Closure Report

Incident ID:NRM2023462122

Site Description			
Site Name:	Copperhead 18-1 SWD		
Company:	Oxy, Permian		
Legal Description:	U/L P, Section 18, T24S, R33E		
County:	Lea County, NM		
GPS Coordinates:	N 32.21828 W103.61021		

Release Data				
Date of Release:	8/10/2020			
Type of Release:	Crude Oil / Produced water			
Source of Release:	PSV POP OFF ON HEADER			
Volume of Release:	15 bbls 35 bbls			
Volume Recovered:	7 bbls 13 bbls			

Remediation Specifications					
Remediation Risk based rememdiation: In the area of sample points SP1 through SP5, SP7 through SP11 excavate to a depth of 1'. In the area of SP2 and SP6					
	excavate to a depth of 2'. Collect botto and sidewall confirmation. Sample every 200 ft. Backfill with clean soil.				
Remediation Activities:	Remediation Activities: 4-1-21 THRU 5-18-21				
Plan Sent to OCD:					
OCD Approval of Plan:					
Plan Sent to BLM:					
BLM Approval of Plan:					

Supporting Documentation						
Initial C-141	signed and included					
C-141, page 6	signed and included	igned and included				
Site Diagram	Google Earth map with	Google Earth map with excavation depths & confirmation sample points				
Pictures	Remediation photos					
Lab Summary/Analysis	Confirmation lab summary/analysis report for 9/16/20 & 9/17/21, 4/12/21					
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.

5/24/2021

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

State of New Mexico Energy Minerals and Natural Resources 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	NRM2023462122
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party	OXY USA INC.	OGRID	16696
Contact Name	WADE DITTRICH	Contact Telephone	(575) 390-2828
Contact email	WADE_DITTRICH@OXY.COM	Incident # (assigned by OCD)	
Contact mailing address	PO BOX 4294; HOUSTON, TX	77210	

Location of Release Source

Latitude N 32.21867				Longitude	W 103.	60933	
			(NAD 83 in de	cimal degrees to 5 dec			
Site Name	Site Name COPPERHEAD 18-1 SWD Site					,	
Date Release	Discovered	8-10-2020		API# (if a	oplicable) 30-02	5-36489	
Unit Letter	Section	Township	Range	Cor	ınty		
Р	18	248	33E		INTY, NM		
Surface Owne	r: 🔳 State	Federal T	ribal Private (/	Name:)	
			Nature and	l Volume of	Release		
	Materia	(s) Released (Select a	Il that apply and attach	calculations or specif	ic justification for the	volumes provided below)	
Crude Oi			ed (bbls) 15 BBLS		Volume Recovered (bbls) 7 BBLS		
Produced	Water	Volume Release	d (bbls) 35 BBL	S	Volume Recovered (bbls) 13 BBLS		
Is the concentration of dissolved chlorid produced water >10,000 mg/l?		hloride in the	■ Yes □ No				
Condensa	ite	Volume Released (bbls)			Volume Recovered (bbls)		
Natural C	☐ Natural Gas Volume Released (Mcf)				Volume Recovered (Mcf)		
Other (de	Other (describe) Volume/Weight Released (provide units)			e units)	Volume/Weig	ht Recovered (provide units)	
Cause of Rel	ease						
PSV POP	OFF ON	HEADER					

Form C-141 Page 2

State of New Mexico Oil Conservation Division

	v
Incident ID	NRM2023462122
District RP	
Facility ID	
Application ID	

release as defined by THE RELEASE IS GREATER THAN 25 BBLS.
19.15.29.7(A) NMAC? THE RELEASE IS GREATER THAIN 25 BBLS.
17.13.25.7(A) NWAC:
■ Yes □ No
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
YES, BY WADE DITTRICH, TO MIKE BRATCHER, VICTORIA VENEGAS, ROBERT HAMLET, & JIM
GRISWOLD ON 8/11/20 VIA EMAIL
Initial Response
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury
The service of the value of the
The source of the release has been stopped.
The impacted area has been secured to protect human health and the environment. Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
and a second sec
All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation 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 within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
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.
Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature: Na le Visit Date: 8-18-20
email: wade_dittrich@oxy.com Telephone: (575) 390-2828
Telephone: (5.5) 2020
OCD Only
Received by: Date:

Form C-141 Page 6 State of New Mexico
Oil Conservation Division

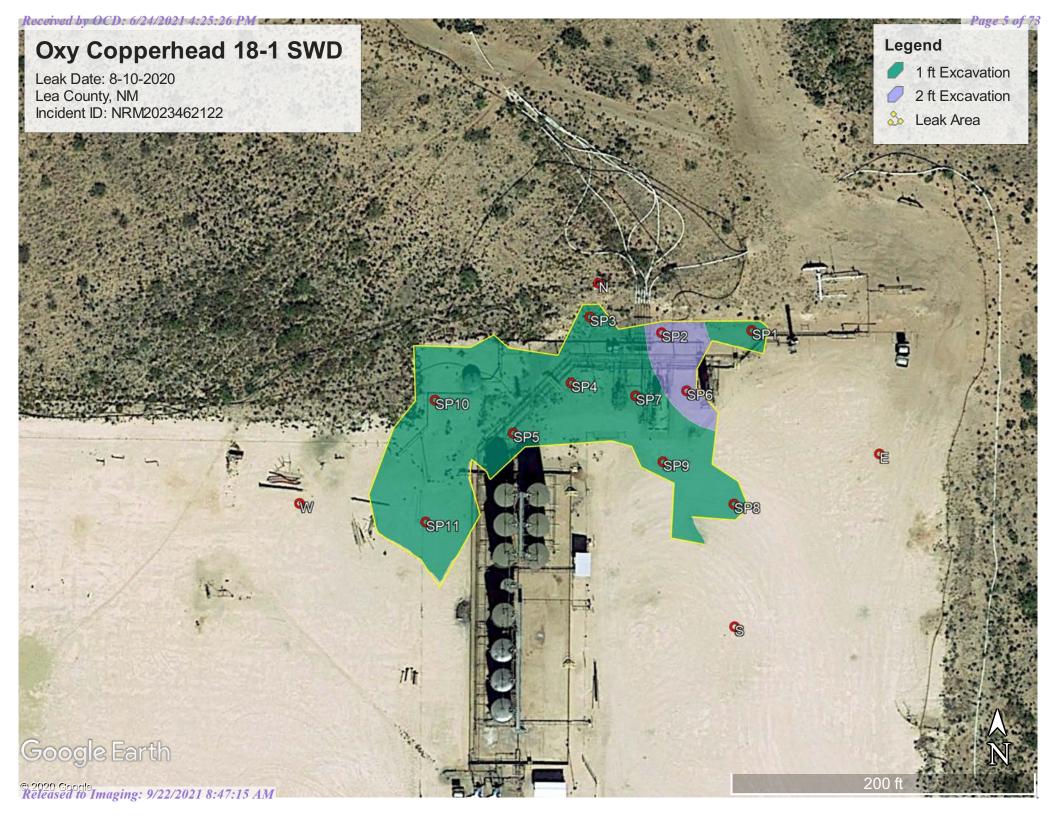
Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

Incident ID	NRM2023462122
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.

