Closure Report

NAB1832536550

Site Description							
Site Name:	Riverbend Federal B-11 CTB						
Company:	Oxy, Permian						
Legal Description:	U/L E, Section 23, T24S, R29E						
County:	Eddy County NM						
GPS Coordinates:	N 32.20372 W - 103.96246						

	Release Data							
Date of Release:	10/30/18/							
Type of Release:	Crude oil							
Source of Release:	Oil tank spilled over due to level transmitter failure							
Volume of Release:	200 bbls							
Volume Recovered:	0 bbls							

Remediation Specifications								
		ne entire leak area to a depth of 2 ft. Collected bottom samples every 50ft. Backfilled the entire site with clean soil						
Remediation Activities:	1/4/21 TO	O 5/5/21						
Plan Sent to OCD:	6/26/2019	Email from Cliff Brunson to Robert Hamlet						
OCD Approval of Plan:	7/12/2019	Email from Robert Hamlet to Cliff Brunson						
Plan Sent to BLM:	6/26/2019	Email from Cliff Brunson to James Amos						
BLM Approval of Plan:	11/19/2019	Email from James Amos to Cliff Brunson						

Supporting Documentation							
Initial C-141	signed and included						
C-141, page 6	signed and included						
Site Diagram	Google Earth map with	n excavation depths & confirmation sample points					
Pictures	Remediation photos						
Lab Summary/Analysis	Confirmation lab sumn	onfirmation lab summary/analysis report for 2/20/20					
Depth to Groundwater	USGS Info						

Request for Closure

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

5/7/2021

<u>District I</u> 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

Responsible Party

Contact Name

Contact email

OXY USA INC.

WADE DITTRICH

State of New Mexico Energy Minerals and Natural Resources Department

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

Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	NAB1832536550
District RP	
Facility ID	
Application ID	

16696

(575) 390-2828

Release Notification

Responsible Party

OGRID

Contact Telephone

			Location	1 01 K	telease S	ource	
atitude	V 32.20	1372	70000 00000		Longitude	<u>W-103</u>	.96246
			(NAD 83 in de	ecimal de	egrees to 5 deci	mal places)	
Site Name		RIVERBEND F	EDERAL B-1	1 CTB	Site Type	BAT	TERY
Date Release I	Discovered	10/30/18			API# (if ap	plicable)	
Unit Letter	Section	Township	Range		Cou	nty	7
E	23	24S	29E	EC	DDY COL	JNTY, NM	
urface Owner:		Federal Tr	Nature and	d Vol	lume of 1	justification for the	e volumes provided below)
urface Owner:		(s) Released (Select all	Nature and	d Vol	lume of 1	justification for the	e volumes provided below)
urface Owner:	Material	(s) Released (Select all Volume Released	Nature and that apply and attack d (bbls) 200 BE	d Vol	lume of 1	Volume Reco	overed (bbls) 0 BBLS
urface Owner:	Material	(s) Released (Select all Volume Released Volume Released	Nature and that apply and attack d (bbls) 200 BE	d Vol	lume of l	Volume Reco	overed (bbls) 0 BBLS overed (bbls)
urface Owner:	Material	(s) Released (Select all Volume Released Volume Released Is the concentrati	Nature and that apply and attack d (bbls) 200 BE d (bbls) ion of dissolved of	d Vol	lume of l	Volume Reco	overed (bbls) 0 BBLS overed (bbls)
urface Owner:	Material Water	(s) Released (Select all Volume Released Volume Released	Nature and that apply and attack d (bbls) 200 BE d (bbls) ion of dissolved c>10,000 mg/l?	d Vol	lume of l	Volume Reco	overed (bbls) 0 BBLS overed (bbls)
urface Owner: Crude Oil Produced V	Material Water e	(s) Released (Select all Volume Released Volume Released Is the concentrati produced water >	Nature and that apply and attack d (bbls) 200 BE d (bbls) ion of dissolved on 10,000 mg/l?	d Vol	lume of l	Volume Reco	overed (bbls) 0 BBLS overed (bbls) No overed (bbls)
Crude Oil Produced V	Material Water e	(s) Released (Select all Volume Released Volume Released Is the concentrati produced water > Volume Released	Nature and that apply and attack d (bbls) 200 BE d (bbls) ion of dissolved one had been been been been been been been bee	d Vol	lume of dispersions or specific	Volume Reco	overed (bbls) 0 BBLS overed (bbls) No overed (bbls)
■ Crude Oil ■ Produced V ■ Condensate ■ Natural Ga	Material Water e us cribe)	(s) Released (Select all Volume Released Volume Released Is the concentrati produced water > Volume Released Volume Released	Nature and that apply and attack d (bbls) 200 BE d (bbls) ion of dissolved one had been been been been been been been bee	d Vol	lume of dispersions or specific	Volume Reco	overed (bbls) 0 BBLS overed (bbls) overed (bbls) overed (bbls) overed (Mcf)

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State of New Mexico Oil Conservation Division

Incident ID	NAB1832536550
District RP	
Facility ID	
Application ID	

Was this a major release as defined by	If YES, for what reason(s) does the responsible THE RELEASE IS MORE THAI	onsible party consider this a major release?
19.15.29.7(A) NMAC?	THE NELLAGE IS MORE THAI	V 20 BBL3.
Yes No		
If VES was immediate no	ortice given to the OCD2 By whom? To w	hom? When and by what means (phone, email, etc)?
YES, BY WADE DIT		TCHER AND MARIA PRUETT OF NMOCD AND
	Initial R	esponse
The responsible p	party must undertake the following actions immediate	ly unless they could create a safety hazard that would result in injury
The source of the rele	ase has been stopped.	
The impacted area has	s been secured to protect human health and	the environment.
Released materials ha	ve been contained via the use of berms or	likes, absorbent pads, or other containment devices.
All free liquids and re	coverable materials have been removed an	d managed appropriately.
If all the actions described	above have not been undertaken, explain	why:
Per 19.15.29.8 B. (4) NM	AC the responsible party may commence r	emediation immediately after discovery of a release. If remediation
has begun, please attach a	narrative of actions to date. If remedial	efforts have been successfully completed or if the release occurred lease attach all information needed for closure evaluation.
		best of my knowledge and understand that pursuant to OCD rules and
regulations all operators are r	equired to report and/or file certain release noti	fications and perform corrective actions for releases which may endanger
failed to adequately investigated	te and remediate contamination that pose a thre	CD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In
addition, OCD acceptance of and/or regulations.	a C-141 report does not relieve the operator of	responsibility for compliance with any other federal, state, or local laws
Printed Name: Wade	Dittrich	Title: Environmental Coordinator
Signature:	he Mus	Date: 11-1578
email: wade_dittric	ch@oxy.com	Telephone: (575) 390-2828
email:		Telephone: (0,0) 000 2020
OCD Only		
		D. (
Received by:		Date:

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State of New Mexico Oil Conservation Division

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

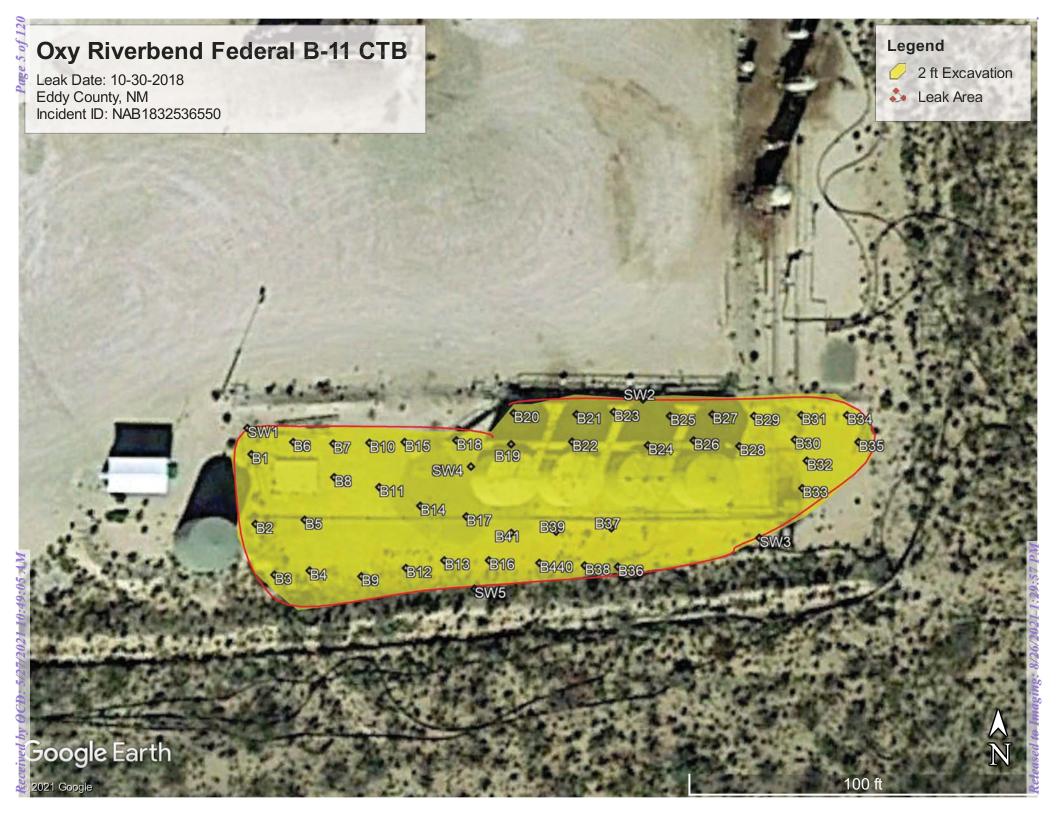
A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Incident ID	NAB1832536550
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Photographs of the remediated site prior to backfill or photos must be notified 2 days prior to liner inspection)	s of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate OD	C District office must be notified 2 days prior to final sampling)
Description of remediation activities	
and regulations all operators are required to report and/or file certain may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and rehuman health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially and tribute in the release or their final land use in
Printed Name: Wade Dittrich	Title: Environmental Coordinator
Printed Name: Wade Dittrich Signature:	Date: 370-21
email: wade_dittrich@oxy.com	Date: 3 70-Z(Telephone: (575) 390-2828
OCD Only	
Received by:	Date:
Closure approval by the OCD does not relieve the responsible party remediate contamination that poses a threat to groundwater, surface party of compliance with any other federal, state, or local laws and/	of liability should their operations have failed to adequately investigate and water, human health, or the environment nor does not relieve the responsible or regulations.
Closure Approved by:	Date:
Printed Name:	Title:



