34.7-157

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP5 @ 12' (H701489-21)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	<0.050	0.050	06/08/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	< 0.050	0.050	06/08/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	37.1	10.0	06/08/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	93.9 9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	79.6	% 34 7-15	7						

Surrogate: 1-Chlorooctadecane 79.6 % 34.7-157

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP6 @ 1' (H701489-22)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	<0.050	0.050	06/08/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.7	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	127	10.0	06/08/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	105 %	6 28.3-16	4						
Surrogate: 1-Chlorooctadecane	89.9	% 34.7-15	7						

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Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP6 @ 2' (H701489-23)

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	06/08/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	<0.050	0.050	06/08/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3 9	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/08/2017	ND	193	96.3	200	0.0364	
				ND		98.1	200	2.01	

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Celegy Keene

Surrogate: 1-Chlorooctadecane

84.9 %

34.7-157



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Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP6 @ 3' (H701489-24)

BTEX 8021B	mg/	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	06/08/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	<0.050	0.050	06/08/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.3 %	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	<10.0	10.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	85.2 %	28.3-16	4						
Surrogate: 1-Chlorooctadecane	75.9 9	% 34.7-15	7						

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Celegy Keene

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP6 @ 8' (H701489-25)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/08/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	<0.050	0.050	06/08/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	<0.050	0.050	06/08/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/08/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/08/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 72-148	}						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	<10.0	10.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	92.4	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	85.7	% 34.7-15	7						

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP6 @ 13' (H701489-26)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	<0.050	0.050	06/09/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	<0.050	0.050	06/09/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/09/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	<10.0	10.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	91.6	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	78.7	% 34 7-15	7						

Surrogate: 1-Chlorooctadecane 78.7 % 34.7-157

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP7 @ 1' (H701489-27)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.417	0.200	06/09/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	10.6	0.200	06/09/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	15.4	0.200	06/09/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	35.4	0.600	06/09/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	61.9	1.20	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	132	% 72-148	}						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	841	50.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	10800	50.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	155	% 28.3-16	4						
G . 1 CH . 1	272	247.15	7						

272 % 34.7-157 Surrogate: 1-Chlorooctadecane

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil
Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact

Project Number: NOT GIVEN Sample Received By: Tamara Oldaker
Project Location: EDDY COUNTY, NM

Sample ID: SP7 @ 2' (H701489-28)

BTEX 8021B	mg/	'kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.345	0.200	06/09/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	10.1	0.200	06/09/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	21.3	0.200	06/09/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	51.5	0.600	06/09/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	83.2	1.20	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	171 9	% 72-148	}						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: AC					

Chloride, SM4500Cl-B	mg,			d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1460	50.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	12700	50.0	06/09/2017	ND	196	98.1	200	2.01	

Surrogate: 1-Chlorooctane 175 % 28.3-164 Surrogate: 1-Chlorooctadecane 297 % 34.7-157

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP7 @ 4' (H701489-29)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	0.994	0.050	06/09/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	1.84	0.050	06/09/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	4.31	0.150	06/09/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	7.14	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	140 9	% 72-148	}						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	126	50.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	3270	50.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	99.1	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	115 9	% 34.7-15	7						

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

EDDY COUNTY, NM

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Sample ID: SP7 @ 9' (H701489-30)

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	06/09/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	< 0.050	0.050	06/09/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	< 0.050	0.050	06/09/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/09/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	6 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	<10.0	10.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	89.7	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	75.0 9	% 34.7-15	7						

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP7 @ 16' (H701489-31)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	<0.050	0.050	06/09/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	<0.050	0.050	06/09/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	<0.150	0.150	06/09/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	<0.300	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	244	10.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	89.4	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	76.1	% 34.7-15	7						

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP8 @ SURFACE (H701489-32)