A scaled site and sampling diagram as described in 19.15.29.	11 NMAC
Photographs of the remediated site prior to backfill or photographs 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 certa may endanger public health or the environment. The acceptance or should their operations have failed to adequately investigate and re human health or the environment. In addition, OCD acceptance of	ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete. Environmental Coordinator
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 for regulations.
Closure Approved by:	Date:
Printed Name:	



Oxy, Copperhead 18-1 SWD 8-8-20

Sample Points:

SP1, N 32.21906, W -103.60920

SP2, N 32.21906, W -103.60940

SP3, N 32.21909, W -103.60955

SP4, N 32.21897, W -103.60959

SP5, N 32.21888, W -103.60971

SP6, N 32.21895, W -103.60934

SP7, N 32.21895, W -103.60945

SP8, N 32.21875, W -103.60924

SP9, N 32.21883, W -103.60939

SP10, N 32.21894, W -103.60988

SP11, N 32.21872, W -103.60990

N, N 32.21915, W -103.60953

E, N 32.21884, W -103.60893

W, N 32.21875, W -103.61016

S, N 32.21853, W -103.60924







OXY USA Inc.



COPPERHEAD 18 STATE 1 SWD

EMERGENCY NUMBER 575-393-3021

Released to Imaging: 9/22/2021 8:47:15 AM









Released to Imaging: 9/22/2021 8:47:15 AM

















			North @	East @	West @	South @
		Sample ID	Surface	Surface	Surface	Surface
Analyte	Method	Date	8/24/20	8/24/20	8/24/20	8/24/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		0.112	0.132	< 0.050	0.083
Ethylbenzene	BTEX 8021B		0.173	0.138	< 0.050	0.100
Total Xylenes	BTEX 8021B		1.36	1.07	0.229	0.752
Total BTEX	BTEX 8021B		1.65	1.34	< 0.300	0.934
Chloride	SM4500CI-B		<16.0	32.0	48.0	16.0
GRO	TPH 8015M		14.8	12.3	<10.0	<10.0
DRO	TPH 8015M		37.5	24.1	36.5	17.5
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

			SP1 @			
		Sample ID	Surface	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	8/24/20	8/24/20	8/24/20	8/24/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a	n/a
Toluene	BTEX 8021B		0.169	< 0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		0.283	< 0.050	n/a	n/a
Total Xylenes	BTEX 8021B		2.57	< 0.150	n/a	n/a
Total BTEX	BTEX 8021B		3.02	< 0.300	n/a	n/a
Chloride	SM4500CI-B		208	<16.0	<16.0	96.0
GRO	TPH 8015M		151	<10.0	n/a	n/a
DRO	TPH 8015M		16000	<10.0	n/a	n/a
EXT DRO	TPH 8015M		3560	<10.0	n/a	n/a

		Sample ID	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	8/24/20	8/24/20	8/24/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		0.125	< 0.050	n/a
Ethylbenzene	BTEX 8021B		0.160	< 0.050	n/a
Total Xylenes	BTEX 8021B		1.42	<0.150	n/a
Total BTEX	BTEX 8021B		1.70	< 0.300	n/a
Chloride	SM4500CI-B		11700	960	32.0
GRO	TPH 8015M		80.9	<10.0	n/a
DRO	TPH 8015M		17300	<10.0	n/a
EXT DRO	TPH 8015M	·	4530	<10.0	n/a

		Sample ID	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'
Analyte	Method	Date	8/24/20	8/24/20	8/24/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		0.142	< 0.050	n/a
Ethylbenzene	BTEX 8021B		0.162	< 0.050	n/a
Total Xylenes	BTEX 8021B		1.33	<0.150	n/a
Total BTEX	BTEX 8021B		1.63	< 0.300	n/a
Chloride	SM4500CI-B		944	48.0	80.0
GRO	TPH 8015M		18.0	<10.0	n/a
DRO	TPH 8015M		6560	<10.0	n/a
EXT DRO	TPH 8015M		1990	<10.0	n/a

			SP4 @		
		Sample ID	Surface	SP4 @ 1'	SP4 @ 2'
Analyte	Method	Date	8/24/20	8/24/20	8/24/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		0.075	< 0.050	n/a
Ethylbenzene	BTEX 8021B		0.086	< 0.050	n/a
Total Xylenes	BTEX 8021B		0.799	< 0.050	n/a
Total BTEX	BTEX 8021B		0.960	< 0.050	n/a
Chloride	SM4500CI-B		1310	80.0	64.0
GRO	TPH 8015M		<100	<10.0	n/a
DRO	TPH 8015M		33400	<10.0	n/a
EXT DRO	TPH 8015M		9260	<10.0	n/a

		Sample ID	SP5 @ Surface	SP5 @ 1'	SP5 @ 2'
Analyte	Method	Date	8/25/20	8/25/20	8/25/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		0.069	< 0.050	n/a
Ethylbenzene	BTEX 8021B		0.059	< 0.050	n/a
Total Xylenes	BTEX 8021B		0.475	<0.150	n/a
Total BTEX	BTEX 8021B		0.604	< 0.300	n/a
Chloride	SM4500CI-B		4880	64.0	64.0
GRO	TPH 8015M		14.0	<10.0	n/a
DRO	TPH 8015M		9940	11.7	n/a
EXT DRO	TPH 8015M		2840	<10.0	n/a

