

Closure Report

INCIDENT ID#nAPP2328350431

Site Description

Site Name:	NORTH HOBBS SAT 19 CO2
Company:	Oxy USA, Inc.
Legal Description:	U/L K, Section 19, T18S, R38E
County:	Lea County, NM
GPS Coordinates:	N 32.72926,W -103.18844

Release Data

Date of Release:	10/9/2023
Type of Release:	PRODUCED WATER
Source of Release:	Injection flow line leak
Volume of Release:	20 BBLS
Volume Recovered:	0 BBLS

Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP 1 ,SP 10, SP 9 and SP 6, (PURPLE shade on diagram) was excavated to a depth of 3' feet.The leak area near SP 3,SP 8 (GREEN shade on diagram) was excavated to a depth of 2' feet .The area near SP 2, SP 4 SP 5 and SP 7 (YELLOW shade on diagram) required zero remediation. OXY collected bottom and sidewall confirmation samples every 200 square feet.
Remediation Activities:	12/12/24-1/28/25

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	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for 1/15/25,1/16/25 ,1/23/25	
Notifications	1/13/2025	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

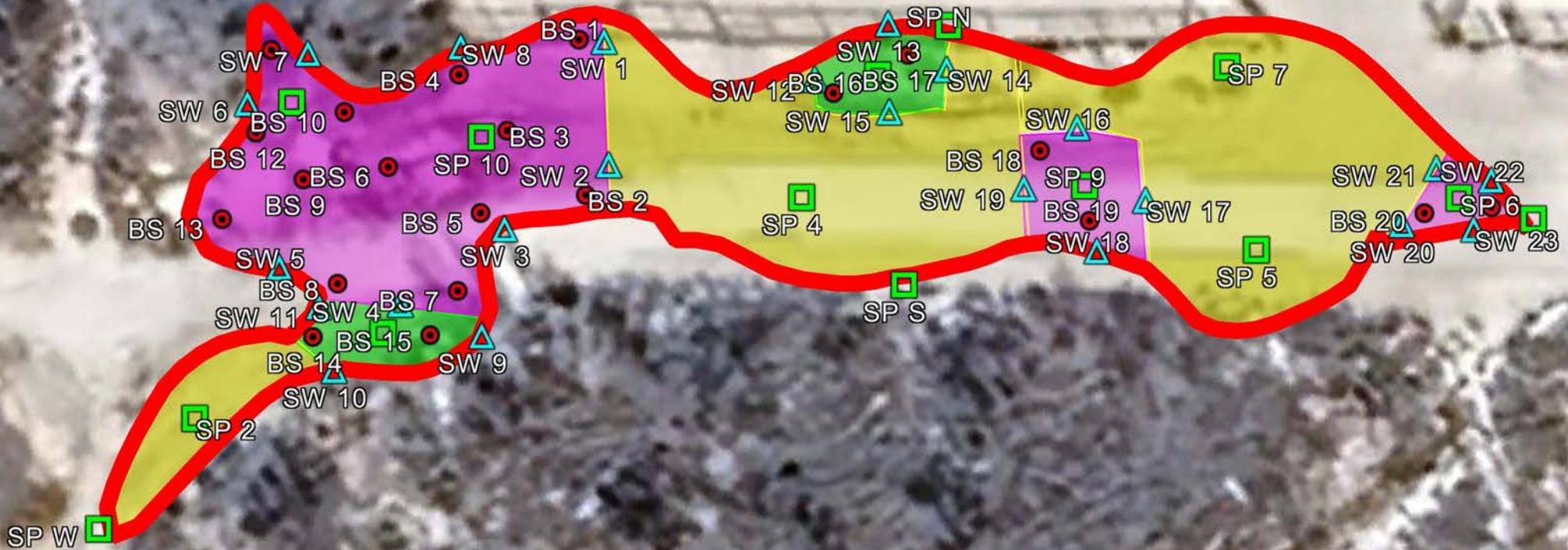
1/31/2025

OXY, NORTH HOBBS SAT 19 CO2

LEAK DATE: 10-9-23
LEA COUNTY, NM
ID #: nAPP2328350431

Legend

- 2' excavation
- 3' excavation
- BS (Bottom Confirmation Sample)
- ⬮ Leak Area
- SP (Delineation Sample)
- ▲ SW (Sidewall Confirmation Sample)
- Zero remediation