BTEX 8021B	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.198	0.050	06/09/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	4.35	0.050	06/09/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	6.74	0.050	06/09/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	16.1	0.150	06/09/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	27.3	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	156	% 72-148							
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	32.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	328	50.0	06/09/2017	ND	193	96.3	200	0.0364	
	4830	50.0	06/09/2017	ND	196	98.1	200	2.01	

Surrogate: 1-Chlorooctane 124 % 28.3-164 183 % Surrogate: 1-Chlorooctadecane 34.7-157

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP8 @ 6" (H701489-33)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	0.130	0.050	06/09/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	0.258	0.050	06/09/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	0.817	0.150	06/09/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	1.20	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	13.6	10.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	397	10.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	90.4	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	79.8	% 34.7-15	7						

Surrogate: 1-Chlorooctadecane 79.8 % 34.7-157

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: NOT GIVEN Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP8 @ 1' (H701489-34)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	0.063	0.050	06/09/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	0.082	0.050	06/09/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	0.302	0.150	06/09/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	0.447	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	114	10.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	95.8	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	85.2	% 347-15	7						

Surrogate: 1-Chlorooctadecane 85.2 % 34.7-157

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Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP9 @ SURFACE (H701489-35)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.168	0.050	06/09/2017	ND	1.90	94.9	2.00	1.95	
Toluene*	3.48	0.050	06/09/2017	ND	1.88	94.2	2.00	2.10	
Ethylbenzene*	4.95	0.050	06/09/2017	ND	2.03	102	2.00	2.41	
Total Xylenes*	12.4	0.150	06/09/2017	ND	5.50	91.7	6.00	2.50	
Total BTEX	21.0	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	133	% 72-148	}						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	233	10.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	3650	10.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	122	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	158	% 34.7-15	7						

Surrogate: 1-Chlorooctadecane 158 % 34.7-157

Cardinal Laboratories *=Accredited Analyte

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP9 @ 6" (H701489-36)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2017	ND	1.97	98.7	2.00	0.663	
Toluene*	0.089	0.050	06/09/2017	ND	1.97	98.5	2.00	0.305	
Ethylbenzene*	0.121	0.050	06/09/2017	ND	2.12	106	2.00	0.756	
Total Xylenes*	0.445	0.150	06/09/2017	ND	5.75	95.9	6.00	0.766	
Total BTEX	0.656	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 72-148	}						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	310	10.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	80.9	% 28.3-16	4						
Surrogate: 1-Chlorooctadecane	79.5	% 34.7-15	7						

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SP9 @ 1' (H701489-37)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2017	ND	1.97	98.7	2.00	0.663	
Toluene*	<0.050	0.050	06/09/2017	ND	1.97	98.5	2.00	0.305	
Ethylbenzene*	<0.050	0.050	06/09/2017	ND	2.12	106	2.00	0.756	
Total Xylenes*	<0.150	0.150	06/09/2017	ND	5.75	95.9	6.00	0.766	
Total BTEX	<0.300	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.3	% 72-148							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	06/09/2017	ND	193	96.3	200	0.0364	
DRO >C10-C28	56.3	10.0	06/09/2017	ND	196	98.1	200	2.01	
Surrogate: 1-Chlorooctane	73.4 9	28.3-16	4						
Surrogate: 1-Chlorooctadecane	67.0 9	% 34.7-15	7						

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BBC International, Inc. Cliff Brunson P.O. Box 805

Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil Project Name: SMOKEY BITS CTB Sampling Condition: Coo

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: NORTH @ SURFACE (H701489-38)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2017	ND	1.97	98.7	2.00	0.663	
Toluene*	1.29	0.050	06/09/2017	ND	1.97	98.5	2.00	0.305	
Ethylbenzene*	1.94	0.050	06/09/2017	ND	2.12	106	2.00	0.756	
Total Xylenes*	4.39	0.150	06/09/2017	ND	5.75	95.9	6.00	0.766	
Total BTEX	7.62	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 72-148	}						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	68.4	10.0	06/09/2017	ND	218	109	200	5.54	
5.1.5 GC GEG									