			SP6 @			
		Sample ID	Surface	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'
Analyte	Method	Date	8/25/20	8/25/20	8/25/20	8/25/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a	n/a
Toluene	BTEX 8021B		0.083	< 0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		0.067	< 0.050	n/a	n/a
Total Xylenes	BTEX 8021B		0.576	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		0.726	< 0.300	n/a	n/a
Chloride	SM4500CI-B		5600	4080	144	80.0
GRO	TPH 8015M		32.3	<10.0	n/a	n/a
DRO	TPH 8015M		9540	<10.0	n/a	n/a
EXT DRO	TPH 8015M		2310	<10.0	n/a	n/a

			SP7 @		
		Sample ID	Surface	SP7 @ 1'	SP7 @ 2'
Analyte	Method	Date	8/25/20	8/25/20	8/25/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		< 0.050	< 0.050	n/a
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	n/a
Total Xylenes	BTEX 8021B		0.525	<0.150	n/a
Total BTEX	BTEX 8021B		0.525	< 0.300	n/a
Chloride	SM4500CI-B		2320	96.0	32.0
GRO	TPH 8015M		67.7	<10.0	n/a
DRO	TPH 8015M		2430	<10.0	n/a
EXT DRO	TPH 8015M		543	<10.0	n/a

			SP8 @			
		Sample ID	Surface	SP8 @ 1'	SP8 @ 2'	SP8 @ 3'
Analyte	Method	Date	8/25/20	8/25/20	8/25/20	8/25/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		0.635	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		0.844	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		7.98	< 0.150	< 0.150	<0.150
Total BTEX	BTEX 8021B		9.46	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		176	16.0	32.0	16.0
GRO	TPH 8015M		228	<10.0	<10.0	<10.0
DRO	TPH 8015M		23500	21.5	<10.0	<10.0
EXT DRO	TPH 8015M		4940	<10.0	<10.0	<10.0

			SP9 @			
		Sample ID	Surface	SP9 @ 1'	SP9 @ 2'	SP9 @ 3'
Analyte	Method	Date	8/25/20	8/25/20	8/25/20	8/25/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.500	< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		1.75	< 0.050	< 0.050	n/a
Ethylbenzene	BTEX 8021B		3.30	< 0.050	< 0.050	n/a
Total Xylenes	BTEX 8021B		35.5	<0.150	<0.150	n/a
Total BTEX	BTEX 8021B		40.6	< 0.300	< 0.300	n/a
Chloride	SM4500CI-B		80.0	<16.0	16.0	<16.0
GRO	TPH 8015M		1110	<10.0	<10.0	n/a
DRO	TPH 8015M		19100	222	<10.0	n/a
EXT DRO	TPH 8015M		3720	39.0	<10.0	n/a

		Sample ID	SP10 @ Surface	SP10 @ 1'	SP10 @ 2'
Analyte	Method	Date	8/25/20	8/25/20	8/25/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		0.066	< 0.050	n/a
Ethylbenzene	BTEX 8021B		0.064	< 0.050	n/a
Total Xylenes	BTEX 8021B		0.539	<0.150	n/a
Total BTEX	BTEX 8021B		0.668	< 0.300	n/a
Chloride	SM4500CI-B		2320	32.0	80.0
GRO	TPH 8015M		10.8	<10.0	n/a
DRO	TPH 8015M		2330	55.8	n/a
EXT DRO	TPH 8015M		843	28.0	n/a

			SP11 @		
		Sample ID	Surface	SP11 @ 1'	SP11 @ 2'
Analyte	Method	Date	8/25/20	8/25/20	8/25/20
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		< 0.050	< 0.050	n/a
Toluene	BTEX 8021B		< 0.050	< 0.050	n/a
Ethylbenzene	BTEX 8021B		< 0.050	< 0.050	n/a
Total Xylenes	BTEX 8021B		0.185	<0.150	n/a
Total BTEX	BTEX 8021B		< 0.300	< 0.300	n/a
Chloride	SM4500CI-B		33600	112	112
GRO	TPH 8015M		<10.0	<10.0	n/a
DRO	TPH 8015M		2570	42.9	n/a
EXT DRO	TPH 8015M		757	20.7	n/a



August 28, 2020

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: COPPERHEAD 18 - 1 SWD (8-10-20)

Enclosed are the results of analyses for samples received by the laboratory on 08/26/20 16:15.

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)

Celey D. Keine

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: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: NORTH @ SURFACE (H002259-01)

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	08/27/2020	ND	1.99	99.3	2.00	3.40	
Toluene*	0.112	0.050	08/27/2020	ND	2.02	101	2.00	3.49	
Ethylbenzene*	0.173	0.050	08/27/2020	ND	2.00	100	2.00	3.62	
Total Xylenes*	1.36	0.150	08/27/2020	ND	5.78	96.3	6.00	3.61	
Total BTEX	1.65	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	105	% 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	08/27/2020	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*	14.8	10.0	08/27/2020	ND	200	100	200	4.28	
DRO >C10-C28*	37.5	10.0	08/27/2020	ND	211	105	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	124	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	135	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey & Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: OXY - LEA CO NM

ma/ka

Sample ID: EAST @ SURFACE (H002259-02)

RTFY 8021R

ilig/	ĸy	Allalyze	u by. MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<0.050	0.050	08/27/2020	ND	1.99	99.3	2.00	3.40	
0.132	0.050	08/27/2020	ND	2.02	101	2.00	3.49	
0.138	0.050	08/27/2020	ND	2.00	100	2.00	3.62	
1.07	0.150	08/27/2020	ND	5.78	96.3	6.00	3.61	
1.34	0.300	08/27/2020	ND					
103 9	% 73.3-12	9						
mg/	kg	Analyzed By: GM						
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	08/27/2020	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
12.3	10.0	08/27/2020	ND	200	100	200	4.28	
24.1	10.0	08/27/2020	ND	211	105	200	1.08	
<10.0	10.0	08/27/2020	ND					
106 9	% 44.3-14	4						
110 9	% 42.2-15	6						
	Result <0.050 0.132 0.138 1.07 1.34 103 9 mg/ Result 32.0 mg/ Result 12.3 24.1 <10.0	<0.050 0.132 0.050 0.138 0.050 1.07 0.150 1.34 0.300 73.3-12 mg/kg Result Reporting Limit 32.0 16.0 mg/kg Result Reporting Limit 10.0 24.1 10.0 10.0 44.3-14	Result Reporting Limit Analyzed <0.050	Result Reporting Limit Analyzed Method Blank <0.050	Result Reporting Limit Analyzed Method Blank BS <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <0.050	Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD <0.050

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Jodi Henson

Applyzod By: MC

Project Location: OXY - LEA CO NM

Sample ID: WEST @ SURFACE (H002259-03)