Google Earth



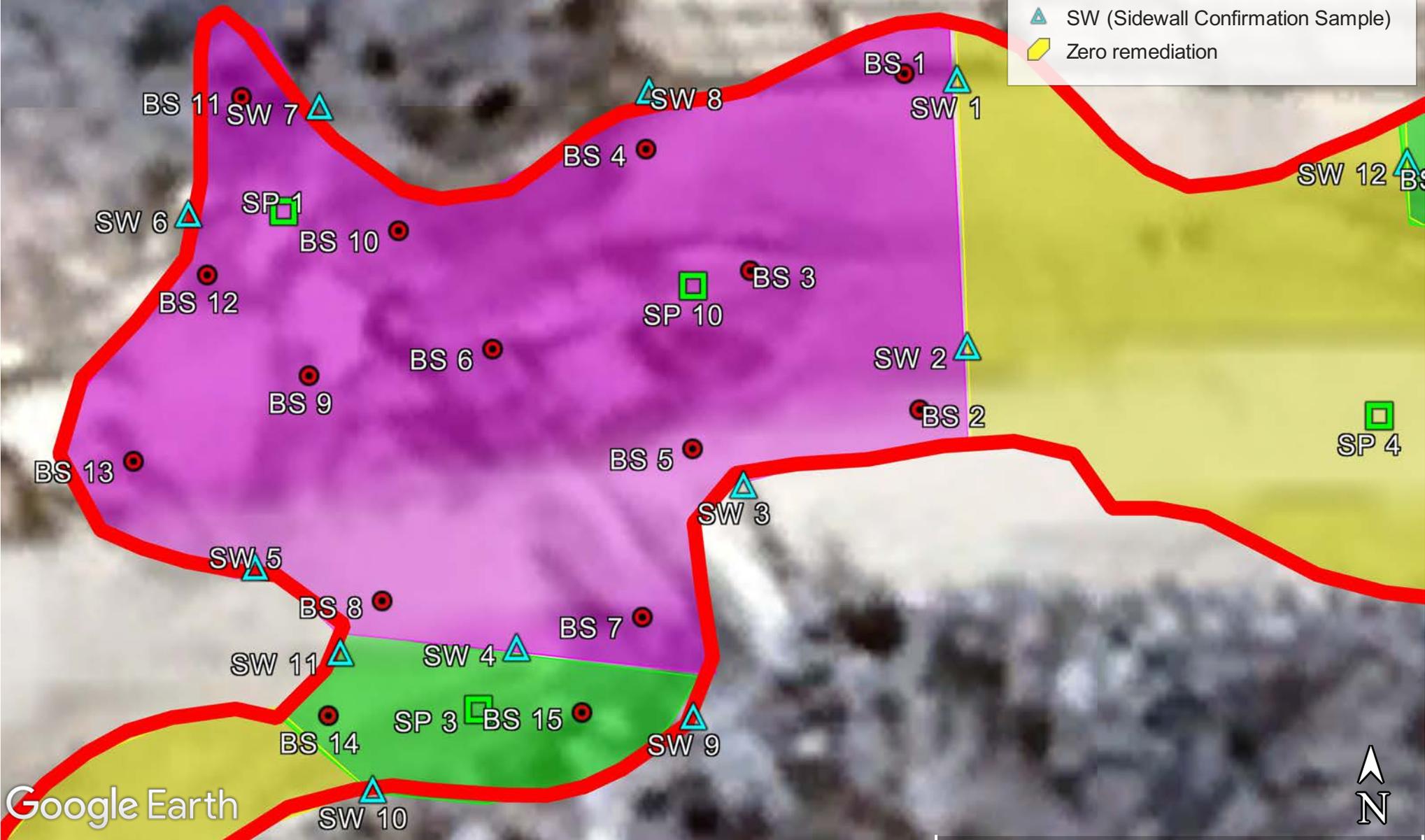
90 ft

OXY, NORTH HOBBS SAT 19 CO2

LEAK DATE: 10-9-23
LEA COUNTY, NM
ID #: nAPP2328350431

Legend

- 2' excavation
- 3' excavation
- BS (Bottom Confirmation Sample)
- ⊗ Leak Area
- SP (Delineation Sample)
- ▲ SW (Sidewall Confirmation Sample)
- Zero remediation



