

Closure Report

INCIDENT ID #nMLB0936537176

Site Description

Site Name:	TWO MARKS 36 STATE #001
Company:	Oxy USA, Inc.
Legal Description:	U/L M, S36, T21S, R24E
County:	Eddy
GPS Coordinates:	32.4301414, -104.4580154

Release Data

Date of Release:	11/24/2009
Type of Release:	Produced water
Source of Release:	Dump valve on tank
Volume of Release:	20 bbls water
Volume Recovered:	6 bbls water

Remediation Specifications

Remediation Parameters:	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no paperwork existed for verification therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet .	
Remediation Activities:	2010	
Plan Sent to OCD:		
OCD Approval of Plan:		
Plan Sent to BLM:		
BLM Approval of Plan:		

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Closure photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report	
Notifications	8/3/2022	

Request for Closure

Based on the completion of the remediation plan, Oxy requests closure approval from NMOCD.

Cliff P. Brunson
President, BBC International, Inc.

10/14/2022

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nMLB0936537176
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.

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
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities


I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 8-30-22
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: OCD Date: 10/14/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 2/22/2023
Printed Name: Ashley Maxwell Title: Environmental Specialist

From: [Cliff Brunson](#)
To: ["Enviro. OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); [Kathy Sweeney](#)
Subject: OXY - Two Marks 36 St #1 Battery (nMLB0936537176) - Sampling Notification
Date: Wednesday, August 3, 2022 5:38:00 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Two Marks 36 St #1 Battery (nMLB0936537176) on Friday, August 5, 2022 at 9:30 a.m.

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com



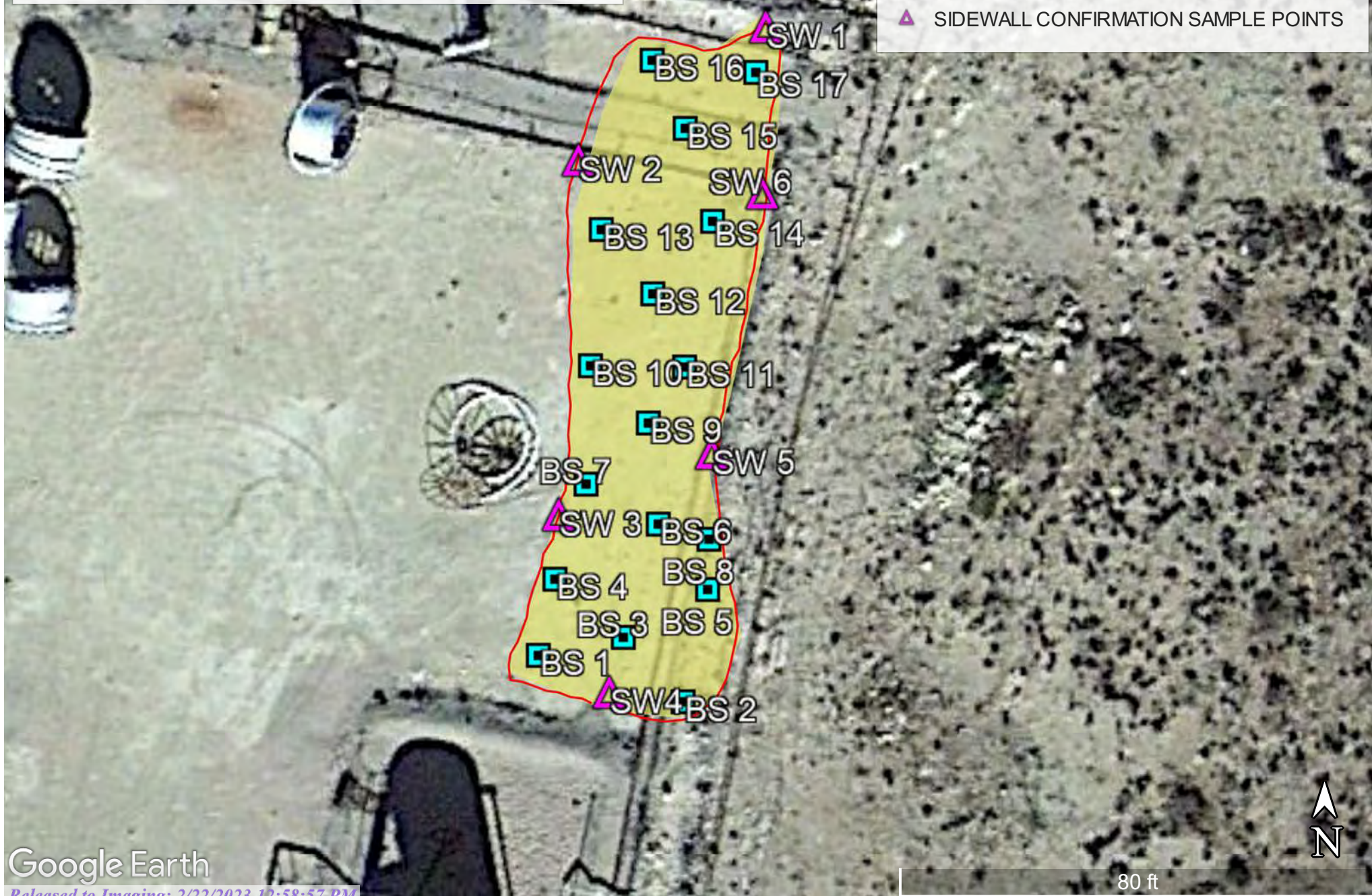
Confidentiality Notice: This electronic transmission (and any attached documents) is intended only for the person(s) to whom it is addressed and may contain information that is privileged, confidential, or otherwise protected from disclosure. If you have received this transmission in error, please immediately notify the sender by e-mail or by telephone call to (575) 397-6388 for handling instructions. Any disclosure or distribution of the contents of this transmission by anyone other than the named recipient(s) is strictly prohibited.