RTFY 8021R

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.99	99.3	2.00	3.40	
Toluene*	<0.050	0.050	08/27/2020	ND	2.02	101	2.00	3.49	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	2.00	100	2.00	3.62	
Total Xylenes*	0.229	0.150	08/27/2020	ND	5.78	96.3	6.00	3.61	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 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	48.0	16.0	08/27/2020	ND	400	100	400	0.00	
TPH 8015M	mg,	'kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2020	ND	200	100	200	4.28	
DRO >C10-C28*	36.5	10.0	08/27/2020	ND	211	105	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	84.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	87.8	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Applyzod By: MC

Project Location: OXY - LEA CO NM

Sample ID: SOUTH @ SURFACE (H002259-04)

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	08/27/2020	ND	1.99	99.3	2.00	3.40	
Toluene*	0.083	0.050	08/27/2020	ND	2.02	101	2.00	3.49	
Ethylbenzene*	0.100	0.050	08/27/2020	ND	2.00	100	2.00	3.62	
Total Xylenes*	0.752	0.150	08/27/2020	ND	5.78	96.3	6.00	3.61	
Total BTEX	0.934	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 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	08/27/2020	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/27/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	17.5	10.0	08/27/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	110	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	109	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine

S-04



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: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Applyzod By: MC

Project Location: OXY - LEA CO NM

Sample ID: SP 1 @ SURFACE (H002259-05)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.99	99.3	2.00	3.40	
Toluene*	0.169	0.050	08/27/2020	ND	2.02	101	2.00	3.49	
Ethylbenzene*	0.283	0.050	08/27/2020	ND	2.00	100	2.00	3.62	
Total Xylenes*	2.57	0.150	08/27/2020	ND	5.78	96.3	6.00	3.61	
Total BTEX	3.02	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	131	% 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	208	16.0	08/27/2020	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*	151	50.0	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	16000	50.0	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	3560	50.0	08/28/2020	ND					
Surrogate: 1-Chlorooctane	165	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	764	% 42.2-15	6						

Surrogate: 1-Chlorooctadecane 764 % 42.2-156

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 1 @ 1' (H002259-06)

BTEX 8021B	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.99	99.3	2.00	3.40	
Toluene*	<0.050	0.050	08/27/2020	ND	2.02	101	2.00	3.49	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	2.00	100	2.00	3.62	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.78	96.3	6.00	3.61	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 %	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	08/27/2020	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*	<10.0	10.0	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	08/28/2020	ND					
Surrogate: 1-Chlorooctane	146 %	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	151 %	6 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

96.0

16.0

Sample ID: SP 1 @ 2' (H002259-07)

Chloride

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	08/27/2020	ND	400	100	400	0.00	
Sample ID: SP 1 @ 3' (HG	002259-08)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

ND

400

100

400

0.00

08/27/2020

Caudinal Labauakasiaa	¥
Cardinal Laboratories	*=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 2 @ SURFACE (H002259-09)

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	08/27/2020	ND	1.99	99.3	2.00	3.40	
Toluene*	0.125	0.050	08/27/2020	ND	2.02	101	2.00	3.49	
Ethylbenzene*	0.160	0.050	08/27/2020	ND	2.00	100	2.00	3.62	
Total Xylenes*	1.42	0.150	08/27/2020	ND	5.78	96.3	6.00	3.61	
Total BTEX	1.70	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 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	11700	16.0	08/27/2020	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*	80.9	50.0	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	17300	50.0	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	4530	50.0	08/28/2020	ND					
Surrogate: 1-Chlorooctane	140 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	815 9	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: MS

Project Location: OXY - LEA CO NM

mg/kg

Sample ID: SP 2 @ 1' (H002259-10)

BTEX 8021B

	9,	9	7	7: : : :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.99	99.3	2.00	3.40	
Toluene*	<0.050	0.050	08/27/2020	ND	2.02	101	2.00	3.49	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	2.00	100	2.00	3.62	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.78	96.3	6.00	3.61	
Total BTEX	<0.300	0.300	08/27/2020	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	960	16.0	08/27/2020	ND	400	100	400	0.00	
TPH 8015M	mg	/kg	Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	08/28/2020	ND					
Surrogate: 1-Chlorooctane	149	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	155	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 2 @ 2' (H002259-11)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/27/2020	ND	400	100	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 3 @ SURFACE (H002259-12)

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	08/27/2020	ND	1.99	99.3	2.00	3.40	
Toluene*	0.142	0.050	08/27/2020	ND	2.02	101	2.00	3.49	
Ethylbenzene*	0.162	0.050	08/27/2020	ND	2.00	100	2.00	3.62	
Total Xylenes*	1.33	0.150	08/27/2020	ND	5.78	96.3	6.00	3.61	
Total BTEX	1.63	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 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	944	16.0	08/27/2020	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*	18.0	10.0	08/27/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	6560	10.0	08/27/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	1990	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	124 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	449 9	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: ms

Project Location: OXY - LEA CO NM

mg/kg

Sample ID: SP 3 @ 1' (H002259-13)

BTEX 8021B

	9,	9	7	7:					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	48.0	16.0	08/27/2020	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	08/28/2020	ND					
Surrogate: 1-Chlorooctane	146	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	153	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 3 @ 2' (H002259-14)

Chloride, SM4500CI-B	kg	Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/28/2020	ND	400	100	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine

S-04



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: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: ms

Project Location: OXY - LEA CO NM

mg/kg

Sample ID: SP 4 @ SURFACE (H002259-15)

BTEX 8021B

		,							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	0.075	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	0.086	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	0.799	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	0.960	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	144	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	08/28/2020	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*	<100	100	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	33400	100	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	9260	100	08/28/2020	ND					
Surrogate: 1-Chlorooctane	182	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	1600	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: ms

Project Location: OXY - LEA CO NM

mg/kg

Sample ID: SP 4 @ 1' (H002259-16)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. III3					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 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	80.0	16.0	08/28/2020	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	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	08/28/2020	ND					
Surrogate: 1-Chlorooctane	81.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	84.6	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/24/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 4 @ 2' (H002259-17)

Chloride, SM4500CI-B	mg/	/kg	Anaiyze	а ву: АС					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/28/2020	ND	400	100	400	0.00	

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 5 @ SURFACE (H002259-18)