Google Earth

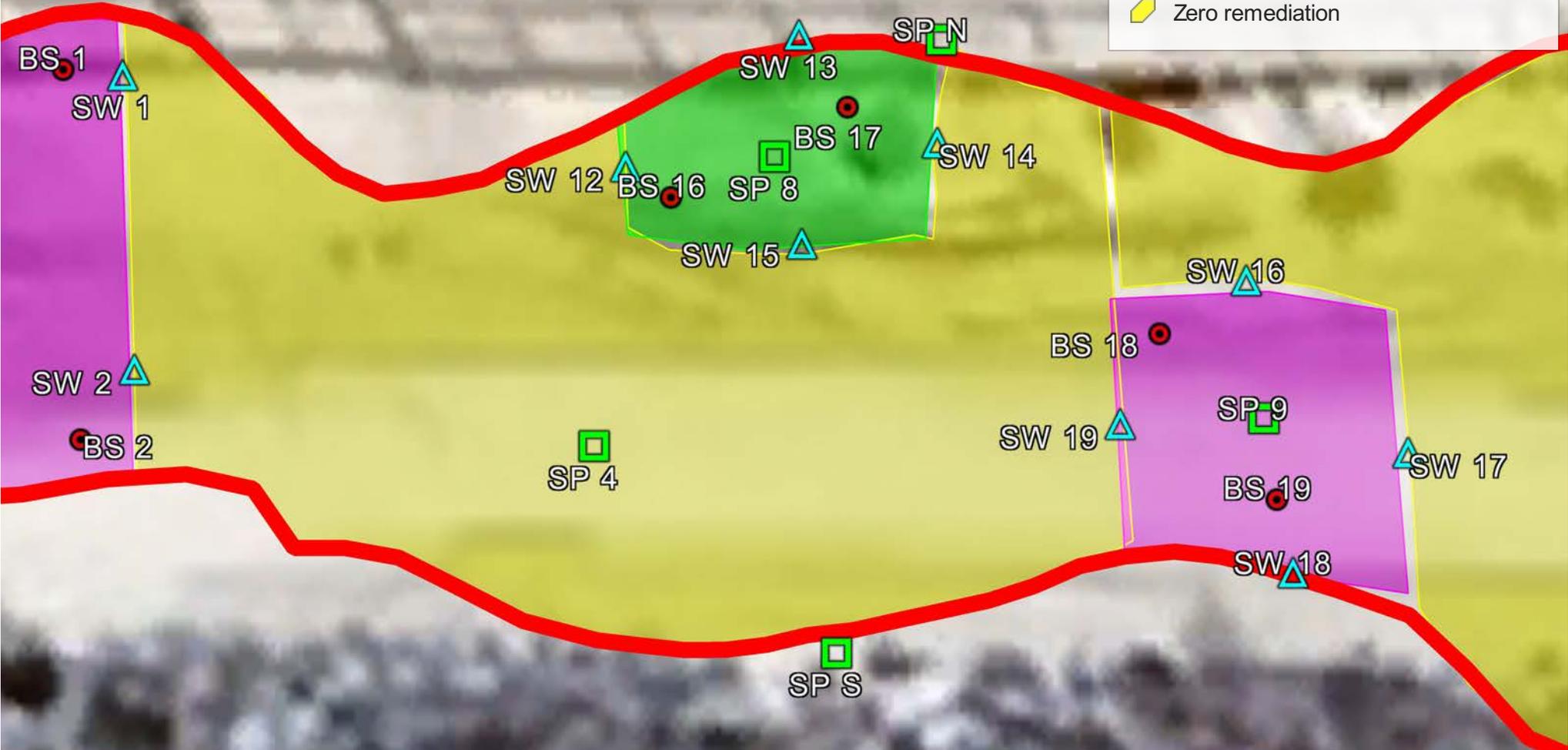


OXY, NORTH HOBBS SAT 19 CO2

LEAK DATE: 10-9-23
LEA COUNTY, NM
ID #: nAPP2328350431

Legend

-  2' excavation
-  3' excavation
-  BS (Bottom Confirmation Sample)
-  Leak Area
-  SP (Delineation Sample)
-  SW (Sidewall Confirmation Sample)
-  Zero remediation