Oxy, Riverbend Federal B-11 CTB

Confirmation Sample points

BS1, N 32.20265 W-103.96242 BS2, N 32.20360 W-103.96242 BS3, N 32.20356 W-103.96240 BS4, N 32.20355 W-103.96237 BS5, N 32.20360 W-103.96237 BS6, N 32.20366 W-103.96238 BS7, N 32.20366 W-103.96235 BS8, N 32.20363 W-103.96235 BS9, N 32.20356 W-103.96233 BS10, N 32.20366 W-103.96231 BS11, N 32.20363 W-103.96230 BS12, N 32.20356 W-103.95230 BS13, N 32.20357 W-103.96224 BS14, N 32.20361 W-103.96227 BS15, N32.20366 W-103.96228 BS16, N32.20357 W-103.96220 BS17, N32.20360 W-103.96222 BS18, N32.20266 W-103.96223 BS19, N32.20364 W-103.96218 BS20, N32.20368 W-103.96218 BS21, N32.20368 W-103.96212 BS22, N32.20366 W-103.96212 BS23, N32.20369 W-103.96209 BS24, N32.20366 W-103.96205 BS25, N32.20368 W-103.96203

BS26 N32.20366 W-103.96201 BS27 N32.20368 W-103.96199 BS28 N32.20366 W-103.96197 BS29 N32.20368 W-103.96196 BS30 N32.20366 W-103.96192 BS31 N32.20368 W-103.96191 BS32 N32.20365 W-103.96191 BS33 N32.20362 W-103.96191 BS34 N32.20368 W-103.96187 BS35 N32.20366 W-103.96186 BS36 N32.20357 W103.96207 BS37 N32.20359 W103.96204 BS38 N32.20356 W103.96211 BS39 N32.20359 W103.96210 BS40 N32.20357 W103.96216 BS41 N32.20359 W103.96218 SW1 N32.203677 W103.96243 SW2 N32.20369 W103.96205 SW3 N32.20359 W103.96195 SW4 N32.20364 W103.96222 SW5 N32.20355 W103.96222

Laboratory Analytical Results Summary Oxy, Riverbend Federal B-11 CTB (10-30-18)

		Sample ID	B1	B2	В3	B4	B5	B6	B7	B8	В9	B10
Analyte	Method	Date	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21
			mg/kg									
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	<0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	<0.050
Total Xylenes	BTEX 8021B		< 0.150	< 0.150	< 0.150	< 0.150	< 0.150	<0.150	< 0.150	< 0.150	< 0.150	< 0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	<0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0	32	32	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	28.4	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	B11	B12	B13	B14	B15	B16	B17	B18	B19	B20
Analyte	Method	Date	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21
			mg/kg									
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	<0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		< 0.150	< 0.150	< 0.150	<0.150	< 0.150	<0.150	< 0.150	< 0.150	< 0.150	< 0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	<0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	62.3	106	193	<10.0	12.8	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	14.0	29.6	65.3	<10.0	<10.0	<10.0	<10.0

		Sample ID	B21	B22	B23	B24	B25	B26	B27	B28	B29	B30
Analyte	Method	Date	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/11/21	3/12/21	3/12/21	3/12/21	3/12/21
			mg/kg									
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		< 0.150	< 0.150	< 0.150	< 0.150	< 0.150	<0.150	< 0.150	< 0.150	<0.150	< 0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0	<16.0	<16.0	<10.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	16.7	173	220	64.6	79.3	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	49.8	57.7	16.1	17.0	<10.0	<10.0

		Sample ID	B31	B32	B33	B34	B35	B36	B37	B38	B39	B40	B41
Analyte	Method	Date	3/12/21	3/12/21	3/12/21	3/12/21	3/12/21	3/12/21	3/12/21	3/12/21	3/12/21	3/12/21	3/12/21
			mg/kg										
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total 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
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	<0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0	<16.0	<10.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	>10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<20.2	34.4	60.9	111	134	71.7	44.5	61.2
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	17.0	24.9	31.3	10.4	<10.0	11.3

Laboratory Analytical Results Summary Oxy, Riverbend Federal B-11 CTB (10-30-18)

		Sample ID	SW1	SW2	SW3	SW4	SW5
Analyte	Method	Date	3/12/21	3/12/21	3/12/21	3/12/21	3/12/21
			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		<16.0	<16.0	<16.0	16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		51.1	101	109	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	17.9	22.3	<10.0	<10.0

		Sample ID	BS15	BS16	BS25	BS26	BS37	BS38	SW2	SW3
Analyte	Method	Date	3/19/21	3/19/21	3/19/21	3/19/21	3/19/21	3/19/21	3/19/21	3/19/21
			mg/kg							
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		<0.150	< 0.150	<0.150	<0.150	< 0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	<0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

























April 16, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RIVERBEND B-11 CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/12/19 10:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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



Analytical Results For:

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

Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/12/2019 Sampling Date: 04/10/2019

Reported: 04/16/2019 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Analyzed By: ms

Project Location: OXY - MALAGA, NM

mg/kg

Sample ID: SP 1 @ 2' (H901352-01)

BTEX 8021B

BIEX GOEIB	9	, «9	Anaryzo	a 2 y 1 1113					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2019	ND	2.04	102	2.00	0.584	
Toluene*	<0.050	0.050	04/13/2019	ND	1.94	97.0	2.00	1.81	
Ethylbenzene*	<0.050	0.050	04/13/2019	ND	2.01	100	2.00	0.468	
Total Xylenes*	<0.150	0.150	04/13/2019	ND	6.07	101	6.00	0.157	
Total BTEX	<0.300	0.300	04/13/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2019	ND	400	100	400	0.00	
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	04/12/2019	ND	204	102	200	0.864	
DRO >C10-C28*	<10.0	10.0	04/12/2019	ND	208	104	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	04/12/2019	ND					
Surrogate: 1-Chlorooctane	81.0	% 41-142)						
Surrogate: 1-Chlorooctadecane	84.8	% 37.6-14	7						

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Celeg D. Kreene



Analytical Results For:

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

Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/12/2019 Sampling Date: 04/10/2019

Reported: 04/16/2019 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - MALAGA, NM

ma/ka

Sample ID: SP 1 @ 3' (H901352-02)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2019	ND	2.04	102	2.00	0.584	
Toluene*	<0.050	0.050	04/13/2019	ND	1.94	97.0	2.00	1.81	
Ethylbenzene*	<0.050	0.050	04/13/2019	ND	2.01	100	2.00	0.468	
Total Xylenes*	<0.150	0.150	04/13/2019	ND	6.07	101	6.00	0.157	
Total BTEX	<0.300	0.300	04/13/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/16/2019	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/12/2019	ND	204	102	200	0.864	
DRO >C10-C28*	<10.0	10.0	04/12/2019	ND	208	104	200	2.17	
EXT DRO >C28-C36	<10.0	10.0	04/12/2019	ND					
Surrogate: 1-Chlorooctane	83.3	% 41-142							
Surrogate: 1-Chlorooctadecane	87.2	% 37.6-14	7						

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Celeg D. Freene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/12/2019 Sampling Date: 04/10/2019

Reported: 04/16/2019 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - MALAGA, NM

ma/ka

Sample ID: SP 2 @ 2' (H901352-03)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2019	ND	2.04	102	2.00	0.584	
Toluene*	<0.050	0.050	04/13/2019	ND	1.94	97.0	2.00	1.81	
Ethylbenzene*	<0.050	0.050	04/13/2019	ND	2.01	100	2.00	0.468	
Total Xylenes*	<0.150	0.150	04/13/2019	ND	6.07	101	6.00	0.157	
Total BTEX	<0.300	0.300	04/13/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.6	% 73.3-12	9						
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	04/16/2019	ND	400	100	400	0.00	
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	04/13/2019	ND	194	97.0	200	4.04	
DRO >C10-C28*	<10.0	10.0	04/13/2019	ND	190	95.0	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	04/13/2019	ND					
Surrogate: 1-Chlorooctane	93.5	% 41-142							
Surrogate: 1-Chlorooctadecane	94.6	% 37.6-14	7						

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Celey D. Keene



Analytical Results For:

BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/12/2019 Sampling Date: 04/10/2019

Reported: 04/16/2019 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - MALAGA, NM

ma/ka

Sample ID: SP 2 @ 3' (H901352-04)