OXY-TWO MARK STATE 36 CTB SWD

LEAK DATE : 11/24/2009
ID#nMLB0936537176
EDDY CO, NM

Legend

- 4' excavation
- BOTTOM CONFIRMATION SAMPLE POINTS
- Leak Area
- SIDEWALL CONFIRMATION SAMPLE POINTS



OXY- TWO MARKS STATE 36 CTB SWD (11/24/09)

SAMPLE DATE (8/5/22)

BS 1 @ 4'	N 32.42934	W-104.45811
BS 2 @ 4'	N 32.42930	W-104.45800
BS 3 @ 4'	N 32.42936	W-104.45805
BS 4 @ 4'	N 32.42932	W-140.45804
BS 5 @ 4'	N 32.42936	W-104.45796
BS 6 @ 4'	N 32.42940	W-104.45801
BS 7 @ 4'	N 32.42944	W-104.45805
BS 8 @ 4'	N 32.42943	W-104.45795
BS 9 @ 4'	N 32.42948	W-104.45801
BS 10 @ 4'	N 32.42947	W-104.45809
BS 11 @ 4'	N 32.42947	W-104.45795
BS 12 @ 4'	N 32.42951	W-104.45799
BS 13 @ 4'	N 32.42956	W-104.45802
BS 14 @ 4'	N 32.42456	W-104.45793
BS 15 @ 4'	N 32.42957	W-104.45798
BS 16 @ 4'	N 32.42960	W-104.45801
BS 17 @ 4'	N 32.42959	W-104.45793