Google Earth

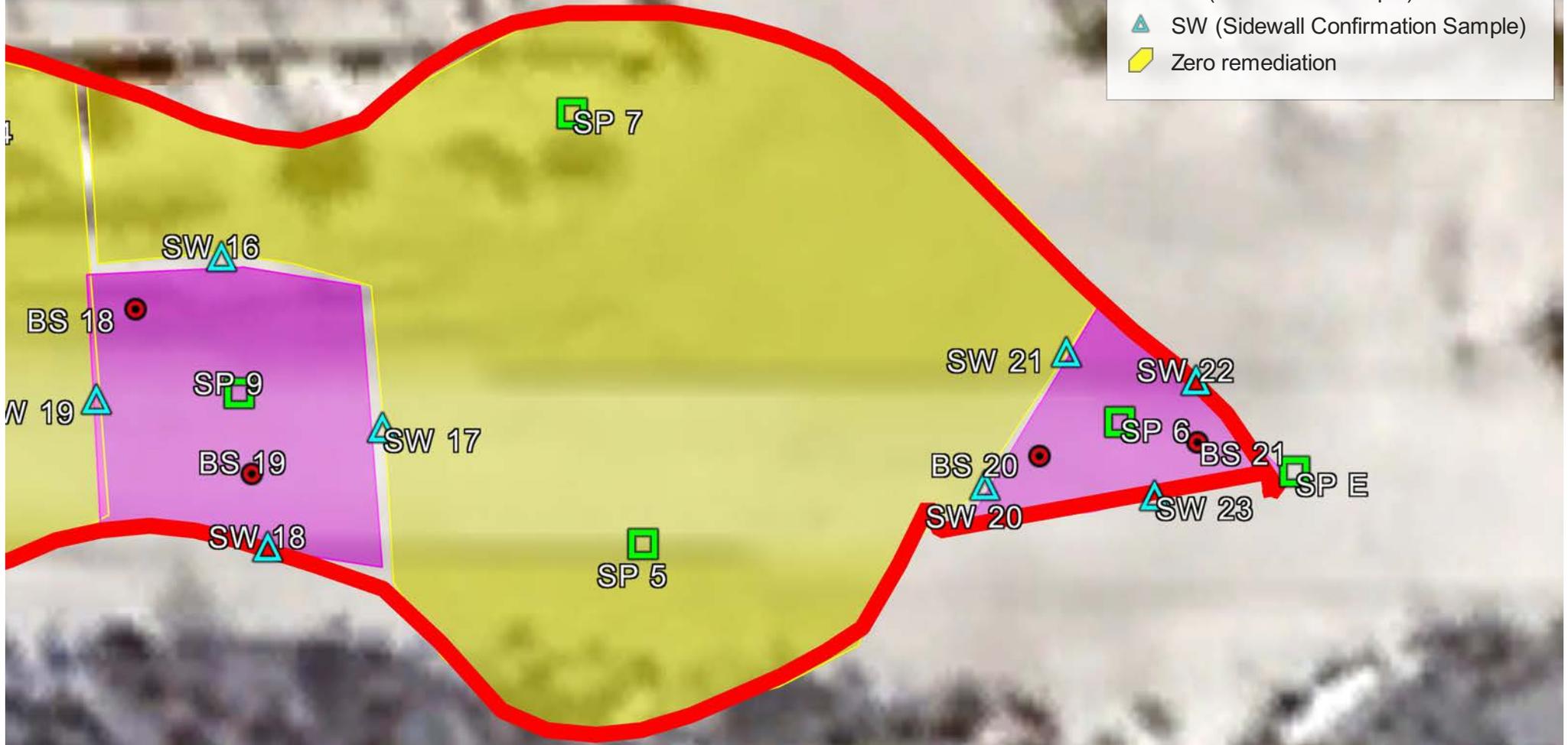


OXY, NORTH HOBBS SAT 19 CO2

LEAK DATE: 10-9-23
LEA COUNTY, NM
ID #: nAPP2328350431

Legend

-  2' excavation
-  3' excavation
-  BS (Bottom Confirmation Sample)
-  Leak Area
-  SP (Delineation Sample)
-  SW (Sidewall Confirmation Sample)
-  Zero remediation



Google Earth


 40 ft

OXY,NORTH HOBBS SAT 19 CO2 (10/9/23) SAMPLE DATES : 01/15/25 , 01/16/25

BOTTOM SAMPLES POINTS

BS 1@3'	N 32.726309	W-103.188451
BS 2@3'	N 32.729234	W-103.188447
BS 3@3'	N 32.729265	W-103.188492
BS 4@3'	N 32.729292	W-103.188519
BS 5@3'	N 32.729226	W-103.188507
BS 6@3'	N 32.729248	W-103.188560
BS 7@3'	N 32.729183	W-103.188520
BS 8@3'	N 32.729192	W-103.188589
BS 9@3'	N 32.729253	W-103.188617
BS 10@3'	N 32.729274	W-103.188585
BS 11@3'	N 32.729304	W-103.188627
BS 12@3'	N 32.729264	W-103.188636
BS 13@3'	N 32.729223	W-103.188656
BS 14@2'	N 32.729166	W-103.188604
BS 15@2'	N 32.729167	W-103.188536
BS 16@2'	N 32.729284	W-103.188305
BS 17@2'	N 32.729302	W-103.188262
BS 18@3'	N 32.729256	W-103.188186
BS 19@3'	N 32.729222	W-103.188158
BS 20@3'	N 32.729226	W-103.187965
BS 21@3'	N 32.729228	W-103.187927

SIDEWALL SAMPLE POINTS

SW 1	N 32.729308	W-103.188437
SW 2	N 32.729248	W-103.188434
SW 3	N 32.729217	W-103.188494
SW 4	N 32.729181	W-103.188554
SW 5	N 32.729199	W-103.188624
SW 6	N 32.729278	W-103.188641
SW 7	N 32.729302	W-103.188606
SW 8	N 32.729305	W-103.188519
SW 9	N 32.729166	W-103.188507
SW 10	N 32.729149	W-103.188592
SW 11	N 32.729180	W-103.188601
SW 12	N 32.729290	W-103.188316
SW 13	N 32.729316	W-103.188274
SW 14	N 32.729294	W-103.188240
SW 15	N 32.729274	W-103.188273

SW 16	N 32.729266	W-103.188165
SW 17	N 32.729231	W-103.188126
SW 18	N 32.729207	W-103.188154
SW 19	N 32.729237	W-103.188196
SW 20	N 32.729219	W-103.187979
SW 21	N 32.729247	W-103.187959
SW 22	N 32.729241	W-103.187927
SW 23	N 32.729217	W-103.187938

OXY, NORTH HOBBS SAT 19 CO2 (10/9/23) SAMPLE DATES 12/3/24 TO 12/4/24

SP N	N 32.729315	W-103.188240
SP E	N 32.729222	W-103.187903
SP W	N 32.729072	W-103.188728
SP S	N 32.729167	W-103.188254

SP 1	N 32.729278	W-103.188616
SP 2	N 32.729126	W-103.188673
SP 3	N 32.729167	W-103.188564
SP 4	N 32.729232	W-103.188324
SP 5	N 32.729207	W-103.188063
SP 6	N 32.729232	W-103.187946
SP 7	N 32.729296	W-103.188080
SP 8	N 32.729292	W-103.188280
SP 9	N 32.729238	W-103.188161
SP 10	N 32.729262	W-103.188507