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Celey D. Keene

Surrogate: 1-Chlorooctadecane

89.8 %

34.7-157



BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: EAST@ SURFACE (H701489-39)

mg/	kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	06/09/2017	ND	1.97	98.7	2.00	0.663	
1.19	0.050	06/09/2017	ND	1.97	98.5	2.00	0.305	
1.78	0.050	06/09/2017	ND	2.12	106	2.00	0.756	
4.04	0.150	06/09/2017	ND	5.75	95.9	6.00	0.766	
7.02	0.300	06/09/2017	ND					
103 5	% 72-148	}						
mg/	kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
80.0	16.0	06/07/2017	ND	464	116	400	14.8	
mg/	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
46.8	10.0	06/09/2017	ND	218	109	200	5.54	
168	10.0	06/09/2017	ND	237	119	200	6.66	
83.7	% 28.3-16	4						
	Result <0.050 1.19 1.78 4.04 7.02 103 9 mg/ Result 80.0 mg/ Result 46.8 168	<0.050 1.19 0.050 1.78 0.050 4.04 0.150 7.02 0.300 Result Reporting Limit 80.0 16.0 mg/kg Result Reporting Limit 46.8 10.0 </td <td>Result Reporting Limit Analyzed <0.050</td> 0.050 06/09/2017 1.19 0.050 06/09/2017 1.78 0.050 06/09/2017 4.04 0.150 06/09/2017 7.02 0.300 06/09/2017 I/03 % 72-148 mg/kg Analyzed Result Reporting Limit Analyzed Result Reporting Limit Analyzed 46.8 10.0 06/09/2017 168 10.0 06/09/2017	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Surrogate: 1-Chlorooctadecane 77.3 % 34.7-157

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: WEST@ SURFACE (H701489-40)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2017	ND	1.97	98.7	2.00	0.663	
Toluene*	1.11	0.050	06/09/2017	ND	1.97	98.5	2.00	0.305	
Ethylbenzene*	1.79	0.050	06/09/2017	ND	2.12	106	2.00	0.756	
Total Xylenes*	4.11	0.150	06/09/2017	ND	5.75	95.9	6.00	0.766	
Total BTEX	7.02	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 72-148							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	58.4	10.0	06/09/2017	ND	218	109	200	5.54	
			06/09/2017	ND	237	119	200	6.66	

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Celey D. Keene

Surrogate: 1-Chlorooctadecane

88.2 %

34.7-157



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 06/06/2017 Sampling Date: 05/31/2017

Reported: 06/12/2017 Sampling Type: Soil

Project Name: SMOKEY BITS CTB Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: EDDY COUNTY, NM

Sample ID: SOUTH @ SURFACE (H701489-41)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/09/2017	ND	1.97	98.7	2.00	0.663	
Toluene*	1.00	0.050	06/09/2017	ND	1.97	98.5	2.00	0.305	
Ethylbenzene*	2.27	0.050	06/09/2017	ND	2.12	106	2.00	0.756	
Total Xylenes*	5.50	0.150	06/09/2017	ND	5.75	95.9	6.00	0.766	
Total BTEX	8.78	0.300	06/09/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 72-148	}						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/07/2017	ND	464	116	400	14.8	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	69.1	10.0	06/09/2017	ND	218	109	200	5.54	
DRO >C10-C28	227	10.0	06/09/2017	ND	237	119	200	6.66	
Surrogate: 1-Chlorooctane	88.7	% 28.3-16	4						