RTFY 8021R

			a By: ms					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	04/13/2019	ND	2.04	102	2.00	0.584	
<0.050	0.050	04/13/2019	ND	1.94	97.0	2.00	1.81	
<0.050	0.050	04/13/2019	ND	2.01	100	2.00	0.468	
<0.150	0.150	04/13/2019	ND	6.07	101	6.00	0.157	
<0.300	0.300	04/13/2019	ND					
93.3	% 73.3-12	9						
mg,	/kg	Analyze	d By: AC					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	04/16/2019	ND	400	100	400	0.00	
mg,	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	04/13/2019	ND	194	97.0	200	4.04	
<10.0	10.0	04/13/2019	ND	190	95.0	200	4.16	
<10.0	10.0	04/13/2019	ND					
93.1	% 41-142							
	mg, Result <16.0 mg, Result <10.0 <10.0	mg/kg Result Reporting Limit <16.0	mg/kg Analyzed Result Reporting Limit Analyzed <16.0	mg/kg Analyzed By: AC Result Result Reporting Limit Analyzed Method Blank <16.0 16.0 04/16/2019 ND	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS <16.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery <16.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <16.0	mg/kg Analyzed By: AC Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <16.0

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 04/12/2019 Sampling Date: 04/10/2019

Reported: 04/16/2019 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - MALAGA, NM

ma/ka

Sample ID: SP 3 @ 2' (H901352-05)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2019	ND	2.04	102	2.00	0.584	
Toluene*	<0.050	0.050	04/13/2019	ND	1.94	97.0	2.00	1.81	
Ethylbenzene*	<0.050	0.050	04/13/2019	ND	2.01	100	2.00	0.468	
Total Xylenes*	<0.150	0.150	04/13/2019	ND	6.07	101	6.00	0.157	
Total BTEX	<0.300	0.300	04/13/2019	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.0	% 73.3-12	9						
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	04/16/2019	ND	400	100	400	0.00	
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	04/13/2019	ND	194	97.0	200	4.04	
DRO >C10-C28*	<10.0	10.0	04/13/2019	ND	190	95.0	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	04/13/2019	ND					
Surrogate: 1-Chlorooctane	91.5	% 41-142	•						
Surrogate: 1-Chlorooctadecane	93.1	% 37.6-14	7						

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Analytical Results For:

BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/12/2019 Sampling Date: 04/10/2019

Reported: 04/16/2019 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Analyzed By: me

Project Location: OXY - MALAGA, NM

ma/ka

Sample ID: SP 3 @ 3' (H901352-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	ea By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/13/2019	ND	2.04	102	2.00	0.584	
Toluene*	<0.050	0.050	04/13/2019	ND	1.94	97.0	2.00	1.81	
Ethylbenzene*	<0.050	0.050	04/13/2019	ND	2.01	100	2.00	0.468	
Total Xylenes*	<0.150	0.150	04/13/2019	ND	6.07	101	6.00	0.157	
Total BTEX	<0.300	0.300	04/13/2019	ND					
Surrogate: 4-Bromofluorobenzene (P	ID 95.0	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2019	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/13/2019	ND	194	97.0	200	4.04	
DRO >C10-C28*	<10.0	10.0	04/13/2019	ND	190	95.0	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	04/13/2019	ND					
Surrogate: 1-Chlorooctane	81.8	% 41-142	?						
Surrogate: 1-Chlorooctadecane	82.4	% 37.6-14	7						
0									

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Celeg D. Keine



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. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.		BILL TO	ANALYSIS REQUEST	
Project Manager: Cliff Brunson		P.O. #:		
Address: P.O. Box 805		Company:		
City: Hobbs State: NM	Zip: 88241	Attn: UXY		
Phone #: 575-397-6388 Fax #: 57	575-397-0397	Address:		
Project #: Project Owner:	er: OXV	City:	,	
Project Name: Liverbend 13-11 (7)	3-10-30-18-	State: Zip:	tree X	
Project Location: My /2 97 MM		Phone #:	×/	
Sampler Name:		Fax #:	£,/	
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING		
-8	RS TER		B	
Lab I.D. Sample I.D.		HER : D/BASE: / COOL HER :	7	
H901352	GRO WA: SOI OIL	ACI ICE	TIME	
29/65		. 2/2	12 1 X X 1 66/	
w.	?		18 イメイ	
3 50202	· ·	4	155 744	
4 / 3		•	769 + + +	
20805	-	•	219 ++ 1	
6	?		233 x x r	
PLEASE NOTE: Liability and damages: Cardinal's liability and client's exclusive remedy for any claim proclam proclam program of the liability and client's exclusive remedy for any claim proclam proclam and the liability and client's exclusive remedy for any claim proclam.	Table 1 and the thread in contract	or fact chall be limited to be constant and		
analyses. All claims including those for regigence and any other cause whatspower shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits notured by clerk, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, legandless of whether such claims is based upon any of the above stated reasons or otherwise.	be deemed waived unless made in writing and ing without limitation, business interruptions, y Cardinal, regardless of whether such claim in	d received by Cardinal within 30 days after loss of use, or loss of profits incurred by consistency of the above stated reason to the above stated reasons the stated	r completion of the applicable librar, its properties of the specific properties and the specific properties of the specific prop	
Relinquished By:	Aeceived By:		ult: ☐ Yes ☐ No	
What wore is Time:				
Relinquished By: Day 17	Received By:			
Delivered By: (Circle One)	Sample Condition	on CHECKED BY:		
Sampler - UPS - Bus - Other:	C AND GYES G	(Initials)		
	100			



November 26, 2018

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RIVERBEND B-11 CTB

Enclosed are the results of analyses for samples received by the laboratory on 11/19/18 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: 11/26/2018 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: Jodi Henson (10/30/18)

A .. . l. d D. .. MC

Project Location: OXY - EDDY CO NM

Sample ID: SP 1 @ SURFACE (H803381-01)

DTEV 0021D

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2018	ND	2.01	101	2.00	1.81	
Toluene*	0.837	0.050	11/21/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	1.03	0.050	11/21/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	4.73	0.150	11/21/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	6.60	0.300	11/21/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	119	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8800	16.0	11/21/2018	ND	432	108	400	0.00	
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*	153	50.0	11/21/2018	ND	213	106	200	4.97	
DRO >C10-C28*	9830	50.0	11/21/2018	ND	224	112	200	7.96	
EXT DRO >C28-C36	2180	50.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	103	% 41-142	?						
Surrogate: 1-Chlorooctadecane	381	% 37.6-14	7						

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Celeg D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: 11/26/2018 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: OXY - EDDY CO NM

ma/ka

Sample ID: SP 1 @ 1' (H803381-02)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2018	ND	2.01	101	2.00	1.81	
Toluene*	<0.050	0.050	11/21/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	0.081	0.050	11/21/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	0.382	0.150	11/21/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	0.463	0.300	11/21/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/21/2018	ND	432	108	400	0.00	
TPH 8015M	mg,	mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2018	ND	213	106	200	4.97	
DRO >C10-C28*	226	10.0	11/21/2018	ND	224	112	200	7.96	
EXT DRO >C28-C36	84.2	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	83.5	% 41-142							
Surrogate: 1-Chlorooctadecane	93.5	% 37.6-14	7						

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Celeg D. Freene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: Sampling Type: Soil 11/26/2018

Project Name: **RIVERBEND B-11 CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: (10/30/18)Jodi Henson

Project Location: OXY - EDDY CO NM

Sample ID: SP 2 @ SURFACE (H803381-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.052	0.050	11/21/2018	ND	2.01	101	2.00	1.81	
Toluene*	1.15	0.050	11/21/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	1.23	0.050	11/21/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	6.05	0.150	11/21/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	8.48	0.300	11/21/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	129 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10200	16.0	11/21/2018	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	179	50.0	11/21/2018	ND	213	106	200	4.97	
DRO >C10-C28*	9680	50.0	11/21/2018	ND	224	112	200	7.96	
EXT DRO >C28-C36	2130	50.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	114 %	% 41-142	?						
Surrogata: 1 Chlorocetadaeana	3870	V 37.6.14	7						

387 % Surrogate: 1-Chlorooctadecane 37.6-147

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: Sampling Type: Soil 11/26/2018

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: (10/30/18)Jodi Henson

OXY - EDDY CO NM Project Location:

Sample ID: SP 2 @ 1' (H803381-04)

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	11/21/2018	ND	2.01	101	2.00	1.81	
Toluene*	0.060	0.050	11/21/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	0.113	0.050	11/21/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	0.548	0.150	11/21/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	0.721	0.300	11/21/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/21/2018	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/21/2018	ND	213	106	200	4.97	
DRO >C10-C28*	211	10.0	11/21/2018	ND	224	112	200	7.96	
EXT DRO >C28-C36	75.4	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	85.4	% 41-142	1						
Surrogate: 1-Chlorooctadecane	94.7	% 37.6-14	7						

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: Sampling Type: Soil 11/26/2018

Project Name: **RIVERBEND B-11 CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: (10/30/18)Jodi Henson

Project Location: OXY - EDDY CO NM

Sample ID: SP 3 @ SURFACE (H803381-05)

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*	0.069	0.050	11/21/2018	ND	2.01	101	2.00	1.81	
Toluene*	1.23	0.050	11/21/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	1.30	0.050	11/21/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	6.36	0.150	11/21/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	8.96	0.300	11/21/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	133 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11800	16.0	11/21/2018	ND	400	100	400	0.00	QM-07
TPH 8015M	mg/	kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	152	50.0	11/21/2018	ND	213	106	200	4.97	
	0100	50.0	11/21/2018	ND	224	112	200	7.96	
DRO >C10-C28*	8180	30.0	, ,						

Surrogate: 1-Chlorooctadecane 357 % 37.6-147

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: 11/26/2018 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: OXY - EDDY CO NM

ma/ka

Sample ID: SP 3 @ 1' (H803381-06)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/21/2018	ND	2.01	101	2.00	1.81	
Toluene*	0.078	0.050	11/21/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	0.104	0.050	11/21/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	0.500	0.150	11/21/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	0.682	0.300	11/21/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/21/2018	ND	400	100	400	0.00	
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	11/21/2018	ND	213	106	200	4.97	
DRO >C10-C28*	249	10.0	11/21/2018	ND	224	112	200	7.96	
EXT DRO >C28-C36	90.1	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	83.9	% 41-142	•						
Surrogate: 1-Chlorooctadecane	94.5	% 37.6-14	7						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: 11/26/2018 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: OXY - EDDY CO NM

mg/kg

Sample ID: SP 4 @ SURFACE (H803381-07)