	Sample ID	BS 1@3'	BS 2@3'	BS 3@3'	BS 4@3'	BS 5@3'	BS 6@3'	BS 7@3'	BS 8@3'	BS 9@3'	BS 10@3'	BS 11@3'	BS 12@3'	BS 13@3'	BS 14@3'	BS 15@3'	BS 16@3'	BS 17@3'	BS 18@3'
Analyte	Date	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25	1/15/25
		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	<0.050
Toluene		<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	<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	<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	<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	<0.300
Chloride		144.0	224.0	256.0	192.0	240.0	240.0	192.0	208.0	192.0	208.0	192.0	208.0	176.0	192.0	192.0	208.0	160.0	144.0
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	<10.0
DRO		<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	<10.0
EXT DRO		<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	<10.0

	Sample ID	BS 19@3'	BS 20@3'	BS 21@3'
Analyte	Date	1/15/25	1/15/25	1/15/25
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		160.0	192.0	224.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14	SW 15	SW 16	SW 17	SW 18
Analyte	Date	1/15/25	1/15/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25
		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	<0.050
Toluene		<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	<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	<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	<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	<0.300
Chloride		144.0	128.0	160.0	128.0	176.0	128.0	160.0	112.0	112.0	64.0	64.0	80.0	112.0	144.0	144.0	160.0	160.0	192.0
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	<10.0
DRO		<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	<10.0
EXT DRO		<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	<10.0

	Sample ID	SW 19	SW 20	SW 21	SW 22	SW 23
Analyte	Date	1/16/25	1/16/25	1/16/25	1/16/25	1/16/25
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		160.0	160.0	176.0	176.0	192.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SP N	SP E	SP W	SP S
Analyte	Date	12/3/24	12/3/24	12/3/24	12/3/24
		mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300
Chloride		16.0	32.0	16.0	16.0
GRO		<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0

	Sample ID	SP 1@SURFACE	SP 1@1'	SP 1@2'
Analyte	Date	12/3/24	12/3/24	12/3/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		192.0	416.0	624.0
GRO		<10.0	<10.0	<10.0
DRO		41.3	<10.0	<10.0
EXT DRO		33.5	18	<10.0

	Sample ID	SP 2@SURFACE	SP 2@1'	SP 2@2'
Analyte	Date	12/3/24	12/3/24	12/3/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		16.0	112.0	80.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0

	Sample ID	SP 3@SURFA CE	SP 3@1'	SP 3@2'
Analyte	Date	12/3/24	12/3/24	12/3/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		48.0	1070.0	512.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0

	Sample ID	SP 4@SURFA CE	SP 4@1'	SP 4@2'
Analyte	Date	12/3/24	12/3/24	12/3/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		48.0	64.0	464.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0

	Sample ID	SP 5@SURFA CE	SP 5@1'	SP 5@2
Analyte	Date	12/3/24	12/3/24	12/3/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		64.0	112.0	144.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0

	Sample ID	SP 6@SURFA CE	SP 6@1'	SP 6@2
Analyte	Date	12/4/24	12/4/24	12/4/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		128.0	48.0	48.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	83.2	39.6
EXT DRO		<10.0	145	87

	Sample ID	SP 7@SURFA CE	SP 7@1'	SP 7@2
Analyte	Date	12/4/24	12/4/24	12/4/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		32.0	16.0	32.0
GRO		<10.0	<10.0	<10.0
DRO		10.7	<10.0	<10.0
EXT DRO		29.6	<10.0	<10.0

	Sample ID	SP 8@SURFA CE	SP 8@1'	SP 8@2
Analyte	Date	12/4/24	12/4/24	12/4/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		16.0	<16.0	32.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	38.6	<10.0
EXT DRO		<10.0	87.7	<10.0

	Sample ID	SP 9@SURFA CE	SP 9@1'	SP 9@2
Analyte	Date	12/4/24	12/4/24	12/4/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		1580.0	304.0	80.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	183	40.9
EXT DRO		<10.0	247	93.6

	Sample ID	SP 10@SURF ACE	SP 10@1'	SP 10@2
Analyte	Date	12/4/24	12/4/24	12/4/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		48.0	1120.0	1040.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0

National Flood Hazard Layer FIRMette



103°11'37"W 32°44'1"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- | | | |
|------------------------------------|--|--|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
<i>Zone A, V, A99</i> |
| | | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i> |
| | | Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i> |
| | | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | | Area with Flood Risk due to Levee <i>Zone D</i> |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard <i>Zone D</i> |
| | | Channel, Culvert, or Storm Sewer |
| OTHER FEATURES | | Levee, Dike, or Floodwall |
| | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| MAP PANELS | | 17.5 Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| | | Profile Baseline |
| | | Hydrographic Feature |
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |
| | | The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location. |



1:6,000

103°11'W 32°43'30"N

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/22/2025 at 7:00 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