Surrogate: 1-Chlorooctadecane 76.1 % 34.7-157

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Notes and Definitions

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

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

Name ((505) 393-2326 FAX (505) 393-2476	76	BILL TO	70			ANALYSIS REQUEST	
Company Name:	Company Name: BBC International, Inc.		PO #			_		
Project Manager:	: Cliff Brunson		7.0. #					
Address: P.O.	P.O. Box 805		Company: UK	ک				
city: Hobbs	State: NM	Zip: 88241	Attn: (QX	5				
Phone #: 575-397-6388	Fax#:	575-397-0397	Address:		×	_		
Project #:	Project Owner: Oxy	ar: Oxy	City:					
Project Name: S	Project Name: SMOKEY BITS CTB		State: Zip:	n				
Project Location:	Eddy County, NM		Phone #:					
Sampler Name:	Roger Hernandez		Fax #:					
FOR LAB USE ONLY		MATRIX	PRESERV.	SAMPLING				
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP CONTAINERS BROUNDWATER VASTEWATER SOIL	DIL SLUDGE DTHER: ACID/BASE: CE / COOL DTHER:	DATE TIME	BTEX C1	TPH		
11101107	SP1 @ 1'	-	<	5/30/17 9:05 AM		. <		
3 -	SP1 @ 2'	61	√ 5/3	-	4	. <		
1	SP1 @ 7'	0 -	5/3	-	4			
_	SP1 @ 12'	6 - 7	5/3	-		. <		
এ	SP2 @ 1'	S	S/3	-	<			
6	SP2 @ 3'	G =	5/3	5/30/17 12:40 PM	4	. <		
4	SP2 @ 9'	G = <	5/2	_		. <		
00	SP2 @ 14'	6 - 1	55		4			
9	SP3 @ 1'	\ \ \ \	200					
OI D	SP3 @ 3'	6 7	V D/G	the amount paid by the client for	the Y	-		
PLEASE NOTE: Liability and Day analyses. All claims including the	mages. Cardinal's liability se for negligence and any al be liable for incidental o	for any claim artsing whether based in be deemed waived unless made in ding without limitation, business into	and client's exclusive remety for any claim arising whether based in contract or tim, see to exercise the competition of the a y other cause whatscover shall be deemed waived unless made in writing and newheel by Cardinal within 30 days after competition of the a r consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by cleant, its substitutions	30 days after completion of th incurred by client, its subsidiar	e applicable res.			
Relinquished By	ng out of or related to the performance of Y)	Received By:	of whether such claim is based upon any or the acci By:	Phone Result:	sult:	es 🗆 No	Add'I Phone #: Add'I Fax #:	
Carl	CRESSILL SPORT		· himis	REMARKS:				
Relinquished By:	(Received By:	2	_				
1	Time 3: SOP	Pm Valua	a Winds					
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CHECKED BY:

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.		BILL TO	ANALYSIS REQUEST	
Project Manager: Cliff Brunson		P.O. #:		
Address: P.O. Box 805		Company: OKU		
City: Hobbs State: NM	zip: 88241	Attn: (uSu)		
Phone #: 575-397-6388 Fax #: 57	575-397-0397	Address:		
Project #: Project Owner: Oxy	er: Oxy	City:		
Project Name: SMOKEY BITS CTB		State: Zip:		
Project Location: Eddy County, NM		Phone #:		
Sampler Name: Roger Hernandez		Fax #:		
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
	VATER		X	
Нж 1489-	(G)RAB OF # CONTAIN GROUNDW WASTEWA SOIL OIL SLUDGE	OTHER: ACID/BASE ICE / COOI OTHER: DATE		
SP3 @ 5'		√ 5/30/17 3:52 PM	-	
11 SP3 @ 10'	6 -	5/30/17 4:00 PM	-	
(3 SP3 @ 15'	6 -	√ 5/30/17 4:20 PM	- < < <	
4 SP4 @ 1"	61	5/31/17 8:35 AM	-	
	6-	5/31/17 8:43 AM	- < < <	
_	6-	5/31/17 8:57 AM	-	
_	6-	V 5/31/17 9:20 AM	-	
8 SP5 @ 1"	6-	5/31/17 10:08 AM	S	
	G -	✓ 5/31/17 10:20 AM	S	
10 SP5 @ 7"	611	5/31/17 10:35 AM		
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive remody for	any claim i	arising whether based in contract or tort, shall be limited to the amount paid by the client for the	for the	