BTEX 8021B

		,		• •					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.226	0.050	11/21/2018	ND	2.01	101	2.00	1.81	
Toluene*	4.87	0.050	11/21/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	5.14	0.050	11/21/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	22.6	0.150	11/21/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	32.9	0.300	11/21/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/21/2018	ND	400	100	400	0.00	
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*	821	50.0	11/21/2018	ND	213	106	200	4.97	
DRO >C10-C28*	24900	50.0	11/21/2018	ND	224	112	200	7.96	
EXT DRO >C28-C36	4640	50.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	160	% 41-142	?						
Surrogate: 1-Chlorooctadecane	833	% 37.6-14	7						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: Sampling Type: Soil 11/26/2018

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Jodi Henson

OXY - EDDY CO NM Project Location:

Sample ID: SP 4 @ 1' (H803381-08)

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	11/22/2018	ND	2.01	101	2.00	1.81	
Toluene*	0.857	0.050	11/22/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	<0.050	0.050	11/22/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	6.57	0.150	11/22/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	7.43	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/21/2018	ND	400	100	400	0.00	
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*	100	10.0	11/21/2018	ND	213	106	200	4.97	
DRO >C10-C28*	1200	10.0	11/21/2018	ND	224	112	200	7.96	
EXT DRO >C28-C36	226	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	72.8	% 41-142	?						
Surrogate: 1-Chlorooctadecane	105	% 37.6-14	7						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: 11/26/2018 Sampling Type: Soil

OXY - EDDY CO NM

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Jodi Henson

Sample ID: SP 4 @ 2' (H803381-09)

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	11/22/2018	ND	2.01	101	2.00	1.81	
Toluene*	<0.050	0.050	11/22/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	<0.050	0.050	11/22/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	<0.150	0.150	11/22/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.1	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/21/2018	ND	400	100	400	0.00	
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	11/21/2018	ND	213	106	200	4.97	
DRO >C10-C28*	17.5	10.0	11/21/2018	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	82.1	% 41-142	?						
Surrogate: 1-Chlorooctadecane	86.0	% 37.6-14	7						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: 11/26/2018 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: OXY - EDDY CO NM

mg/kg

Sample ID: SP 5 @ SURFACE (H803381-10)

BTEX 8021B

DIEX COLLE	97	<u>a</u>	Analyzo	a 2,1113					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.283	0.050	11/22/2018	ND	2.01	101	2.00	1.81	
Toluene*	5.43	0.050	11/22/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	5.19	0.050	11/22/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	23.3	0.150	11/22/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	34.2	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/21/2018	ND	400	100	400	0.00	
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*	549	50.0	11/21/2018	ND	213	106	200	4.97	
DRO >C10-C28*	17000	50.0	11/21/2018	ND	224	112	200	7.96	
EXT DRO >C28-C36	3370	50.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	135 9	% 41-142	?						

Surrogate: 1-Chlorooctane 135 % 41-142 Surrogate: 1-Chlorooctadecane 594 % 37.6-147

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: Sampling Type: Soil 11/26/2018

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: (10/30/18)Jodi Henson

OXY - EDDY CO NM Project Location:

Sample ID: SP 5 @ 1' (H803381-11)

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*	<0.050	0.050	11/22/2018	ND	2.01	101	2.00	1.81	
Toluene*	0.352	0.050	11/22/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	<0.050	0.050	11/22/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	3.34	0.150	11/22/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	3.69	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	156 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/21/2018	ND	400	100	400	0.00	
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*	115	10.0	11/21/2018	ND	193	96.6	200	3.04	
DRO >C10-C28*	1770	10.0	11/21/2018	ND	192	95.9	200	4.07	QM-07, QR-03
EXT DRO >C28-C36	319	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	102 9	% 41-142							
Surrogate: 1-Chlorooctadecane	143 9	% 37.6-14	7						

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Celeg D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: 11/26/2018 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: OXY - EDDY CO NM

ma/ka

Sample ID: SP 5 @ 2' (H803381-12)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2018	ND	2.01	101	2.00	1.81	
Toluene*	<0.050	0.050	11/22/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	<0.050	0.050	11/22/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	<0.150	0.150	11/22/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.4	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/21/2018	ND	400	100	400	0.00	
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	11/21/2018	ND	193	96.6	200	3.04	
DRO >C10-C28*	28.7	10.0	11/21/2018	ND	192	95.9	200	4.07	
EXT DRO >C28-C36	11.2	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	85.9	% 41-142	•						
Surrogate: 1-Chlorooctadecane	87.0	% 37.6-14	7						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: Sampling Type: Soil 11/26/2018

Project Name: **RIVERBEND B-11 CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: (10/30/18)Jodi Henson

Project Location: OXY - EDDY CO NM

Sample ID: SP 6 @ SURFACE (H803381-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.285	0.050	11/22/2018	ND	2.01	101	2.00	1.81	
Toluene*	5.72	0.050	11/22/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	5.51	0.050	11/22/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	24.6	0.150	11/22/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	36.1	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	91.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/21/2018	ND	400	100	400	0.00	
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*	591	50.0	11/21/2018	ND	193	96.6	200	3.04	
DRO >C10-C28*	18600	50.0	11/21/2018	ND	192	95.9	200	4.07	
EXT DRO >C28-C36	3550	50.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	142 %	% 41-142	?						
Surrogata: 1 Chlorocetadaeana	661.0	× 37614	7						

661 % Surrogate: 1-Chlorooctadecane 37.6-147

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: Sampling Type: Soil 11/26/2018

Project Name: **RIVERBEND B-11 CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: (10/30/18)Jodi Henson

OXY - EDDY CO NM Project Location:

Sample ID: SP 6 @ 1' (H803381-14)

BTEX 8021B	mg/kg		Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/22/2018	ND	2.01	101	2.00	1.81	
Toluene*	0.399	0.050	11/22/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	<0.050	0.050	11/22/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	3.45	0.150	11/22/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	3.85	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	162 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/21/2018	ND	400	100	400	0.00	
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*	117	10.0	11/21/2018	ND	193	96.6	200	3.04	
	2120	10.0	11/21/2018	ND	192	95.9	200	4.07	
DRO >C10-C28*									

Surrogate: 1-Chlorooctadecane 157 % 37.6-147

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: Sampling Type: Soil 11/26/2018

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: (10/30/18)Jodi Henson

OXY - EDDY CO NM Project Location:

Sample ID: SP 6 @ 2' (H803381-15)

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	11/22/2018	ND	2.01	101	2.00	1.81	
Toluene*	<0.050	0.050	11/22/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	<0.050	0.050	11/22/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	<0.150	0.150	11/22/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	11/21/2018	ND	400	100	400	0.00	
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	11/21/2018	ND	193	96.6	200	3.04	
DRO >C10-C28*	27.1	10.0	11/21/2018	ND	192	95.9	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	94.9	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	106 9	37.6-14	7						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: Sampling Type: Soil 11/26/2018

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Jodi Henson

OXY - EDDY CO NM Project Location:

Sample ID: NORTH @ SURFACE (H803381-16)

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	11/22/2018	ND	2.01	101	2.00	1.81	
Toluene*	<0.050	0.050	11/22/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	<0.050	0.050	11/22/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	<0.150	0.150	11/22/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.8	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/21/2018	ND	400	100	400	0.00	
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	11/21/2018	ND	193	96.6	200	3.04	
DRO >C10-C28*	<10.0	10.0	11/21/2018	ND	192	95.9	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	81.9	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	88.3	% 37.6-14	7						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: 11/26/2018 Sampling Type: Soil

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Jodi Henson

Sample ID: EAST @ SURFACE (H803381-17)

Project Location:

OXY - EDDY CO NM

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	11/22/2018	ND	2.01	101	2.00	1.81	
Toluene*	<0.050	0.050	11/22/2018	ND	1.98	99.0	2.00	3.56	
Ethylbenzene*	<0.050	0.050	11/22/2018	ND	1.93	96.3	2.00	3.07	
Total Xylenes*	<0.150	0.150	11/22/2018	ND	5.67	94.4	6.00	2.44	
Total BTEX	<0.300	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/21/2018	ND	400	100	400	0.00	
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	11/21/2018	ND	193	96.6	200	3.04	
DRO >C10-C28*	<10.0	10.0	11/21/2018	ND	192	95.9	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	78.2	% 41-142	?						
Surrogate: 1-Chlorooctadecane	83.1	% 37.6-14	7						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: Sampling Type: Soil 11/26/2018

Project Name: RIVERBEND B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Jodi Henson

OXY - EDDY CO NM Project Location:

Sample ID: SOUTH @ SURFACE (H803381-18)

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	11/22/2018	ND	2.20	110	2.00	2.51	
Toluene*	<0.050	0.050	11/22/2018	ND	2.19	110	2.00	3.05	
Ethylbenzene*	< 0.050	0.050	11/22/2018	ND	2.11	106	2.00	3.51	
Total Xylenes*	<0.150	0.150	11/22/2018	ND	6.29	105	6.00	3.35	
Total BTEX	<0.300	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/21/2018	ND	400	100	400	0.00	
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	11/21/2018	ND	193	96.6	200	3.04	
DRO >C10-C28*	<10.0	10.0	11/21/2018	ND	192	95.9	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	85.3	% 41-142	ı						
Surrogate: 1-Chlorooctadecane	90.3	% 37.6-14	7						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 11/19/2018 Sampling Date: 11/16/2018