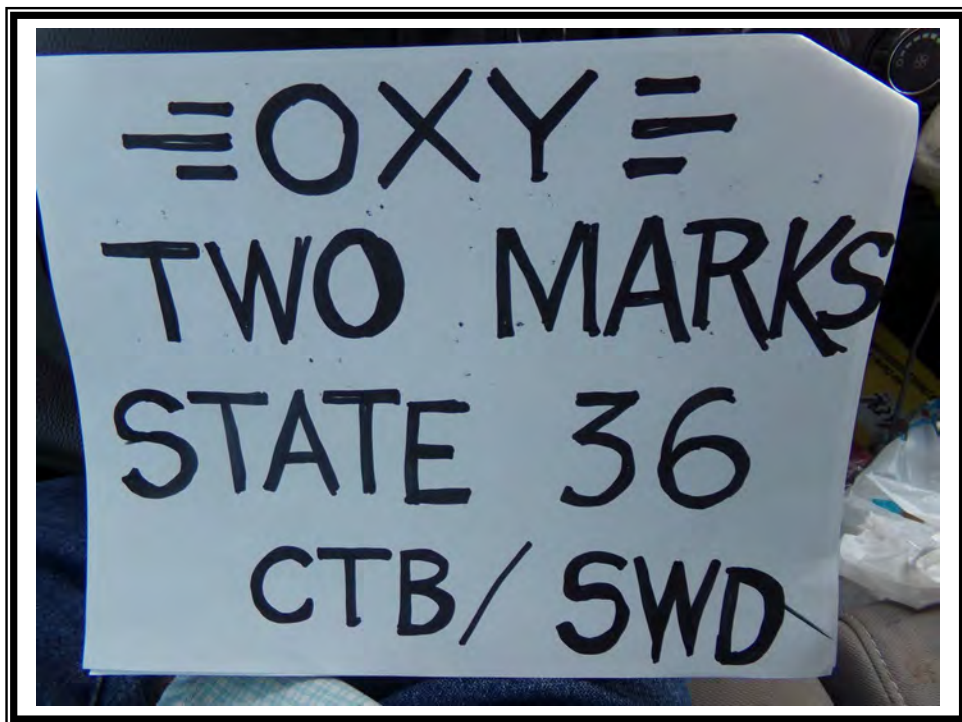
SW 1	N 32.42962	W-104.45791
SW 2	N 32.42952	W-104.45805
SW 3	N 32.42942	W-104.45805
SW 4	N 32.42942	W-104.45808
SW 5	N 32.42939	W-104.45798
SW 6	N 32.42950	W-104.45794

	Sample ID	BS 1 @ 4'	BS 2 @ 4'	BS 3 @ 4'	BS 4 @ 4'	BS 5 @ 4'	BS 6 @ 4'	BS 7 @ 4'	BS 8 @ 4'	BS 9 @ 4'	BS10@ 4'	BS 11 @ 4'	BS12 @ 4'	BS13 @ 4'	BS14 @ 4'	BS15 @ 4'	BS16 @ 4'	BS17 @ 4'
Analyte	Date	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	0.053	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		64.0	80.0	48.0	64.0	48.0	64.0	32.0	48.0	48.0	32.0	16.0	32.0	32.0	32.0	32.0	16.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	12.2	<10.0	<10.0	<10.0	16.2	31.8	32	28.9	36.2	48.8	52.3	39.3	39.1	35.7	72.5	24.9
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	14.9	11.9	10.7	16.9	26.2	27.6	17.7	19.6	15.6	33.9	14.5

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6
Analyte	Date	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22	8/5/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	0.066	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		16.0	16.0	16.0	32.0	16.0	16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		15.3	19.7	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