Sampler - UPS - Bus - Other:	Delivered By: (Circle One
ier: 3(1)	9)
D'yoC	
No Clark	Sample Condition
V. N.	CHECKED BY:

Relinquished By:

Date 6.6.17 Time3: SOPh

ved By:

umus

ed by client, its subsidiaries

Phone Result: Fax Result: REMARKS:

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

Delivered By: (Circle One)

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST $\beta^{0^{\chi}}$

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

1					
Company Name: BBC International, Inc.		BILL TO		ANALYSIS	REQUEST
Project Manager: Cliff Brunson		P.O. #:			
Address: P.O. Box 805		Company: O(u)		_	
City: Hobbs State: NM	Zip: 88241	Attn: (USO)		_	
Phone #: 575-397-6388 Fax #: 575	575-397-0397	Address:			
Project #: Project Owner: Oxy	r: Oxy	City:			
ame: SMOKEY BITS CTB		State: Zip:			
Project Location: Eddy County, NM		Phone #:			
Sampler Name: Roger Hernandez		Fax #:			
	MATRIX	PRESERV. SAMPLING	ING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	BTEX	TPH	
2 SP5 @ 12'	61	5/31/17	10:49 AM 🗸 🗸	<	
38 SP6 @ 1'	6 - 2	5/31/17	11:12 AM 🗸 🗸	<	
33 SP6 @ 2"	61	5/31/17	11:14 AM 🗸 🗸	< -	
	6-	5/31/17	11:18 AM V	<	
85 SP6 @ 8'	0 - 1	5/31/17	11:35 AM 🗸 🗸	`	
26 SP6 @ 13'	0 = 2	5/31/17	11:48 AM 🗸 🗸	_	
,	6 - 7	5/31/17	12:05 PM 🗸 🗸	_	
38 SP7 @ 2'	0	5/31/17	12:10 PM 🗸 🗸	_	
29 SP7 @ 4'	0 - 1	5/31/17	12:15 PM 🗸 🗸		
30 SP7 @ 9' PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for	and distrib suclusive remody for any claim arising whether based in contract or tort, shall be limit	of or tort, shall be limited to the amount pa	5/31/17 1:00 PM 🗸 🗸	1	
nalyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and neceived by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be lable for incidental or consequential demanges, including without firmation, business intemptions, loss of use, or loss of profits incurred by client, its subsidiaries, influence or successors arising out of or related to the performance of services between the Cardinal, inguitaties of whether such claim is based upon any of the above stated reasons or otherwise.	shall be deemed waived unless made in writing a including without limitation, business interruptions noter by Cardinal, regardless of whether such clain	as whatsoever shall be deemed waived unless made in witting and received by Caetina wittin 30 days after completion of the a ertal damages, including without limitation, business interruptions, to loss of use, or loss of profits incurred by client, its subdistances services berearder by Caetinut, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	er completion of the applicable client, its subsidiaries, asons or otherwise.		
Relinquished By Dates	Received By:		Phone Result: Y	Yes □ No Add'I Phone #:	7
Time;	la	lunes			
(Received By:	Jany 1			
red By: (Circle One)		ç			
Sampler - UPS - Bus - Other:	Yes Tyes	as (minais)			