Reported: Sampling Type: Soil 11/26/2018

Project Name: **RIVERBEND B-11 CTB** Sampling Condition: Cool & Intact Sample Received By: Project Number: (10/30/18)Jodi Henson

OXY - EDDY CO NM Project Location:

Sample ID: WEST @ SURFACE (H803381-19)

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	11/22/2018	ND	2.20	110	2.00	2.51	
Toluene*	<0.050	0.050	11/22/2018	ND	2.19	110	2.00	3.05	
Ethylbenzene*	<0.050	0.050	11/22/2018	ND	2.11	106	2.00	3.51	
Total Xylenes*	<0.150	0.150	11/22/2018	ND	6.29	105	6.00	3.35	
Total BTEX	<0.300	0.300	11/22/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/21/2018	ND	400	100	400	0.00	
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	11/21/2018	ND	193	96.6	200	3.04	
DRO >C10-C28*	<10.0	10.0	11/21/2018	ND	192	95.9	200	4.07	
EXT DRO >C28-C36	<10.0	10.0	11/21/2018	ND					
Surrogate: 1-Chlorooctane	94.5 9	% 41-142							
Surrogate: 1-Chlorooctadecane	101 %	% 37.6-14	7						

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Celey D. Keene

S-06



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Notes and Definitions

The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or

3-00	matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Freene

Relinquished By:

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Received By:

Phone Result: Fax Result: REMARKS:

□ Yes

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Add'l Phone #: Add'l Fax #:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST \082

Page 22 of 23

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

Company Ivanie.	bbc international, inc.								318				0		BILLIO	111			Þ	ANALYSIS	F	S	S		m	2	H	REQUEST	-1							
Project Manager:	: Cliff Brunson								7	P.O. #:	#	**				-				- 1	\dashv	- 1	-	- 1				\dashv	- 1	_	_]	7	- 1	\dashv		
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city: Hobbs	State: NM	Zip:		88241	4				7	Attn:	::			=	ことがら	(_								
Phone #: 575-397-6388	97-6388 Fax #: 575-397-0397	397	င္ပ	397					7	Address:	re	SS		0									_													
Project #:	Project Owner: Oxy	0 X	~						_	City:											-															
Project Name: F	Project Name: Riverbend B-11 CTB (10/30/18)								10	State:	6				Zip:								_													
Project Location:	: Eddy County, NM								77	Phone #:	ne	#																						_		
Sampler Name:	Roger Hernandez								-	Fax #:	#	0.0									-		_													
FOR LAB USE ONLY						MATRIX	코	×		Ц	PRESERV	ES	띴	<	SAMPLING	Ц		,					_					_						_		
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PLEASE NOTE: Liability an analyses. All claims includir service. In no event shall C:	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim aising whether based in contract or lot, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsever shall be deemed waived unless made in writing and received by Cardinal be liable for including those for negligence and any other cause whatsever shall be deemed waived unless made in writing and received by Cardinal be liable for including the cause whatsever shall be deemed waived unless made in writing and received by Cardinal be liable for includental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries,	y claim semed without	arisin waive	g who	ss m	ade i	d in c	ing a	ind r	ceiv	shall ed b	y Ca or lo	rdina SS o	ed to	o the amount paid by the cli thin 30 days after completion of the incurred by client, its su	ent for the on of the appli absidiaries,	cable																			
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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

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Relinquished By:

Page 23 of 23

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.			- 1							0		BILL TO					AI	ANALYSIS	SISA		REQUEST	JES	Ä						
Project Manager:							350	۵.	P.O. #:	#							_	_							-					
Address: P.O. I	P.O. Box 805							O	m	Company:	Y.	0	Xe.																	
city: Hobbs	State: NM Z	Zip:	88	88241	75-A			Þ	Attn:		5	-	いまかつ	?	-										_					_
Phone #: 575-397-6388	97-6388 Fax #: 575-397-0397	97-(236	7				➤	ddr	Address:																				
Project #:	Project Owner: Oxy	X						C	City:																					
Project Name: R	Project Name: Riverbend B-11 CTB (10/30/18)							S	State:			N	Zip:																	_
Project Location:	Eddy County, NM							ס	non	Phone #:	• • • • • • • • • • • • • • • • • • • •																			
Sampler Name:	Roger Hernandez							m	Fax #	.rr																				
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Lab I.D.	Sample I.D.	(G)RAB OR # CONTAIN	GROUNDW	WASTEWA	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE	ICE / COOL	OTHER:	OTTLETT.	DATE	TIME	BT6X	CI	TPH													
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PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Ca	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by claims. Its substances of the consequents are consequently and the consequents of the consequents of the consequents of the consequents.	claim a med w thout lir	rising aived nitatio	whell unless n, bus	er bas made iness	ed in intern	contra	act or and re	of us	hall be	limite ardina oss o	d to I	the amount paid being 30 days after of the incurred by clie	by the client for the completion of the completi	ne applicable es,															
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	1												7 7	Fax Result: REMARKS:		□ Yes	□ No		Add'l Fax #:	ax #:										_
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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

Sampler - UPS - Bus - Other: 1,50

497

Sample Condition
Cool Intact
Yes Yes
No No

Delivered By: (Circle One)

TITE: 00





March 22, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RIVERBEND FEDERAL B-11 CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/19/21 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/19/2021 Sampling Date: 03/19/2021

Reported: 03/22/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Applymed By MC

Project Location: OXY - MALAGA, NM

ma/ka

Sample ID: BS 15 (H210713-01)

DTEV 0021D

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	03/20/2021	ND	2.14	107	2.00	3.69	
Toluene*	<0.050	0.050	03/20/2021	ND	2.07	103	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/20/2021	ND	2.01	101	2.00	4.14	
Total Xylenes*	<0.150	0.150	03/20/2021	ND	5.95	99.1	6.00	4.13	
Total BTEX	<0.300	0.300	03/20/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/22/2021	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	03/20/2021	ND	195	97.4	200	6.79	
DRO >C10-C28*	<10.0	10.0	03/20/2021	ND	201	100	200	7.56	
EXT DRO >C28-C36	<10.0	10.0	03/20/2021	ND					
Surrogate: 1-Chlorooctane	91.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	87.8	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/19/2021 Sampling Date: 03/19/2021

Reported: 03/22/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 16 (H210713-02)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2021	ND	2.14	107	2.00	3.69	
Toluene*	<0.050	0.050	03/20/2021	ND	2.07	103	2.00	4.05	
Ethylbenzene*	< 0.050	0.050	03/20/2021	ND	2.01	101	2.00	4.14	
Total Xylenes*	<0.150	0.150	03/20/2021	ND	5.95	99.1	6.00	4.13	
Total BTEX	<0.300	0.300	03/20/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/22/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2021	ND	195	97.4	200	6.79	
DRO >C10-C28*	<10.0	10.0	03/20/2021	ND	201	100	200	7.56	
EXT DRO >C28-C36	<10.0	10.0	03/20/2021	ND					
Surrogate: 1-Chlorooctane	84.4	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	81.7	% 42.2-15	6						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/19/2021 Sampling Date: 03/19/2021

Reported: 03/22/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 25 (H210713-03)

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	03/20/2021	ND	2.14	107	2.00	3.69	
Toluene*	<0.050	0.050	03/20/2021	ND	2.07	103	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/20/2021	ND	2.01	101	2.00	4.14	
Total Xylenes*	<0.150	0.150	03/20/2021	ND	5.95	99.1	6.00	4.13	
Total BTEX	<0.300	0.300	03/20/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/22/2021	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	03/20/2021	ND	195	97.4	200	6.79	
DRO >C10-C28*	<10.0	10.0	03/20/2021	ND	201	100	200	7.56	
EXT DRO >C28-C36	<10.0	10.0	03/20/2021	ND					
Surrogate: 1-Chlorooctane	94.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	90.3	% 42.2-15	6						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/19/2021 Sampling Date: 03/19/2021

Reported: 03/22/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 26 (H210713-04)

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	03/20/2021	ND	2.14	107	2.00	3.69	
Toluene*	<0.050	0.050	03/20/2021	ND	2.07	103	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/20/2021	ND	2.01	101	2.00	4.14	
Total Xylenes*	<0.150	0.150	03/20/2021	ND	5.95	99.1	6.00	4.13	
Total BTEX	<0.300	0.300	03/20/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/22/2021	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	03/20/2021	ND	195	97.4	200	6.79	
DRO >C10-C28*	<10.0	10.0	03/20/2021	ND	201	100	200	7.56	
EXT DRO >C28-C36	<10.0	10.0	03/20/2021	ND					
Surrogate: 1-Chlorooctane	87.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	85.0	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/19/2021 Sampling Date: 03/19/2021

Reported: 03/22/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: OXY - MALAGA, NM

ma/ka

Sample ID: BS 37 (H210713-05)