OXY, NORTH HOBBS SAT 19 CO2

LEAK DATE : 10/09/23
LEA COUNTY ,NM
ID#nAPP2328350431

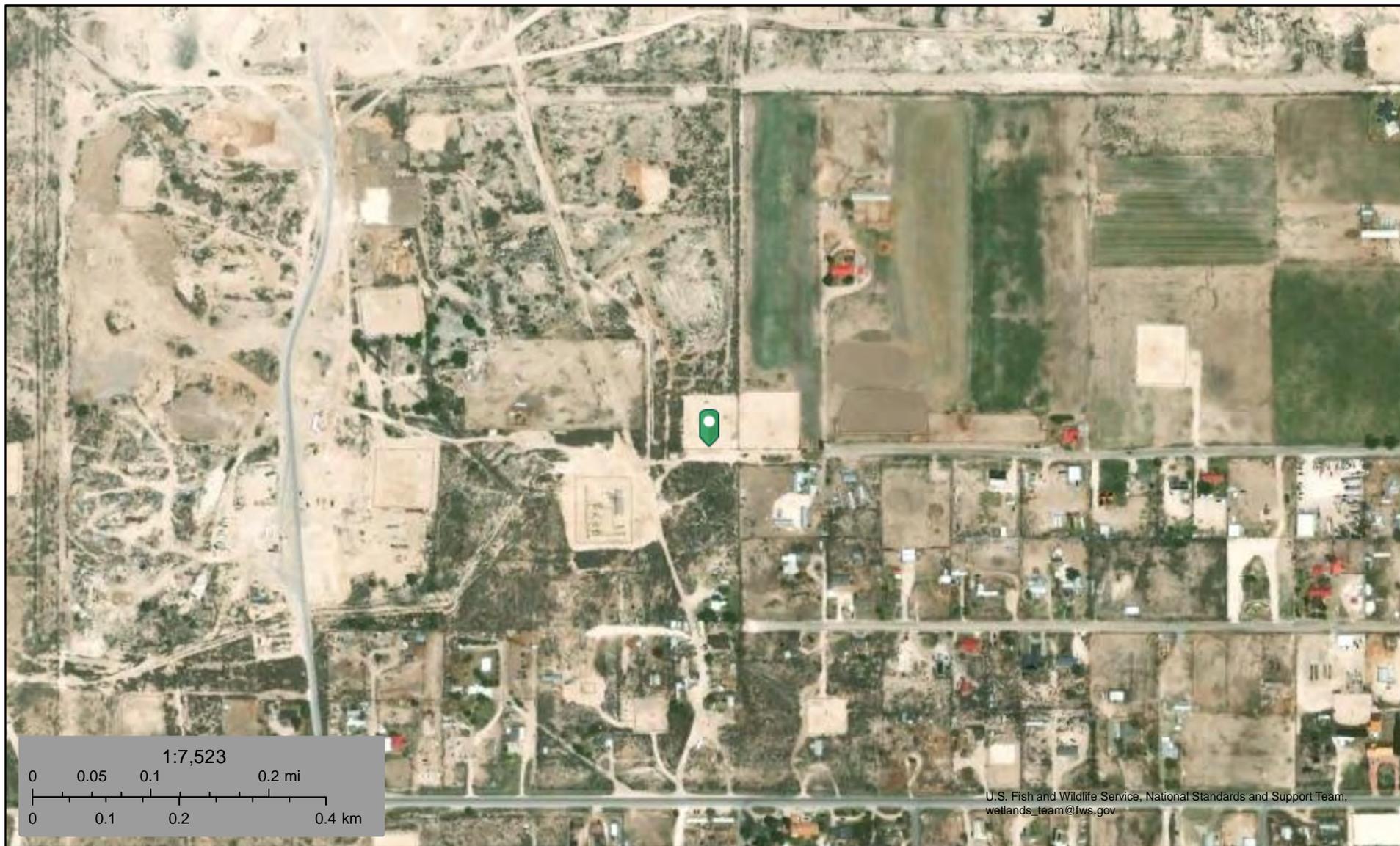
Legend

- 2' excavation
- 3' excavation
- Leak Area
- Low
- Zero remediation



Google Earth