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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101 East Marland, Hobbs, NM 88240	lobbs, NM 88240			
10	((505) 393-2476			
Company Name: BBC International, Inc.	al, Inc.	BILL TO		ANALYSIS REQUEST
Address: P.O. Box 805		Company: ONA		
city: Hobbs	State: NM Zip: 88241	750		
Phone #: 575-397-6388	Fax #: 575-397-0397	Address:		
Project #:	Project Owner: Oxy	City:		
Project Name: SMOKEY BITS CTB	V32.32	State: Zip:		
Project Location: Eddy County, NM		Phone #:		
Sampler Name: Roger Hernandez	dez	Fax #:		
┑	MATRIX	PRESERV. SAMPLING	NG	
Lab I.D. Sample I.D.)RAB OR (C)OMP. CONTAINERS ROUNDWATER ASTEWATER		BTEX Cl TPH	
3 SP7 @ 16'		5/31/17	1:32 PM 🗸 🗸 🗸	
32 SP8 @ SURFACE	6- 4	5/31/17	1:46 PM 🗸 🗸 🗸	
33 SP8 @ 6"	61	5/31/17	1:51 PM 🗸 🗸 🗸	
_	0-	5/31/17	2:01 PM \ \ \	
	6-	V 5/31/17	2:08 PM 🗸 🗸	
	6-		2:11 PM \ \ \ \	
37 SP9 @ 1"	6 -	5/31/17	2:22 PM 🗸 🗸	
38 NORTH @ SURFACE		V 5/31/17 V 5/31/17	2:38 PM	
	CE 611 1/	V 5/31/17	3:10 PM 🗸 🗸 🗸	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exc analyses. All claims including those for negligence and any other cause we service. In no event shall Cardinal be liable for incidental or consequental	sociusive remedy for any claim arising whether base whatspewer shall be deemed waved unless made whatspewer shall be deemed water unless made at damages, enclaid for a final securities of unlabers to the security of the securities of unlabers and the security of the securities of unlabers to the security of the securities of unlabers and the securities of the securities of unlabers and the securities of the securit	d in contract or tort, shall be limited to the amount paid writing and received by Cardinal within 30 days after terrupidors, and received by close of profits incurred to the above the state of the state of the state of the terrupidors in based upon one of the above at their case.	ount paid by the client for the lays after completion of the applicable resources or client, its subsidiaries, teach coancing or chibocolies	
Relinquished, By:	Date 3 17 Received By:	kines	Phone Result:	□ No Add'I Phone #: □ No Add'I Fax #:
Relinquished By:	Date: 17 Received By:	that		
Delivered By: (Circle One)		ion CHECKED BY:		
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CHAIN-OF-CUST

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AR	ARDINAL LABORATORIES	ORIES						
	(505) 393-2326 FAX (505) 393-2476	393-2476						
Company Name:	BBC International, Inc.			BILL TO			ANALYSIS REQUEST	JEST
Project Manager:			P.O. #:					
Address: P.O. Box 805	Box 805		Company:	ny: OXY		_		
city: Hobbs		State: NM Zip: 88241	Attn:	Mr. M.		_		
Phone #: 575-397-6388	-	575-	CO :	s:				
Project #:	50	Project Owner: Oxy	City:					
Project Name: S	Project Name: SMOKEY BITS CTB		State:	Zip:				
Project Location:	Eddy County, NM		Phone #:	#				
Sampler Name:	Roger Hernandez		Fax #:					
FOR LAB USE ONLY	3		MATRIX PRE	PRESERV. SAMPLING	G			
- sh	Sample I D	WATER			EX	1 2H		
H701489-		# CON	SOIL OIL SLUDG OTHER ACID/B	OTHER DATE	TIME B'			
	SOUTH @ SURFACE	_		5/31/17	3:20 PM 🗸	< <		
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	X							
	0 6 6 11							
	(0)							
PLEASE NOTE: Liability and Dam analyses. All claims including thos	PLEASE NOTE: Liability and Danages. Cardina's liability and client's exclusive remoty for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the applicable analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable	sive remedy for any claim arising whether tsoever shall be deemed waived unless n	based in contract or tort, shall I	to limited to the amount paid Cardinal within 30 days after	sount paid by the client for the days after completion of the applicant.	cable		
service. In no event shall Ca affiliates or successors arisin	service. In no event shall Cardinal be liable for incidental or consequental da efficiales or successors arising out of or related to the performance of service	equental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by Jolent, its subustainess of services hereunider by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or Dente.	rithout limitation, business interruptions, loss of use, or loss of pro- trinal, regardless of whether such claim is based upon any of the	any of the above stated rear	ent, its subsidianes, sons or otherwise.	Vac		
Relinquished By	1	Date:/3/ (1 Received By:	9		Fax Result:	□ Yes □	□ No Add'l Fax #:	
Cart	Z	Du !	Ropula human		REMARKS:			
Relinquished By:	limes	Received	alim / Mary					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		2 2 2	Sample Condition (Cool Intact	CHECKED BY: (Initials)				
odilipie - or o		200	10	1////				