BTEX 8021B	mg/kg		Analyze	Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	0.069	0.050	08/28/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	0.059	0.050	08/28/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	0.475	0.150	08/28/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	0.604	0.300	08/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	126 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	08/28/2020	ND	416	104	400	3.77	QM-07
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*	14.0	10.0	08/27/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	9940	10.0	08/27/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	2840	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	125 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	635 9	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 5 @ 1' (H002259-19)

BTEX 8021B	mg/	kg	Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	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	64.0	16.0	08/28/2020	ND	416	104	400	3.77	
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	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	11.7	10.0	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	08/28/2020	ND					
Surrogate: 1-Chlorooctane	112 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	118 9	6 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 5 @ 2' (H002259-20)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/28/2020	ND	416	104	400	3.77	

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Kreine



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: 08/26/2020 Sampling Date: 08/25/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 6 @ SURFACE (H002259-21)

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	08/28/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	0.083	0.050	08/28/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	0.067	0.050	08/28/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	0.576	0.150	08/28/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	0.726	0.300	08/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	132 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	08/28/2020	ND	416	104	400	3.77	
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*	32.3	10.0	08/27/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	9540	10.0	08/27/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	2310	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	119 9	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	525 9	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: ms

Project Location: OXY - LEA CO NM

mg/kg

Sample ID: SP 6 @ 1' (H002259-22)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	a by. ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 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	4080	16.0	08/28/2020	ND	416	104	400	3.77	
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	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	08/28/2020	ND					
Surrogate: 1-Chlorooctane	126	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	132	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 6 @ 2' (H002259-23)

Chloride, SM4500CI-B mg/kg Analyzed By: AC

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 144 16.0 08/28/2020 ND 416 104 400 3.77

Sample ID: SP 6 @ 3' (H002259-24)

Chloride, SM4500Cl-B Analyzed By: AC mg/kg Reporting Limit Analyzed BS True Value QC RPD Analyte Result Method Blank Qualifier % Recovery Chloride 80.0 16.0 08/28/2020 416 400 3.77 ND 104

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



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: 08/26/2020 Sampling Date: 08/25/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 7 @ SURFACE (H002259-25)

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	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	0.525	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	0.525	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	180 9	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	08/28/2020	ND	416	104	400	3.77	
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*	67.7	10.0	08/27/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	2430	10.0	08/27/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	543	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	125 %	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	200 9	42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: me

Project Location: OXY - LEA CO NM

ma/ka

Sample ID: SP 7 @ 1' (H002259-26)

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	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/28/2020	ND	416	104	400	3.77	
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	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	08/28/2020	ND					
Surrogate: 1-Chlorooctane	133	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	141	% 42.2-15	6						
9									

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 7 @ 2' (H002259-27)

Chloride, SM4500Cl-B	mg/	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2020	ND	416	104	400	3.77	

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



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: 08/26/2020 Sampling Date: 08/25/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 8 @ SURFACE (H002259-28)

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	08/28/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	0.635	0.050	08/28/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	0.844	0.050	08/28/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	7.98	0.150	08/28/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	9.46	0.300	08/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	206	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/28/2020	ND	416	104	400	3.77	
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*	228	100	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	23500	100	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	4940	100	08/28/2020	ND					
Surrogate: 1-Chlorooctane	154	% 44.3-14	4						
Summanta 1 Chlana a stada ana	1100	0/ 12.2.15							

Surrogate: 1-Chlorooctadecane 1190 % 42.2-156

Cardinal Laboratories *=Accredited Analyte

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

Celecy D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 8 @ 1' (H002259-29)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/28/2020	ND	416	104	400	3.77	
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	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	21.5	10.0	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	08/28/2020	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	115 9	6 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 8 @ 2' (H002259-30)

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	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	73.3-12	9						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2020	ND	416	104	400	3.77	
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	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	08/28/2020	ND					
Surrogate: 1-Chlorooctane	132 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	137 9	6 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 8 @ 3' (H002259-31)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	< 0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/28/2020	ND	416	104	400	3.77	
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	08/27/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	<10.0	10.0	08/27/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	<10.0	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	126	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	136	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 9 @ SURFACE (H002259-32)

BTEX 8021B	mg	/kg	Analyze	ed By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	08/28/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	1.75	0.500	08/28/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	3.30	0.500	08/28/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	35.5	1.50	08/28/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	40.6	3.00	08/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	185	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/28/2020	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	1110	100	08/28/2020	ND	200	99.9	200	2.59	
DRO >C10-C28*	19100	100	08/28/2020	ND	182	90.9	200	7.11	
EXT DRO >C28-C36	3720	100	08/28/2020	ND					
Surrogate: 1-Chlorooctane	242	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	817	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celeg & Freene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 9 @ 1' (H002259-33)

BTEX 8021B	mg,	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/28/2020	ND	416	104	400	3.77	
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	08/27/2020	ND	212	106	200	3.97	
DRO >C10-C28*	222	10.0	08/27/2020	ND	224	112	200	1.95	QM-07
EXT DRO >C28-C36	39.0	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	134	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	147	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 9 @ 2' (H002259-34)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 73.3-12	9						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/28/2020	ND	416	104	400	3.77	
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	08/27/2020	ND	212	106	200	3.97	
DRO >C10-C28*	<10.0	10.0	08/27/2020	ND	224	112	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	127	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	132	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 9 @ 3' (H002259-35)

Chloride, SM4500CI-B	mg	/kg	Analyze	By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/28/2020	ND	416	104	400	3.77	

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 10 @ SURFACE (H002259-36)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	0.066	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	0.064	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	0.539	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	0.668	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	124	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	08/28/2020	ND	416	104	400	3.77	
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*	10.8	10.0	08/27/2020	ND	212	106	200	3.97	
DRO >C10-C28*	2330	10.0	08/27/2020	ND	224	112	200	1.95	
EXT DRO >C28-C36	843	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	120	% 44.3-14	14						
Surrogate: 1-Chlorooctadecane	232	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: me

Project Location: OXY - LEA CO NM

ma/ka

Sample ID: SP 10 @ 1' (H002259-37)

RTFY 8021R

B1EX 8021B	mg	^и кд	Anaiyze	a By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/28/2020	ND	416	104	400	3.77	
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	08/27/2020	ND	212	106	200	3.97	
DRO >C10-C28*	55.8	10.0	08/27/2020	ND	224	112	200	1.95	
EXT DRO >C28-C36	28.0	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	125	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	132	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 10 @ 2' (H002259-38)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/28/2020	ND	416	104	400	3.92	