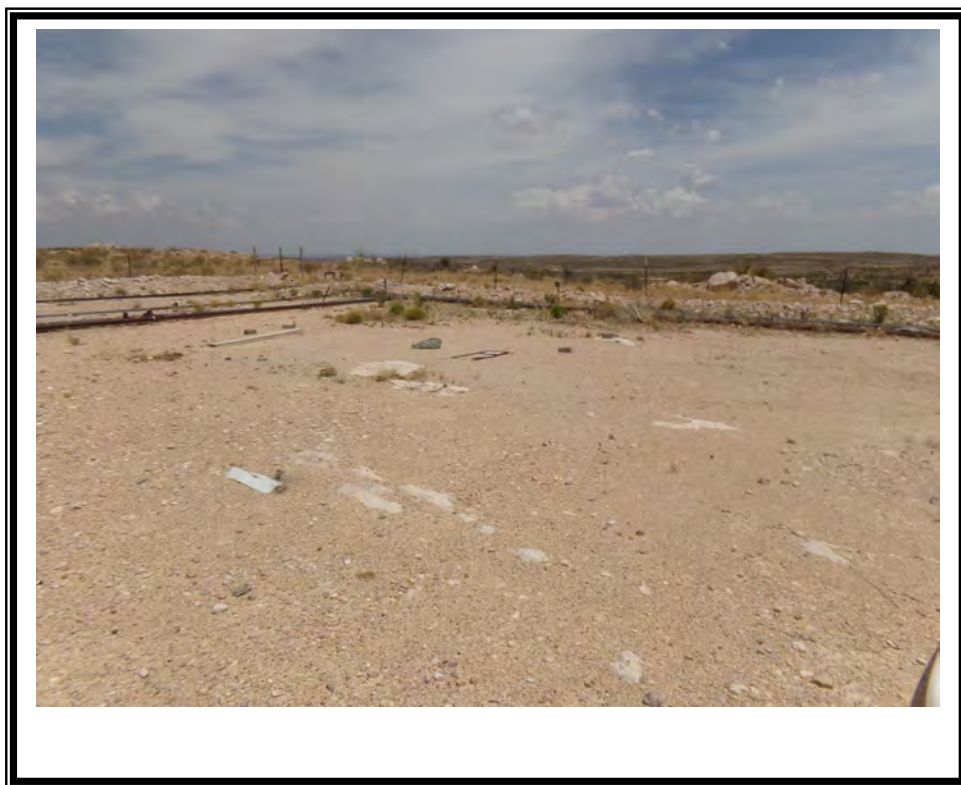


OXY- TWO MARKS 36 STATE #001 (11/24/2009)





OXY- TWO MARKS 36 STATE #001 (11/24/2009)





OXY- TWO MARKS 36 STATE #001 (11/24/2009)





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

August 17, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: TWO MARKS STATE 36 CTB SWD

Enclosed are the results of analyses for samples received by the laboratory on 08/11/22 16:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 1 @ 4' (H223675-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65	
Toluene*	<0.050	0.050	08/16/2022	ND	2.02	101	2.00	2.38	
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81	
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99	
Total BTEX	<0.300	0.300	08/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/16/2022	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 43-149

Surrogate: 1-Chlorooctadecane 92.7 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 2 @ 4' (H223675-02)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65		
Toluene*	<0.050	0.050	08/16/2022	ND	2.02	101	2.00	2.38		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99		
Total BTX	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/16/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	12.2	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 43-149

Surrogate: 1-Chlorooctadecane 94.5 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 3 @ 4' (H223675-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65		
Toluene*	<0.050	0.050	08/16/2022	ND	2.02	101	2.00	2.38		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99		
Total BTEx	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	08/16/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 43-149

Surrogate: 1-Chlorooctadecane 82.8 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 4 @ 4' (H223675-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65		
Toluene*	<0.050	0.050	08/16/2022	ND	2.02	101	2.00	2.38		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99		
Total BTX	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/16/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 43-149

Surrogate: 1-Chlorooctadecane 90.4 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 5 @ 4' (H223675-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65		
Toluene*	0.053	0.050	08/16/2022	ND	2.02	101	2.00	2.38		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99		
Total BTEx	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	08/16/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	12.5	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 90.5 % 43-149

Surrogate: 1-Chlorooctadecane 90.2 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 6 @ 4' (H223675-06)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65		
Toluene*	<0.050	0.050	08/16/2022	ND	2.02	101	2.00	2.38		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99		
Total BTEX	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/16/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	16.2	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 43-149

Surrogate: 1-Chlorooctadecane 80.9 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 7 @ 4' (H223675-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65		
Toluene*	<0.050	0.050	08/16/2022	ND	2.02	101	2.00	2.38		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99		
Total BTX	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	31.8	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	14.9	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 43-149

Surrogate: 1-Chlorooctadecane 99.2 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 8 @ 4' (H223675-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65		
Toluene*	<0.050	0.050	08/16/2022	ND	2.02	101	2.00	2.38		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99		
Total BTX	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

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	08/16/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	32.0	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	11.9	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 43-149

Surrogate: 1-Chlorooctadecane 96.9 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 9 @ 4' (H223675-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65		
Toluene*	<0.050	0.050	08/16/2022	ND	2.02	101	2.00	2.38		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99		
Total BTEx	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	08/16/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	28.9	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	10.7	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 43-149

Surrogate: 1-Chlorooctadecane 94.7 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 10 @ 4' (H223675-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65		
Toluene*	<0.050	0.050	08/16/2022	ND	2.02	101	2.00	2.38		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99		
Total BTEx	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	36.2	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	16.9	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 43-149

Surrogate: 1-Chlorooctadecane 81.7 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 11 @ 4' (H223675-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65		
Toluene*	<0.050	0.050	08/16/2022	ND	2.02	101	2.00	2.38		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99		
Total BTEx	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/16/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	48.8	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	26.2	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 86.3 % 43-149

Surrogate: 1-Chlorooctadecane 92.9 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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: 08/11/2022
 Reported: 08/17/2022
 Project Name: TWO MARKS STATE 36 CTB SWD
 Project Number: (11/24/09)
 Project Location: NEW MEXICO