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

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

Form C-141 Revised April 3, 2017

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

			Rele	ase Notific	ation	and Co	rrective A	ction	1	
						OPERA T	TOR .			Report Final Repor
Name of Co		OXY USA V					ASEY L SUM			
		294; HOUS		77210		Celephone N				
Facility Nar	ne SMO	KEY BITS	СТВ			acility Typ	e CENTRAL	TANI	BATTER	<u>Y</u>
Surface Ow	ner STA	TE		Mineral C)wner	STATE			API No.	30-015-39118
				LOCA		OF REI	LEASE			
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/\	West Line	County
L	36	18S	30E	1750	SC	DUTH	330	N	/EST	EDDY
	10		Lati	tude_32.701507	76_ Lon	igitude10	3.9330444_ N	AD83		
				NAT	URE (OF RELI	EASE			
Type of Rele	ase OIL					Volume of		S	Volume R	ecovered 8 bbls
Source of Re	lease LIN	E				Date and H 4-18-2017	our of Occurrence	e	Date and I 4-19-2017	lour of Discovery
Was Immedia	ate Notice C		Yes 🗔	No □ Not Re	equired	If YES, To	Whom? ATCHER-NMOC	D: CRY		
By Whom?	CASEYS	UMMERS			1	Date and H		9:43		
Was a Water							lume Impacting t			
			Yes 🛚	No					٠	
If a Watercou	irse was Imj	oacted, Descri	be Fully.*	•			10			
Describe Cau	se of Proble	m and Remed	lial Action	1 Taken.*						
Snill was ca	used by fli	uid venting c	ui throug	th line when the	vecell	high pressu	red. 8 bbls was	recove	red by vac	uum truck
ырт жаз са	used by m	nd venting e		mile when the	763361	ingii pressui	. 0 0013 Was	100010	rea by vac	aum auck.
Describe Are	a Affected a	ınd Cleanup A	Action Tak	en.*						
The affected	area is anno	nximately 40'	X 40' on	location (measure	ements a	re subject to	change with futur	e GPS t	rack) Re	emediation will be completed
				by the NMOCD.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	o sabject to				modulation with our completion
I hereby certi	fy that the i	nformation gi	ven above	is true and comp	lete to th	e best of my	knowledge and u	nderstai	nd that pursi	ant to NMOCD rules and
										ases which may endanger
										eve the operator of liability surface water, human health
or the enviror	nment. In a	ddition, NMO	CD accep							mpliance with any other
federal, state,	or local lay	vs and/or regu	lations.							·
	- A /I						OIL CONS	SERV	ATION	<u>DIVISION</u>
Signature:	~	4								
Printed Name	: CASEY	L SUMME	RS		A	Approved by	Environmental Sp	pecialis	t:	
Title: ENV	IRONMEN	TAL ADVIS	OR			Approval Dat	e:		Expiration I	Pate:
						Conditions of	100			
E-mail Addre	- 1	_summers@c	xv.com		— (201101110115 01	whhrosar			Attached
Date:	-19-1	Phone:	575-513	3-8289						

^{*} Attach Additional Sheets If Necessary

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico Energy Minerals and Natural Resources