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: ms

Project Location: OXY - LEA CO NM

Sample ID: SP 11 @ SURFACE (H002259-39)

BTEX 8021B

BIEX 8021B	ilig/	ĸy	Allalyze	u by. IIIS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/28/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	< 0.050	0.050	08/28/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	< 0.050	0.050	08/28/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	0.185	0.150	08/28/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/28/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 73.3-12	9						
Chloride, SM4500CI-B	mg,	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	33600	16.0	08/28/2020	ND	416	104	400	3.92	
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*	<10.0	10.0	08/27/2020	ND	212	106	200	3.97	
DRO >C10-C28*	2570	10.0	08/27/2020	ND	224	112	200	1.95	
EXT DRO >C28-C36	757	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	121	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	243	% 42.2-15	6						

Cardinal Laboratories *=Accredited Analyte

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

Celey & Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: Sampling Type: Soil 08/28/2020

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 11 @ 1' (H002259-40)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/27/2020	ND	1.88	94.1	2.00	2.19	
Toluene*	<0.050	0.050	08/27/2020	ND	1.89	94.5	2.00	1.60	
Ethylbenzene*	<0.050	0.050	08/27/2020	ND	1.86	92.8	2.00	1.35	
Total Xylenes*	<0.150	0.150	08/27/2020	ND	5.84	97.3	6.00	1.12	
Total BTEX	<0.300	0.300	08/27/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/28/2020	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	08/27/2020	ND	212	106	200	3.97	
DRO >C10-C28*	42.9	10.0	08/27/2020	ND	224	112	200	1.95	
EXT DRO >C28-C36	20.7	10.0	08/27/2020	ND					
Surrogate: 1-Chlorooctane	128 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	135 9	% 42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene



Analytical Results For:

BBC International, Inc.

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

Fax To: (575) 397-0397

Received: 08/26/2020 Sampling Date: 08/25/2020

Reported: 08/28/2020 Sampling Type: Soil

Project Name: COPPERHEAD 18 - 1 SWD (8-10-20) Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY - LEA CO NM

Sample ID: SP 11 @ 2' (H002259-41)

Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	08/28/2020	ND	416	104	400	3.92	

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keine



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

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside 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

Cardinal Laboratories *=Accredited Analyte

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

Celey D. Keene

Time:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST (1045)

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

Company Name:	BBC International, Inc.										_	8/	BILL TO					PZ	ANALYSIS		REQUEST	TS	
Project Manager:	r: Cliff Brunson								P.C	P.O. #:		- 1					_	-	\dashv		1	7	
Address: P.O.	P.O. Box 805								ಂ	du	any		Company: OXY										
city: Hobbs	State: NM	Zip:		88241	44				Attn:	₽	8	WADE	J.11										
Phone #: 575-	575-397-6388 Fax #: 575-397-0397	397	0	397	7				Ad	Address:	SS												
Project #:	Project Owner: Oxy	ô	2						City:	``													
Project Name: (Project Name: Copperhead 18-1 SWD (8-10-20)								State:	te:			Zip:										
Project Location:	1: LEA COUNTY, NM								Ph	Phone #:	#												_
Sampler Name:	Simon Rendon								Fax #:	#													
FOR LAB USE ONLY		3				MATRIX	R			PR	PRESERV.	RV.	SAMPLING	ត									
Lab I.D. H <i>0</i> 0 <i>725</i> 9	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	CL	BTEX	TPH EXT						
-	North @ Surface	ດ	~			4					40		8/24/20	11:00 AM	۲	<	<u> </u>		-				
2	East @ Surface	-	_			era							8/24/20	11:12 AM	<	<	<						
w	West @ Surface		-			-							8/24/20	11:25 AM	<	<	<						
工	South @ Surface		_								_		8/24/20	11:42 AM	۲	<	<						
N	SP1 @ Surface		-			00000					_		8/24/20	11:57 AM	<	<	۲						
6	SP1 @ 1'	-	_			-					-		8/24/20	12:46 PM	<	<	<						
<u></u>	SP1 @ 2'	_	-			-					-		8/24/20	1:05 PM	<								
as	SP1 @ 3'		-			market a					-		8/24/20	1:17 PM	<								
2	SP2 @ Surface	_	-			_					-		8/24/20	1:34 PM	<	<	4						
10	SP2 @ 1'	4	*			•					-		8/24/20	1:48 PM	۲	<	<						
PLEASE NOTE: Liability an analyses. All claims includir service. In no event shall C affiliates or successors arisi	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim ansing 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 whatspewer shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In one event shall Cardinal be label for inceptantal or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidianes, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ny clain eemed withou ardinal,	n arısı waıve t limita regar	ng wh ed unl ation, t	ether ess m busine of wh	based ade in ess int	in col writin errupti	ntract g and ons, I laim is	or tor recei	shal /ed by use, d upo	be lir Card or loss	nited I	arrising whether based in contract or tort, shall be limited to the amount paid by the client for it waved unless made in writing and received by Cardinal within 30 days after completion of the limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiant regardless of whether such claims to based upon any of the above stated reasons or otherwise.	by the client for the completion of the ent, its subsidiane ons or otherwise	applicabl	ē		ŀ	ŀ	-		Ī	L
Relinquished By	Date: 171/17	Re	Received By:	/ed	By	,								Phone Result:		□ Yes	□ No		Add'I Phone #:	le#:			
Y!	Time: 15	1	1	N	5	6	J.	1	6	7	2	5	anson.	Fax Result: REMARKS:		□ Yes			Add'I Fax #:	7.7			
Relinquished By:		GR.	Received By:	/ed	Ву		4																