RTFY 8021R

Result <0.050 <0.050 <0.050	Reporting Limit 0.050 0.050	Analyzed 03/20/2021	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050		03/20/2021	ND					Quac.
	0.050		ND	2.14	107	2.00	3.69	
<0.050	0.050	03/20/2021	ND	2.07	103	2.00	4.05	
~0.030	0.050	03/20/2021	ND	2.01	101	2.00	4.14	
<0.150	0.150	03/20/2021	ND	5.95	99.1	6.00	4.13	
<0.300	0.300	03/20/2021	ND					
101	% 73.3-12	9						
mg,	'kg	Analyze	d By: GM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<16.0	16.0	03/22/2021	ND	400	100	400	3.92	
mg,	'kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	03/20/2021	ND	195	97.4	200	6.79	
<10.0	10.0	03/20/2021	ND	201	100	200	7.56	
<10.0	10.0	03/20/2021	ND					
85.4	% 44.3-14	4						
81.7	% 42.2-15	6						
	<0.150 <0.300 1015 mg/ Result <16.0 mg/ Result <10.0 <10.0 <85.4	<0.150 0.150 <0.300 0.300 101	<0.150	<0.150 0.150 03/20/2021 ND 101 % 73.3-129 Tanalyzed By: GM Result Reporting Limit Analyzed By: MS Analyzed By: MS Result Reporting Limit Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	<0.150	<0.150 0.150 03/20/2021 ND 5.95 99.1 <0.300 0.300 03/20/2021 ND 5.95 99.1 101 % 73.3-129 mg/ky Analyzed By: GM Result Reporting Limit Analyzed By: MS % Recovery <16.0	<0.150	<0.150

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/19/2021 Sampling Date: 03/19/2021

Reported: 03/22/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 38 (H210713-06)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2021	ND	2.14	107	2.00	3.69	
Toluene*	<0.050	0.050	03/20/2021	ND	2.07	103	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/20/2021	ND	2.01	101	2.00	4.14	
Total Xylenes*	<0.150	0.150	03/20/2021	ND	5.95	99.1	6.00	4.13	
Total BTEX	<0.300	0.300	03/20/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/22/2021	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2021	ND	195	97.4	200	6.79	
DRO >C10-C28*	<10.0	10.0	03/20/2021	ND	201	100	200	7.56	
EXT DRO >C28-C36	<10.0	10.0	03/20/2021	ND					
Surrogate: 1-Chlorooctane	86.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	83.3	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/19/2021 Sampling Date: 03/19/2021

Reported: 03/22/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: SW 2 (H210713-07)

Benzene* <0.050 0.050 0.3/20/2021 ND 2.14 107 2.00 3	BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Toluene* <0.050 0.050 03/20/2021 ND 2.07 103 2.00 4 Ethylbenzene* <0.050 0.050 03/20/2021 ND 2.01 101 2.00 4 Total Xylenes* <0.150 0.150 03/20/2021 ND 5.95 99.1 6.00 4 Total BTEX <0.300 0.300 03/20/2021 ND Surrogate: 4-Bromofluorobenzene (PIL) 101 % 73.3-129 Chloride, SM4500Cl-B mg/kg Analyzed By: GM Chloride	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* < 0.050	Benzene*	<0.050	0.050	03/20/2021	ND	2.14	107	2.00	3.69	
Total Xylenes* <0.150	Toluene*	<0.050	0.050	03/20/2021	ND	2.07	103	2.00	4.05	
Total BTEX	Ethylbenzene*	<0.050	0.050	03/20/2021	ND	2.01	101	2.00	4.14	
Surrogate: 4-Bromofluorobenzene (PID 101 % 73.3-129 Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC R Chloride <16.0 16.0 03/22/2021 ND 400 100 400 30	Total Xylenes*	<0.150	0.150	03/20/2021	ND	5.95	99.1	6.00	4.13	
Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC Recovery Analyzed By: MS Analyte Result Reporting Limit Reporting Limit Analyzed Method Blank BS Recovery True Value QC Recovery	Total BTEX	<0.300	0.300	03/20/2021	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC R Chloride <16.0 16.0 03/22/2021 ND 400 100 400 3 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC R GRO C6-C10* <10.0 10.0 03/20/2021 ND 195 97.4 200 6 DRO >C10-C28* <10.0 10.0 03/20/2021 ND 201 100 200 7 EXT DRO >C28-C36 <10.0 10.0 03/20/2021 ND Surrogate: 1-Chlorooctane 89.1 % 44.3-144	Surrogate: 4-Bromofluorobenzene (PII	101	% 73.3-12	?9						
Chloride <16.0 16.0 03/22/2021 ND 400 100 400 3 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed By: MS GRO C6-C10* <10.0 10.0 03/20/2021 ND 195 97.4 200 6 DRO >C10-C28* <10.0 10.0 03/20/2021 ND 201 100 200 7 EXT DRO >C28-C36 <10.0 10.0 03/20/2021 ND ND 201 100 200 7 Surrogate: 1-Chlorooctane 89.1 % 44.3-144	Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS Recovery True Value QC Recovery GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC R GRO C6-C10* <10.0 10.0 03/20/2021 ND 195 97.4 200 6 DRO >C10-C28* <10.0 10.0 03/20/2021 ND 201 100 200 7 EXT DRO >C28-C36 <10.0 10.0 03/20/2021 ND Surrogate: 1-Chlorooctane 89.1 % 44.3-144	Chloride	<16.0	16.0	03/22/2021	ND	400	100	400	3.92	
GRO C6-C10* <10.0 10.0 03/20/2021 ND 195 97.4 200 6 DRO >C10-C28* <10.0 10.0 03/20/2021 ND 201 100 200 7 EXT DRO >C28-C36 <10.0 10.0 03/20/2021 ND Surrogate: 1-Chlorooctane 89.1 % 44.3-144	TPH 8015M	mg	/kg	Analyze	ed By: MS					
DRO >C10-C28* < 10.0 10.0 03/20/2021 ND 201 100 200 7 EXT DRO >C28-C36 <10.0 10.0 03/20/2021 ND Surrogate: 1-Chlorooctane 89.1 % 44.3-144	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 03/20/2021 ND Surrogate: 1-Chlorooctane 89.1 % 44.3-144	GRO C6-C10*	<10.0	10.0	03/20/2021	ND	195	97.4	200	6.79	
Surrogate: 1-Chlorooctane 89.1 % 44.3-144	DRO >C10-C28*	<10.0	10.0	03/20/2021	ND	201	100	200	7.56	
	EXT DRO >C28-C36	<10.0	10.0	03/20/2021	ND					
Surrogate: 1-Chlorooctadecane 85.5 % 42.2-156	Surrogate: 1-Chlorooctane	89.1	% 44.3-14	14						
2000 / 122 200	Surrogate: 1-Chlorooctadecane	85.5	% 42.2-15	56						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/19/2021 Sampling Date: 03/19/2021

Reported: 03/22/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: SW 3 (H210713-08)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2021	ND	2.14	107	2.00	3.69	
Toluene*	<0.050	0.050	03/20/2021	ND	2.07	103	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/20/2021	ND	2.01	101	2.00	4.14	
Total Xylenes*	<0.150	0.150	03/20/2021	ND	5.95	99.1	6.00	4.13	
Total BTEX	<0.300	0.300	03/20/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/22/2021	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/20/2021	ND	195	97.4	200	6.79	
DRO >C10-C28*	<10.0	10.0	03/20/2021	ND	201	100	200	7.56	
EXT DRO >C28-C36	<10.0	10.0	03/20/2021	ND					
Surrogate: 1-Chlorooctane	86.7	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	84.2	% 42.2-15	6						

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Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

QM-07

** 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

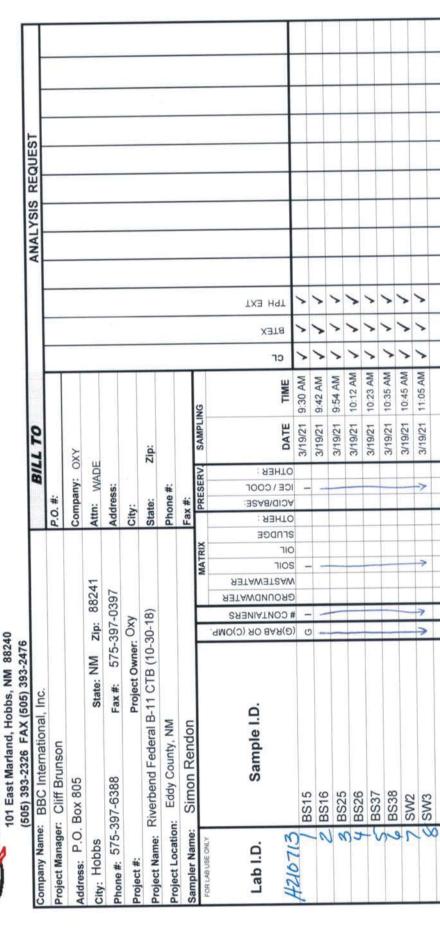
Samples reported on an as received basis (wet) unless otherwise noted on report

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



□ Yes Phone Result: In no event shall C

Add'I Phone #: Add'I Fax #:

° N

Fax Result: REMARKS:

Relinquished By:

Time:

Date: | 9-5| | Received By:

Time: | Time: | Sample Condition | CHECKED BY:

Cool Intact | Clircle One | Cool Intact | Cool Intact

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

ARDINAL LABORATORIES



March 18, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RIVERBEND FEDERAL B-11 CTB

Enclosed are the results of analyses for samples received by the laboratory on 03/15/21 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

4 .. . l. d D. .. MC

Project Location: OXY - MALAGA, NM

Sample ID: BS 1 (H210651-01)

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	03/16/2021	ND	2.05	102	2.00	3.89	
Toluene*	<0.050	0.050	03/16/2021	ND	1.98	99.1	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	1.96	97.8	2.00	4.26	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	5.81	96.9	6.00	3.81	
Total BTEX	<0.300	0.300	03/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg/	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	74.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	69.9	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: OXY - MALAGA, NM

ma/ka

Sample ID: BS 2 (H210651-02)

RTFY 8021R

BIEX 8021B	mg	/ Kg	Analyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/16/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	74.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	68.5	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 3 (H210651-03)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/16/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 5	73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2021	ND	416	104	400	0.00	
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	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	79.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	74.2	% 42.2-15	6						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Project Number: Tamara Oldaker (10/30/18)Sample Received By:

Project Location: OXY - MALAGA, NM

Sample ID: BS 4 (H210651-04)

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	03/16/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/16/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	80.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	74.8	% 42.2-15	6						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 5 (H210651-05)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/16/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/16/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/16/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/16/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	72.1	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	66.6	% 42.2-15	6						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 6 (H210651-06)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	76.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	71.9	% 42.2-15	6						

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 7 (H210651-07)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	28.4	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	78.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	74.7	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 8 (H210651-08)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	76.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	72.2	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 9 (H210651-09)

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	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
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	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	77.3	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	74.3	% 42.2-15	6						

71.5 70 12.2 150

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: (10/30/18)

Project Location: OXY - MALAGA, NM

Sample ID: BS 10 (H210651-10)

BTEX 8021B	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
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	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	79.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	76.2	% 42.2-15	6						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 11 (H210651-11)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	75.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	74.0	% 42.2-15	6						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 12 (H210651-12)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	79.7	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	74.9	% 42.2-15	6						

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 13 (H210651-13)

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	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
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	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	75.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	71.0	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: (10/30/18)Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 14 (H210651-14)

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	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
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	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	62.3	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	14.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	72.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	71.2	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 15 (H210651-15)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
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	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	106	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	29.9	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	80.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	81.7	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Tamara Oldaker Project Number: (10/30/18)Sample Received By:

Project Location: OXY - MALAGA, NM

Sample ID: BS 16 (H210651-16)

BTEX 8021B	mg/	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 5	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
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	03/17/2021	ND	212	106	200	7.43	
DRO >C10-C28*	193	10.0	03/17/2021	ND	223	111	200	5.34	
EXT DRO >C28-C36	65.3	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	76.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	78.8	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 17 (H210651-17)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	78.5	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	72.3	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 18 (H210651-18)

BTEX 8021B	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
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	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	12.8	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	73.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	69.7	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 19 (H210651-19)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	78.0	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	72.3	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 20 (H210651-20)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	< 0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	68.4	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	62.0	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 21 (H210651-21)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.22	111	2.00	0.484	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	0.581	
Ethylbenzene*	< 0.050	0.050	03/17/2021	ND	2.07	103	2.00	0.990	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.11	102	6.00	1.17	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	79.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	71.9	% 42.2-15	6						

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Celegy Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 22 (H210651-22)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	< 0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	76.9	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	68.1	% 42.2-15	6						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 23 (H210651-23)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	< 0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	76.7	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	70.9	% 42.2-15	6						

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 24 (H210651-24)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	16.7	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	75.5	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	69.7	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 25 (H210651-25)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	173	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	49.8	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	76.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	80.1	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/11/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 26 (H210651-26)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	220	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	57.7	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	77.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	77.8	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 27 (H210651-27)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	64.6	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	16.1	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	84.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	80.0	% 42.2-15	6						

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Celegy Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 28 (H210651-28)

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	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
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	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	79.3	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	17.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	80.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	79.6	% 42.2-15	6						

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Celeg D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 29 (H210651-29)

Benzene* < 0.050	BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Toluene* < 0.050	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* <0.050 0.050 03/17/2021 ND 2.06 103 2.00 1.4 Total Xylenes* <0.150 0.150 03/17/2021 ND 6.08 101 6.00 1.6 Total BTEX <0.300 0.300 03/17/2021 ND Surrogate: 4-Bromofluorobenzene (PID 101 % 73.3-129 Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPI Chloride <16.0 16.0 03/17/2021 ND 416 104 400 0.0 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPI GRO C6-C10* <10.0 10.0 03/16/2021 ND 208 104 200 7.8 DRO >C10-C28* <10.0 10.0 03/16/2021 ND 219 110 200 5.5 EXT DRO >C28-C36 <10.0 10.0 03/16/2021 ND Surrogate: 1-Chlorooctane 82.5 % 44.3-144	Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Total Xylenes* <0.150	Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Total BTEX	Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Surrogate: 4-Bromofluorobenzene (PID 101 % 73.3-129 Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Analyzed Method Blank BS Recovery ND 416 104 400 0.0 Chloride <16.0 16.0 03/17/2021 ND 416 104 400 0.0	Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Chloride, SM4500Cl-B mg/kg Analyzed By: GM Analyte Result Reporting Limit Reporting Limit Analyzed Method Blank BS Recovery True Value QC RPI ND A16 104 400 0.0 Chloride <16.0 16.0 03/17/2021 ND 416 104 400 0.0	Total BTEX	<0.300	0.300	03/17/2021	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPI Chloride <16.0 16.0 03/17/2021 ND 416 104 400 0.0 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPI GRO C6-C10* <10.0 10.0 03/16/2021 ND 208 104 200 7.8 DRO >C10-C28* <10.0 10.0 03/16/2021 ND 219 110 200 5.5 EXT DRO >C28-C36 <10.0 10.0 03/16/2021 ND Surrogate: 1-Chlorooctane 82.5 % 44.3-144	Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride <16.0 16.0 03/17/2021 ND 416 104 400 0.0 TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed By: MS GRO C6-C10* <10.0 10.0 03/16/2021 ND 208 104 200 7.8 DRO >C10-C28* <10.0 10.0 03/16/2021 ND 219 110 200 5.5 EXT DRO >C28-C36 <10.0 10.0 03/16/2021 ND ND ND Surrogate: 1-Chlorooctane	Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
TPH 8015M mg/kg Analyzed By: MS Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPI GRO C6-C10* <10.0	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPIC GRO C6-C10* <10.0 10.0 03/16/2021 ND 208 104 200 7.8 DRO >C10-C28* <10.0 10.0 03/16/2021 ND 219 110 200 5.5 EXT DRO >C28-C36 <10.0 10.0 03/16/2021 ND Surrogate: 1-Chlorooctane 82.5 % 44.3-144	Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
GRO C6-C10* < 10.0 10.0 03/16/2021 ND 208 104 200 7.8 DRO >C10-C28* <10.0 10.0 03/16/2021 ND 219 110 200 5.5 EXT DRO >C28-C36 <10.0 10.0 03/16/2021 ND Surrogate: 1-Chlorooctane 82.5 % 44.3-144	TPH 8015M	mg,	/kg	Analyze	ed By: MS					
DRO >C10-C28* < 10.0 10.0 03/16/2021 ND 219 110 200 5.5 EXT DRO >C28-C36 <10.0 10.0 03/16/2021 ND Surrogate: 1-Chlorooctane 82.5 % 44.3-144	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
EXT DRO >C28-C36 <10.0 10.0 03/16/2021 ND Surrogate: 1-Chlorooctane 82.5 % 44.3-144	GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
Surrogate: 1-Chlorooctane 82.5 % 44.3-144	DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	219	110	200	5.56	
	EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctadecane 77.5 % 42.2-156	Surrogate: 1-Chlorooctane	82.5	% 44.3-14	14						
	Surrogate: 1-Chlorooctadecane	77.5	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 30 (H210651-30)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	76.5	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	71.1	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 31 (H210651-31)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	< 0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	79.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	73.7	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 32 (H210651-32)

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	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	< 0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	6 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
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	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	81.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	75.0	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 33 (H210651-33)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	< 0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	<10.0	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	75.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	69.1	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 34 (H210651-34)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	20.2	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	74.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	70.4	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: OXY - MALAGA, NM

ma/ka

Sample ID: BS 35 (H210651-35)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	34.4	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	76.9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	75.5	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 36 (H210651-36)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	208	104	200	7.84	
DRO >C10-C28*	60.9	10.0	03/16/2021	ND	219	110	200	5.56	
EXT DRO >C28-C36	17.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	78.4	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	74.3	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 37 (H210651-37)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	214	107	200	8.08	
DRO >C10-C28*	111	10.0	03/16/2021	ND	213	107	200	5.14	
EXT DRO >C28-C36	24.9	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	73.6	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	78.5	% 42.2-15	6						

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Celegy Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 38 (H210651-38)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	214	107	200	8.08	
DRO >C10-C28*	134	10.0	03/16/2021	ND	213	107	200	5.14	
EXT DRO >C28-C36	31.3	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	77.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	88.9	% 42.2-15	6						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 39 (H210651-39)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	< 0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	214	107	200	8.08	
DRO >C10-C28*	71.7	10.0	03/16/2021	ND	213	107	200	5.14	
EXT DRO >C28-C36	10.4	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	81.2	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	87.4	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 40 (H210651-40)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	3.92	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2021	ND	214	107	200	8.08	
DRO >C10-C28*	44.5	10.0	03/16/2021	ND	213	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	03/16/2021	ND					
Surrogate: 1-Chlorooctane	79.5	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	82.7	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: BS 41 (H210651-41)

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	03/17/2021	ND	2.21	111	2.00	1.31	
Toluene*	<0.050	0.050	03/17/2021	ND	2.12	106	2.00	1.38	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.06	103	2.00	1.41	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	6.08	101	6.00	1.64	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	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	03/17/2021	ND	214	107	200	8.08	
DRO >C10-C28*	61.2	10.0	03/17/2021	ND	213	107	200	5.14	
EXT DRO >C28-C36	11.3	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	78.7	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	81.1	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Project Number: (10/30/18)Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: SW 1 (H210651-42)

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	03/17/2021	ND	2.13	107	2.00	1.66	
Toluene*	<0.050	0.050	03/17/2021	ND	2.05	103	2.00	1.82	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	5.97	99.6	6.00	1.47	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101 9	% 73.3-12	9						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	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	03/17/2021	ND	214	107	200	8.08	
DRO >C10-C28*	51.1	10.0	03/17/2021	ND	213	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	70.8	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	72.0	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: SW 2 (H210651-43)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.13	107	2.00	1.66	
Toluene*	<0.050	0.050	03/17/2021	ND	2.05	103	2.00	1.82	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	5.97	99.6	6.00	1.47	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	214	107	200	8.08	
DRO >C10-C28*	101	10.0	03/17/2021	ND	213	107	200	5.14	
EXT DRO >C28-C36	17.9	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	74.7	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	81.6	% 42.2-15	6						