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

Attached

Form C-141 Revised April 3, 2017

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

	and the second second		CASE III IVE									
			Rele	ease Notific	eation	and Co	rrective A	ction				
						OPERA	ГOR	1		l Report	П	Final Repor
Name of Co		OXY USA V			3	Contact C	CASEY L SUMI	MERS				
		294; HOUS				Telephone 1						
Facility Na	me SMC	OKEY BITS	STATE	СОМ 3Н СТВ		Facility Typ	e BATTERY					
Surface Ow	ner STA	ATE		Mineral C	wner	STATE			API No	. 30-015	-3911	18
				LOCA	TION	OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/W	est Line		Cour	nty
L	36	188	30E	1750	S	OUTH	330	W	EST		EDD	ΟY
100			Lat	itude: 32 7015	076 Lo	ngitude: -1	03.9330444_NA	VD83				
			2	W				1005				
Type of Rele	ase O	II		NAI	UKE	OF RELI		e I	Volume R	acovered	8 bbl:	c
Source of Re			through li	ne when vessel hi	gh	A CONTRACTOR OF THE PROPERTY OF THE PARTY OF	lour of Occurrenc		The reconstruction of the second	Hour of Dis		
pressured.					*	5-16-2017			5-17-2017			
Was Immedi	ate Notice (Vac E	No Not Re	anirad	If YES, To	Whom? ATCHER-NMOC	D. CDV	CTAL WE	EAVED N	MOCE	SUELLY
			ies L	1 NO I NOUN	equireu		BLM; AMBER G			EAVER-IN	VIOCI), SHELL I
By Whom?		SUMMERS				Date and H	lour 5/17/2017	@ 4:38 I	PM			
Was a Water	course Reac	thed?	Yes 🗵	l No		If YES, Vo	lume Impacting t	he Water	course.			
If a Watercoo	I	H	N NATHONE AREN	5.00,0000								
II a watercoo	irse was im	pacted, Descri	ibe runy.									
Describe Cau	ise of Proble	em and Remed	dial Action	Taken.*								
Eluid vented	out through	line when yes	eeel high r	araccurad Draccu	ra icena s	will be correc	ted through repip	ing of the	a facility S	hhle were	racove	arad via
vacuum truck		ime when ve	sser mgn p	bressured. Fressu	re issue v	will be correc	ted tilrough repip	mg or the	e facility. c	o dois were	recove	neu via
100 Section 100 Se												
Describe Are	a Affected a	and Cleanup A	Action Tak	en.*								
		(Z)				105 - 1072 - 406	2010a	0.0000000000000000000000000000000000000	sansaeranne rumnikeram	v		
		kimately 50x4 approved by the			bject to o	change with f	uture GPS track).	Remedi	iation will	be complete	ed in a	ccordance
		\$155 IS										
							knowledge and ur					
							nd perform correct arked as "Final Re					
should their	perations h	ave failed to a	dequately	investigate and re	emediate	contaminati	on that pose a thre	eat to gro	und water,	surface wa	iter, hu	ıman health
or the enviro	nment. In a	ddition, NMO	CD accep	tance of a C-141	report do	es not reliev	e the operator of r	esponsib	ility for co	mpliance w	ith an	y other
federal, state	or local lay	vs and/or regu	lations.				OIL CONG	EDV	TION	DIVICIO	IXI	
	11/	1					OIL CONS	SERVE	ATION .	DIVISIC	<u>//N</u>	
Signature:	W											
Printed Name	CASE	L SUMMER	RS		F	Approved by	Environmental Sp	ecialist:				
Title: ENV	IRONMEN	TAL ADVIS	OR		l A	Approval Dat	e:	E	xpiration I	Date:		

Conditions of Approval:

E-mail Address: casey summers@oxy.com

Phone: 575-513-8289

^{*} Attach Additional Sheets If Necessary