1#13

Sample Condition
Cool Intact
Yes Yes
No No

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC Interr	BBC International, Inc.		BILL TO				ANALYSIS	REQUEST	
Project Manager: Cliff Brunson	ion	P	P.O. #:		1				
Address: P.O. Box 805	is a	0	Company: OXY			q	1		
city: Hobbs	State: NM Zip:	88241	Attn: WADE						
Phone #: 575-397-6388	Fax #: 575-397-0397	3	Address:			_			
Project #:	Project Owner: Oxy	24	City:						
Project Name: Copperhead 18-1 SWD (8-10-20)	18-1 SWD (8-10-20)		State: Zip:						
Project Location: LEA COUNTY, NM	ITY, NM	9	#						
Sampler Name: Simon Rendon	endon	an i	Fax #:						
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	ดิ					
Lab I.D. Sam	Sample I.D.		ASE: DOL			хт			
H007759	(G)RA	GROL	ACID/ ICE / C OTHE	TIME	BTE	ТРН			
1 SP2 @ 2'	റ		8/24/20	1:58 PM					
SP3 @ Surface	ace 1	-	8/24/20	2:20 PM	<u> </u>	<			
_			8/24/20 :	2:32 PM 🗸	٠	<			
14 SP3 @ 2'			8/24/20 2	2:47 PM	_				
15 SP4 @ Surface	ace		8/24/20	3:00 PM	_	<			
16 SP4 @ 1'			8/24/20 :	3:12 PM	_	<			
17 SP4 @ 2'			8/24/20 :	3:24 PM					
1% SP5 @ Surface	ace		8/25/20	8:45 AM		<			
19 SP5 @ 1'			8/25/20	9:04 AM	<	<			
20 SP5 @ 2'	le.	4	8/25/20	9:16 AM					
PLEASE NOTE: Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, 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 client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such balam is based upon any of the above stated reasons or otherwise.	bility and client's exclusive remedy for any claim id any other cause whatsoever shall be deemed ntal or consequental damages, including without performance of services hereunder by Cardinal.	arising whether based in contract or waived unless made in writing and re limitation, business interruptions, loss regardless of whether such claim is b	's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the sex whatsever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the ental damages, including without limitation, business interruptions, loss of ties or loss of profits incurred by client, its subsidiant services freedurder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.	by the client for the completion of the applent of the applent, its subsidiaries, one of otherwise.	icable				
Relinquished By:	_	Received By:		Phone Result:	□ Ye	Š			
an P	St. Shull	100	Renson	REMARKS:					
Relinquished By:	Date: Re	Received By:							
	Time:								

Sample Condition
Cool Intact
Yes Yes
No No

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

Released to Imaging: 9/22/2021 8:47:15 AM

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

יייייייייייייייייייייייייייייייייייייי							-			Q						ANALYSIS	~	S	IJ	П О	RECHEST	'n	: ª				_
Project Manager: Cliff Brunson							ण	P.O. #:	#	- 1					-	-	7	_ ;	1	- ;	9	7		7	4	\dashv	
Address: P.O. Box 805							C	Company:	pan		OXY																
City: Hobbs State: NM	Zip:		88241	7			D	Attn:		F	'n																
Phone #: 575-397-6388 Fax #: 575-397-0397	397	-03	97				D	Address:	ഗ്																		
Project #: Project Owner: Oxy	Š	~					С	City:																			
Project Name: Copperhead 18-1 SWD (8-10-20)							()	State:	••		Zip:																
Project Location: LEA COUNTY, NM							ס	Phone #:	e #																		
Sampler Name: Simon Rendon							Į,	Fax #:																			
		_		3	MATRIX	×	ŀ	꾸	₹ES	PRESERV.	SAMPLING	G															
Lab I.D. Sample I.D.	OR (C)OMP	TAINERS	NDWATER	WATER		F				20.00					XT												
	EC 107	# CON			SOIL OIL	SLUDO	OTHE	ACID/E	ICE / C	OTHER	DATE	TIME	CL	BTEX	TPH												
_	ര	<i>i</i>				-	_	_	-			9:45 AM	^	<	<	1	┪	_	- 1	╅		1	1	1	+	+	
22 SP6 @ 1'		-							-		8/25/20 1	10:04 AM	<	<	<		1	_		1					+	+	
24 SP6 @ 2'											8/25/20 1	10:10 AM	<					4		+					+	+	
24 SP6 @ 3'	none and a				materia						8/25/20 1	10:38 AM	<					4		+					-	+	
25 SP7 @ Surface		_							Contraction of the last		8/25/20 1	11:05 AM	<	<	<		T	_		+		\top			+	+	
26 SP7 @ 1				-	-				-		8/25/20 1	11:19 AM	<	<	۷		П			\dashv					+	+	
27 SP7 @ 2'											8/25/20 1	11:36 AM	<				\neg	_		7		7			+	+	
V									-		8/25/20 1	11:54 AM	<	<	<					\dashv					+	+	
@									-		8/25/20 1	12:47 PM	<	<	۷					7					-	+	
SP8 @ 2'	4			Α.	«				+		8/25/20 1	1:05 PM	<	<	<												
T-LEASE NOTE: Liability and Damages. Cardinat's liability and clients exclusive remedy for any claim arising whether based in contract or for, shall be limited to the amount paid by the client for the analyses. All claims noulding those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal writin 30 days after competion of the applicable service. In no event shall Cardinal be liable for incidental or corsequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	claim a imed w thout li	arising valved imitati	whet unles on, bu	ner bar s mad siness	sed in e in wr	contra iting ai	ct or to nd rec , loss	ort, sha elved I of use	all be by Ca	imited idinal	to the amount paid b within 30 days after o rofits incurred by clie	y the client for the a completion of the a	applicab	ē		ł	- 1	- I	- 1	ŀ		1	L		ŀ	ŀ	L
Relinquished By: Detail	Rec	eive	d E	y:	er suc	n ciain	Soa	sed ut	on an	y of th	ceived By: Phone Res	Phone Result:	ਜ	□ Yes	□ No	Add'l	Pho	ne #									1
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1	7	7	5	•		2		7	>	5	Fax Result:		□ Yes	□ No	Add'I Fax #:	Fax	# 3									
Relinquished By:	Received By:	e V	and the	X/C	6	L	7	7	6	6	ST.	REMARKS:															
Time:																											
Delivered By: (Circle One)			S	a m	O el	ondi	ğ		CHEC		(ED BY:																
Sampler - UPS - Bus - Other: 4,46 # 113	On			Yes Yes	Yes TYes	₹ act	is \			13	ias																
	ľ	L	L	Ļ	ō	Z	°	l		Y	11																_

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST (405)