Sampling Date: 08/05/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 12 @ 4' (H223675-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	2.09	105	2.00	2.65		
Toluene*	<0.050	0.050	08/16/2022	ND	2.02	101	2.00	2.38		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.98	99.1	2.00	2.81		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	6.12	102	6.00	2.99		
Total BTEx	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/16/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	52.3	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	27.6	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 95.3 % 43-149

Surrogate: 1-Chlorooctadecane 103 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 13 @ 4' (H223675-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2022	ND	1.92	96.0	2.00	0.379		
Toluene*	<0.050	0.050	08/15/2022	ND	2.00	100	2.00	0.309		
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.88	93.8	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/15/2022	ND	5.84	97.4	6.00	0.483		
Total BTEX	<0.300	0.300	08/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2022	ND	432	108	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	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	39.3	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	17.7	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 166 % 43-149

Surrogate: 1-Chlorooctadecane 176 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 14 @ 4' (H223675-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2022	ND	1.92	96.0	2.00	0.379		
Toluene*	<0.050	0.050	08/15/2022	ND	2.00	100	2.00	0.309		
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.88	93.8	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/15/2022	ND	5.84	97.4	6.00	0.483		
Total BTEx	<0.300	0.300	08/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	39.1	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	19.6	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 43-149

Surrogate: 1-Chlorooctadecane 92.6 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 15 @ 4' (H223675-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2022	ND	1.92	96.0	2.00	0.379		
Toluene*	<0.050	0.050	08/15/2022	ND	2.00	100	2.00	0.309		
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.88	93.8	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/15/2022	ND	5.84	97.4	6.00	0.483		
Total BTEx	<0.300	0.300	08/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	35.7	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	15.6	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 77.8 % 43-149

Surrogate: 1-Chlorooctadecane 81.2 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 16 @ 4' (H223675-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2022	ND	1.92	96.0	2.00	0.379		
Toluene*	<0.050	0.050	08/15/2022	ND	2.00	100	2.00	0.309		
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.88	93.8	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/15/2022	ND	5.84	97.4	6.00	0.483		
Total BTEx	<0.300	0.300	08/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/16/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	72.5	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	33.9	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 43-149

Surrogate: 1-Chlorooctadecane 92.8 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 17 @ 4' (H223675-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/15/2022	ND	1.92	96.0	2.00	0.379		
Toluene*	<0.050	0.050	08/15/2022	ND	2.00	100	2.00	0.309		
Ethylbenzene*	<0.050	0.050	08/15/2022	ND	1.88	93.8	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/15/2022	ND	5.84	97.4	6.00	0.483		
Total BTEx	<0.300	0.300	08/15/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/16/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	24.9	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	14.5	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 92.6 % 43-149

Surrogate: 1-Chlorooctadecane 100 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: SIDEWALL 1 (H223675-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	1.92	96.0	2.00	0.379		
Toluene*	<0.050	0.050	08/16/2022	ND	2.00	100	2.00	0.309		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.88	93.8	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	5.84	97.4	6.00	0.483		
Total BTEx	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/16/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	15.3	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 99.0 % 43-149

Surrogate: 1-Chlorooctadecane 106 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: SIDEWALL 2 (H223675-19)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2022	ND	1.92	96.0	2.00	0.379	
Toluene*	<0.050	0.050	08/16/2022	ND	2.00	100	2.00	0.309	
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.88	93.8	2.00	1.32	
Total Xylenes*	<0.150	0.150	08/16/2022	ND	5.84	97.4	6.00	0.483	
Total BTX	<0.300	0.300	08/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	08/16/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	208	104	200	0.694	
DRO >C10-C28*	19.7	10.0	08/15/2022	ND	217	108	200	1.88	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 43-149

Surrogate: 1-Chlorooctadecane 94.8 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: SIDEWALL 3 (H223675-20)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/16/2022	ND	1.92	96.0	2.00	0.379	
Toluene*	<0.050	0.050	08/16/2022	ND	2.00	100	2.00	0.309	
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.88	93.8	2.00	1.32	
Total Xylenes*	<0.150	0.150	08/16/2022	ND	5.84	97.4	6.00	0.483	
Total BTX	<0.300	0.300	08/16/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/16/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	228	114	200	8.17	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	272	136	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 76.3 % 43-149