U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

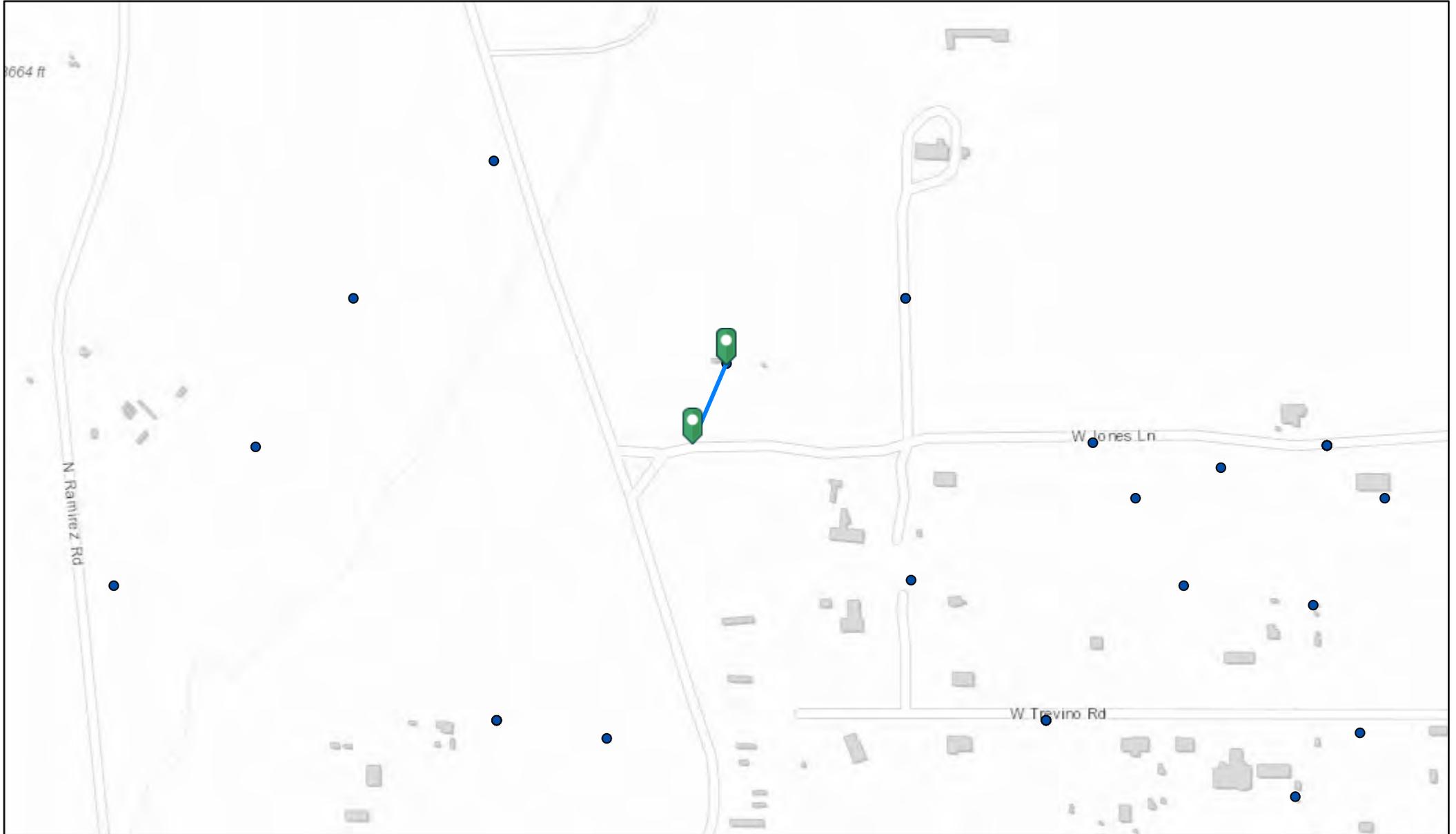
January 22, 2025

Wetlands

- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

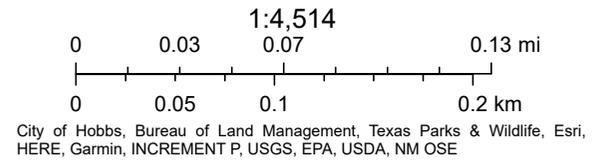
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