Company Name: BBC International, Inc.		BILL TO	70	120		1		ANALYSIS		REQUEST	EST	
Project Manager: Cliff Brunson		P.O. #:		\dashv	\dashv	\exists			- 1	4		
Address: P.O. Box 805		Company: OXY										
City: Hobbs State: NM 2	Zip: 88241											
Phone #: 575-397-6388 Fax #: 575-3	575-397-0397	Address:										
Project #: Project Owner: Oxy		City:										
Project Name: Copperhead 18-1 SWD (8-10-20)		State: Zip:										
Project Location: LEA COUNTY, NM		#										
Sampler Name: Simon Rendon		Fax #:										
FOR LAB USE ONLY	MATRIX	PRESERV.	SAMPLING									
Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	CL CL	BTEX	трн ехт						
3) SP8 @ 3'	طح	3 1	_	₽	\	<			4	+	1	
32 SP9 @ Surface	_	8/2	8/25/20 1:40 PM	ĭ <	<u>\</u>	<						
SP9 @ 1'		8/2	8/25/20 1:52 PM	No.	·	· <						
<u> </u>		8/2	8/25/20 2:03 PM	ĭ <	` <	<			4	-		
_		8/2	8/25/20 2:12 PM	× ×		-				-		
SP10 @ Surface		8/2	8/25/20 2:23 PM	×	` <	<						
_		8/2	8/25/20 2:37 PM	× ×	<u> </u>	<u> </u>						
38 SP10 @ 2'		8/2	8/25/20 2:49 PM	Mc We					4			
SP11 @ Surface			8/25/20 3:00 PM	×	<u> </u>	٠						
PLEASE NOTE: Liability and Damages Cardinal's liability and client's exclusive remedy for any		8/2	8/25/20 3:12 PM	× ×	<	<				H		
The New York I would not be amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be defined waived unless made in writing and received by Cardinal writin 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 client, its subsidiaries, affiliaties or successors arising out of or related to the performance of services hereurder by Caddinal regardless of whether such plain is been upon any of the observations arising out of or related to the performance of services hereurder by Caddinal regardless of whether such plain is been upon any of the observations arising out of or related to the performance of services hereurder by Caddinal regardless of whether such plain is been upon any of the observations.	's exclusive remety for any claim arising whether based in contract or ise whatsoever shall be deemed walved unless made in rupting and it ental damages, including without limitation, business interruptions, los services hereunder by Cardinal regardless of whether such plain is a	or fort, shall be limited to the amount paid by the client for to received by Cardinal within 30 days after completion of the loss of use, or loss of profits incurred by client, its busidant is based into a new of the based area.	amount paid by the cl 0 days after complete curred by client, its s	ient for the on of the applusidiaries.	cable							
Relinquished By: Date: 126/126/12	Received By:		Phon.	Phone Result:	□ Yes	res 🗆		Add'l Phone #:	hone #:			
0: 15	Regeived By:	AM.	REMARKS:	RKS:	9		No	Add'l Fax #:	**			
Time:												
Delivered By: (Circle One)		n CHECKED BY:	34:									
Sampler - UPS - Bus - Other: 777	☐ Yes ☐ Yes	The state of the s										

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST (5 45)

Company Name: BBC International, Inc.	BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:	
Address: P.O. Box 805	Company: OXY	
City: Hobbs State: NM Zip: 88241		
Phone #: 575-397-6388 Fax #: 575-397-0397	Address:	
Project #: Project Owner: Oxy	City:	
Project Name: Copperhead 18-1 SWD (8-10-20)	State: Zip:	
Project Location: LEA COUNTY, NM	#	
Sampler Name: Simon Rendon	Fax #:	
RS TER	PRESERV. SAMPLING	
(G)RAB OR (C # CONTAINER GROUNDWAT WASTEWATER SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER: DATE	BTEX TPH EXT
SP11 @ 2'	3	
DIRACE MATERIAL AND ANALYSIS OF THE STATE OF		
T-LEASE IVI IE: Librilly and Damages: Cardina's liability and dilent's exclusive renetly for any claim arising whether based in contract or for, that 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 competition of the applicable service. In no event shall Cardinal be liable for modernal or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.	In arising whether based in contract or tort, shall be limited to the amount paid by the client for th to waved unless made in writing and received by Cardinal within 30 days after completion of the Limitation, business interruptions, loss of use, or loss of profits normed by client its subsidiarie (regardless of whether such claim is based upon any of the above stated reasons or otherwise.	ppplicable 5,
Relinquished By: Date 100 M Received By: Time: 1, 2	Phone Result: Fax Result: REMARKS:	It:
Relimquisned By: Date: Received By:		
Sampler - UPS - Bus - Other: 4,42 # 113 Cool Intact Co	ittion CHECKED BY:	



USGS Home Contact USGS Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:		Geographic Area:		
Groundwater	~	New Mexico	~	GO

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

Search Results -- 1 sites found

Agency code = usgs site_no list =

• 321236103350101

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 321236103350101 24S.33E.17.444414

Lea County, New Mexico Latitude 32°12'36", Longitude 103°35'01" NAD27 Land-surface elevation 3,573 feet above NAVD88

This well is completed in the Ogallala Formation (1210GLL) local aquifer.

Output formats

Table of dat	: <u>a</u>									
Tab-separat	ed data									
<u>Graph of da</u>	<u>ta</u>									
Reselect pe	<u>riod</u>									
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 measure
1986-03-1	1		o 97.37	,			2		J	

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	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	Α	Approved for publication Processing and review completed.

Questions about sites/data? Feedback on this web site Automated retrievals <u>Help</u> Data Tips
Explanation of terms Subscribe for system changes **News**

Accessibility

Plug-Ins

FOIA

Privacy

Policies and Notices

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: 2020-08-13 12:15:58 EDT

0.29 0.26 nadww01



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	NRM2023462122
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.

	The state of the s
Photographs of the remediated site prior to backfill or photos of must be notified 2 days prior to liner inspection)	of the liner integrity if applicable (Note: appropriate OCD District office
Laboratory analyses of final sampling (Note: appropriate ODC	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 a should their operations have failed to adequately investigate and remhuman health or the environment. In addition, OCD acceptance of a compliance with any other federal, state, or local laws and/or regulat restore, reclaim, and re-vegetate the impacted surface area to the con accordance with 19.15.29.13 NMAC including notification to the OC Printed Name: Wade Dittrich	nediate contamination that pose a threat to groundwater, surface water, C-141 report does not relieve the operator of responsibility for tions. The responsible party acknowledges they must substantially additions that existed prior to the release or their final land use in
OCD Only	
Received by: Robert Hamlet	Date: 9/22/2021
	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: Robert Hamlet	Date: _9/22/2021
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 33662

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	33662
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Creat	ed By	Condition	Condition Date
rhaml	et	We have received your closure report and final C-141 for Incident #NRM2023462122 COPPERHEAD18-1 SWD, thank you. This closure is approved.	9/22/2021