Surrogate: 1-Chlorooctadecane 86.2 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: SIDEWALL 4 (H223675-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	1.92	96.0	2.00	0.379		
Toluene*	<0.050	0.050	08/16/2022	ND	2.00	100	2.00	0.309		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.88	93.8	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	5.84	97.4	6.00	0.483		
Total BTEx	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/16/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	228	114	200	8.17	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	272	136	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 43-149

Surrogate: 1-Chlorooctadecane 94.5 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: SIDEWALL 5 (H223675-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	1.92	96.0	2.00	0.379		
Toluene*	<0.050	0.050	08/16/2022	ND	2.00	100	2.00	0.309		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.88	93.8	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	5.84	97.4	6.00	0.483		
Total BTEx	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/16/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	228	114	200	8.17	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	272	136	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 43-149

Surrogate: 1-Chlorooctadecane 91.3 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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:	08/11/2022	Sampling Date:	08/05/2022
Reported:	08/17/2022	Sampling Type:	Soil
Project Name:	TWO MARKS STATE 36 CTB SWD	Sampling Condition:	Cool & Intact
Project Number:	(11/24/09)	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: SIDEWALL 6 (H223675-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/16/2022	ND	1.92	96.0	2.00	0.379		
Toluene*	<0.050	0.050	08/16/2022	ND	2.00	100	2.00	0.309		
Ethylbenzene*	<0.050	0.050	08/16/2022	ND	1.88	93.8	2.00	1.32		
Total Xylenes*	<0.150	0.150	08/16/2022	ND	5.84	97.4	6.00	0.483		
Total BTEx	<0.300	0.300	08/16/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/16/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/15/2022	ND	228	114	200	8.17	
DRO >C10-C28*	<10.0	10.0	08/15/2022	ND	272	136	200	17.6	
EXT DRO >C28-C36	<10.0	10.0	08/15/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 43-149

Surrogate: 1-Chlorooctadecane 101 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager

**CARDINAL LABORATORIES**
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST
 Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson

 Address: P.O. Box 805
 City: Hobbs

 State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397

Project #: Project Owner:

 Project Name: TWO MARKS STATE 36 CTB SWD (11/24/09)
 Project Location: New Mexico

Sampler Name: SIMON

FOR LAB USE ONLY

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D. Sample I.D.

11A034075

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BTEX	TPH EXT
1	BOTTOM SAMPLE 1 @ 4'						8/5/22	9:35AM	✓	✓	✓
2	BOTTOM SAMPLE 2 @ 4'						8/5/22	9:53AM	✓	✓	✓
3	BOTTOM SAMPLE 3 @ 4'						8/5/22	10:12AM	✓	✓	✓
4	BOTTOM SAMPLE 4 @ 4'						8/5/22	10:29AM	✓	✓	✓
5	BOTTOM SAMPLE 5 @ 4'						8/5/22	10:42AM	✓	✓	✓
6	BOTTOM SAMPLE 6 @ 4'						8/5/22	10:58AM	✓	✓	✓
7	BOTTOM SAMPLE 7 @ 4'						8/5/22	11:12AM	✓	✓	✓
8	BOTTOM SAMPLE 8 @ 4'						8/5/22	11:25AM	✓	✓	✓
9	BOTTOM SAMPLE 9 @ 4'						8/5/22	11:38AM	✓	✓	✓
10	BOTTOM SAMPLE 10 @ 4'						8/5/22	11:52AM	✓	✓	✓

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:

Date: 8-11-22

Received By:

Relinquished By:

Date: 8-11-22

Received By:

Delivered By: (Circle One)

Date: 8-11-22

Received By:

Sampler - UPS - Bus - Other:

Date: 8-11-22

Received By:

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

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



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: TWO MARKS STATE 36 CTB SWD (11/24/09)

Project Location: New Mexico

Sampler Name: SIMON

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H033075 21 22 23	SIDEWALL 4											Chloride BTX TPH EXT
	SIDEWALL 5											
	SIDEWALL 6											

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon claim of the above stated reasons or otherwise.

Relinquished By:

Date: 8-11-22 Received By:

Time: 8:00 AM

Date: 8-11-22

Time: 1:00 PM

Received By:

Time: 1:00 PM

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

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

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

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

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
District IV
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 151045

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 151045
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/22/2023