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Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: SW 3 (H210651-44)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.13	107	2.00	1.66	
Toluene*	<0.050	0.050	03/17/2021	ND	2.05	103	2.00	1.82	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.02	101	2.00	1.45	
Total Xylenes*	< 0.150	0.150	03/17/2021	ND	5.97	99.6	6.00	1.47	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	3.92	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	214	107	200	8.08	
DRO >C10-C28*	109	10.0	03/17/2021	ND	213	107	200	5.14	
EXT DRO >C28-C36	22.3	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	76.1	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	83.8	% 42.2-15	6						

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Celey D. Keene



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact Tamara Oldaker Project Number: (10/30/18)Sample Received By:

Project Location: OXY - MALAGA, NM

Sample ID: SW 4 (H210651-45)

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	03/17/2021	ND	2.13	107	2.00	1.66	
Toluene*	<0.050	0.050	03/17/2021	ND	2.05	103	2.00	1.82	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	5.97	99.6	6.00	1.47	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	3.92	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/17/2021	ND	214	107	200	8.08	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	213	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	75.3 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	76.9	% 42.2-15	6						

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 03/15/2021 Sampling Date: 03/12/2021

Reported: 03/18/2021 Sampling Type: Soil

Project Name: RIVERBEND FEDERAL B-11 CTB Sampling Condition: Cool & Intact
Project Number: (10/30/18) Sample Received By: Tamara Oldaker

Project Location: OXY - MALAGA, NM

Sample ID: SW 5 (H210651-46)

BTEX 8021B	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2021	ND	2.13	107	2.00	1.66	
Toluene*	<0.050	0.050	03/17/2021	ND	2.05	103	2.00	1.82	
Ethylbenzene*	<0.050	0.050	03/17/2021	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	03/17/2021	ND	5.97	99.6	6.00	1.47	
Total BTEX	<0.300	0.300	03/17/2021	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 73.3-12	9						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	03/17/2021	ND	416	104	400	3.92	
H 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	03/17/2021	ND	214	107	200	8.08	
DRO >C10-C28*	<10.0	10.0	03/17/2021	ND	213	107	200	5.14	
EXT DRO >C28-C36	<10.0	10.0	03/17/2021	ND					
Surrogate: 1-Chlorooctane	79.1	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	79.1	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

*** Insufficient time to reach temperature.

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

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

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Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager

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Company Name:	ne: BBC International, Inc.	, Inc.		BILL TO					
Project Manaç	Project Manager: Cliff Brunson		P.O. #:						מוארוטוט אבעטבטו
Address: P.(P.O. Box 805		Company:	OXY					
city: Hobbs		State: NM Zip: 88241	Attn:						
Phone #: 575-397-6388		ပှာ	CO	ř					
Project #:)	Project Owner: Oxy	City:						
Project Name:	Liverbend F	Federal B-11 CTB(10-30-18)	$\underline{}$	Zin:					
Project Location:	on: Eddy Country, NIX	NK	Phone #:						
Sampler Name:			Fay #						
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		ERS ATER	MAIRIX	V. SAMPLING	6				2
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w	BS3				9:55 AM	١.	١.		
4	BS4			-	10:10 AM	١.	١.		
S	BS5			-	10:21 AM	۲.	۷.	٠,	
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(505) 393-232	(505) 393-2326 FAX (505) 393-2476		BILL TO	70	П	$\ \ $	A	ANALYSIS REQUEST
Company Name: BBC Inter	BBC International, inc.		P.O. #:					
Project Manager: Cliff Brunson	son					_		
Address: P.O. Box 805			Company: OXY		_			
City: Hobbs	State: NM	Zip: 88241	Attn: WADE		_			
Bhone #: 575-397-6388	Fax #: 575	575-397-0397	Address:		_			
HOILE #. V. V	ō		City:		_			
Project #:	remotioned todayal B-11 CTB (10-30-18)		State: Zip:					
Project Name: (VOIL)	The work of the		Phone #:					
Project Location: Edal County 1 N.M.	VIN PRIMIO		Tav #:					
Sampler Name: Simon Rendon	Rendon	L	DRESERV S	SAMPLING				
┑		MAIKIX						
	Sample I.D.	G)RAB OR (C)OMP CONTAINERS GROUNDWATER WASTEWATER GOIL DIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	CL	BTEX	TPH EXT	
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service. In no event shall Cardinal be liable for incidental or	ncidental or consequental damages, include the performance of services hereunder be	ertal damages, including without limitation, business interrupcions, loss or use, on loss of the above stated reasons or otherwise, services hereunder by Cardinal, regardless of whether such claim js-based upon any of the above stated reasons or otherwise. Phone Result	n spased upon any of the above	ve stated reasons or otherwise Phone Result:	esult:		0	Add'l Phone #:
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Page 50 of 53

Company Name: BBC International, Inc. Project Manager: Cliff Brunson P.O. Box 805	P.O. #: Company:	BILL TO				
Address: P.O. Box 805 State: NM	Zip: 88241 Attn:	WADE				
5-397-6388	575-397-0397 Address:	ss:		_		
	Project Owner: Oxy			_		
Dundhoud B	B(10-50-18) State:	Zip:				
Project Name: CANA ON WHAN ALL	Phone #:	e #:				
Project Location: COULD CO WAS NO	Fax #:			_		_
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Lab I.D. Sample I.D.	S)RAB OR (C)OMP. CONTAINERS ROUNDWATER VASTEWATER OIL OIL OIL OTHER: CID/BASE:	DATE	CL	BTEX TPH EXT		
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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive and related those for negligence and any other cause whatso	ever ever	ed by Cardinal within 30 days after completion of the a use, or loss of profits incurred by client, its subsidiaries	completion of the appli ent, its subsidiaries,	cable		
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(Circle One)	Sample	CHECKED BY				
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Sample I.D. BS31 BS32 BS33 BS34 BS36	TOT East Mariant, (505) 393-2326 FAX (505) 393 Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: Project Name: ALVEL DEVID FEDERALISE ONLY Project Location: Eddy County, N.M. Sampler Name: Simon Rendon
	101 East Water Co. (505) 393-2476 (505) 393-2326 FAX (505) 393-2476 E BBC International, Inc. E Cliff Brunson State: NM Zip: State: NM Zip
GROUNDWATER WASTEWATER OIL OIL	ip: 88241 97-0397 Oxy B(10-30-18)
OTHER: ACID/BASE: ICE / COOL OTHER: 3/12/21 3/12/21 3/12/21 3/12/21 3/12/21 3/12/21	P.O. #: Company: OXY Attn: WADE Address: City: State: Zip: Phone #: Fax #: PRESERV SAMPLING
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(505) 393-2326 [(505) 393-2326 FAX (500) 393-2770	BILL TO		Ar	ANALYSIS REGUES!
Company Name: BBC International, Inc.	onal, Inc.	١.			
Project Manager: Cliff Brunson					
Address: P.O. Box 805		Company: OXY			
	State: NM Zip: 88241	Attn: WADE			
Bhone #: 575-397-6388	Fax #: 575-397-0397	Address:			
Holle #. C. C.	Project Owner: Oxy	City:		_	
project *:	peckeral 18-11 cts(10-30-18)	State: Zip:			
Project Location: Eddy County I N.M.	MMIMM	Phone #:			
Sampler Name: Simon Rendon		Fax #: SAMPLING	NG	_	
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Lab I.D. Sample I.D.	G)RAB OR (C)O CONTAINERS GROUNDWATER WASTEWATER SOIL DIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	CL BTEX	TPH EXT	
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USGS Home **Contact USGS** Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater eographic Area: **∨** GO New Mexico

Click to hideNews Bulletins

- Please see news on new formats
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Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321205103544701

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321205103544701 24S.30E.19.42113

Eddy County, New Mexico Latitude 32°12'05", Longitude 103°54'47" NAD27

Land-surface elevation 3,188 feet above NAVD88

The depth of the well is 452 feet below land surface.

This well is completed in the Rustler Formation (312RSLR) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water- level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measureme
1958-10-24		D	227.70			2		U		
1959-03-19		D	227.75			2		U		
1975-12-10		D	231.78			2		U		
1976-01-16		D	237.26			2		U		
1976-12-01		D	230.73			2		U		
1977-01-14		D	230.62			2		U		
1983-02-01		D	235.93			2		U		
1987-10-15		D	233.30			2		S		
1998-01-27		D	231.02			2		S		

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.



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Accessibility Policies and Notices Plug-Ins FOIA Privacy U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for New Mexico: Water Levels

URL: https://nwis.waterdata.usgs.gov/nm/nwis/gwlevels?

Page Contact Information: <u>New Mexico Water Data Maintainer</u> Page Last Modified: 2018-11-29 11:55:10 EST

USA.gov

Form C-141 Page 6

State of New Mexico Oil Conservation Division

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Incident ID	NAB1832536550
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office

must be notified 2 days prior to liner inspection)			
Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)			
Description of remediation activities			
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete. Printed Name: Wade Dittrich Title: Environmental Coordinator Date: 3.70-2.(Environmental Coordinator Telephone: (575) 390-2828			
OCD Only			
Received by: Robert Hamlet Date: 8/26/2021			
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.			
Closure Approved by: Robert Hamlet Date: 8/26/2021			
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 29717

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	29717
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAB1832536550 RIVERBEND FEDERAL B-11 CTB, thank you. This closure is approved.	8/26/2021