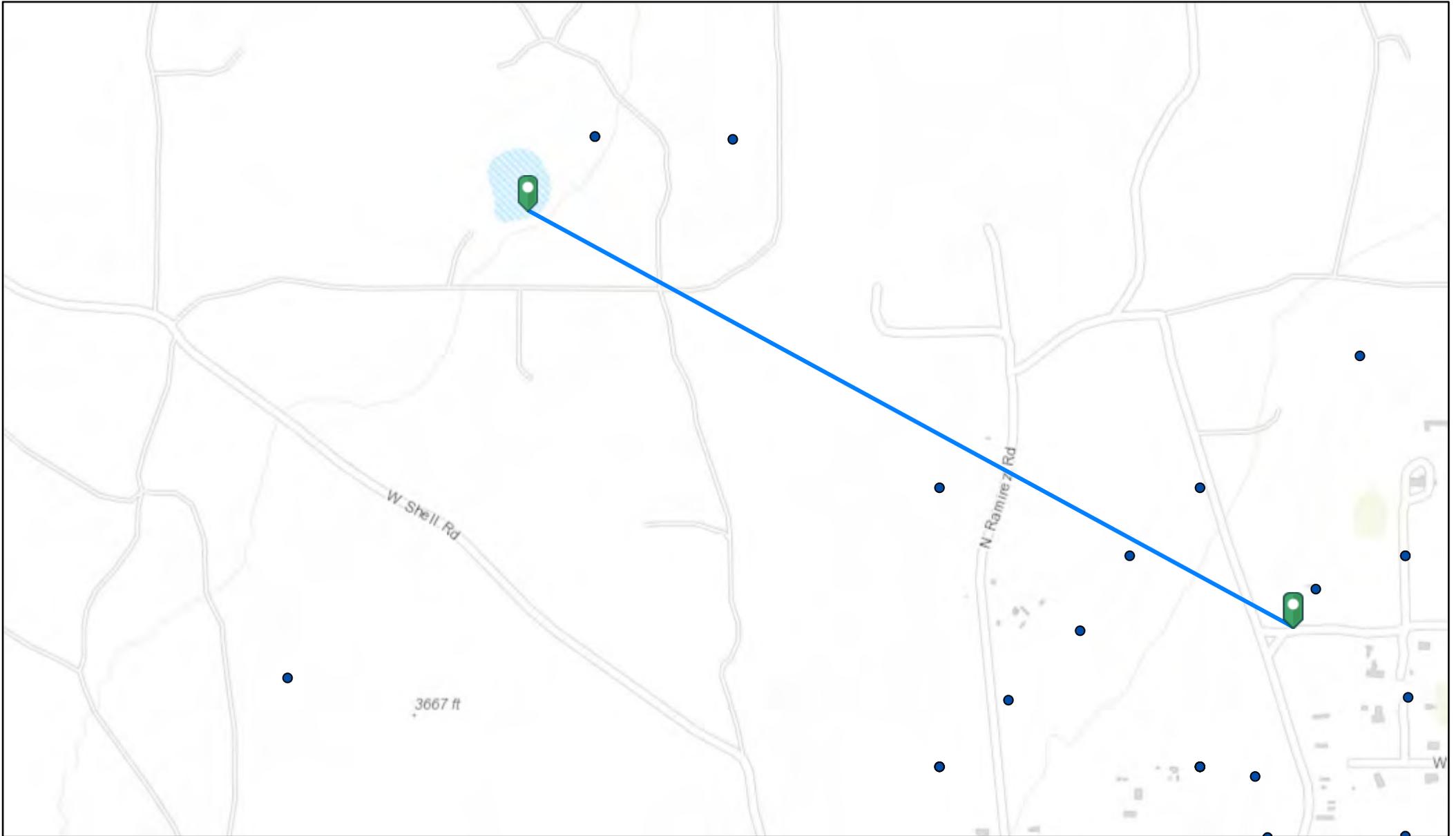
OXY, NORTH HOBBS SAT 19 CO2 (10/9/23) 203.9 FEET OR 0.04 MILES TO WATER POD



1/22/2025, 11:49:45 AM

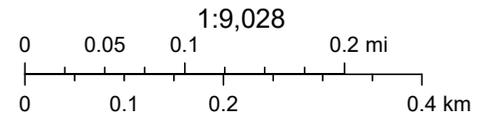
● OSE Water PODs





1/22/2025, 11:54:03 AM

● OSE Water PODs



City of Hobbs, Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METI/NASA, EPA, USDA, NM OSE



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

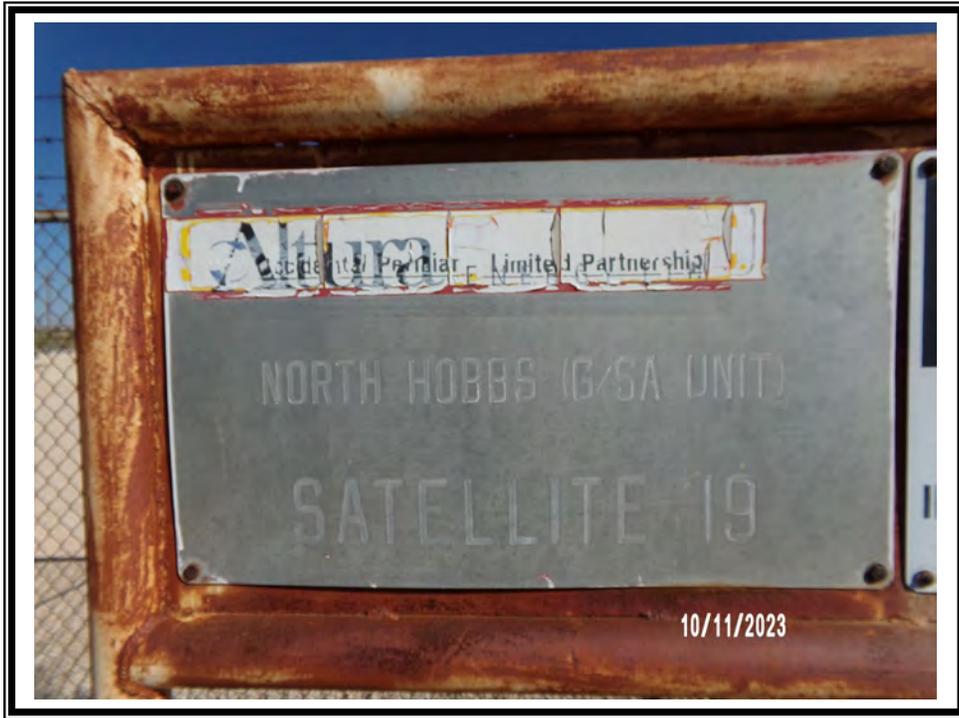
2015 JAN -2 AM 10 21

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) POD 2				OSE FILE NUMBER(S) L 13750				
	WELL OWNER NAME(S) OXY				PHONE (OPTIONAL)				
	WELL OWNER MAILING ADDRESS PO BOX 1747				CITY ADDISON	STATE TX	ZIP 75001-1747		
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE	MINUTES 43	SECONDS 9.53	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND			
	LONGITUDE	103	10	11.08	W	* DATUM REQUIRED: WGS 84			
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SECTION 29 T18S-R38E, LEA COUNTY									
2. DRILLING & CASING INFORMATION	LICENSE NUMBER W-1261	NAME OF LICENSED DRILLER R. DARRELL CRASS				NAME OF WELL DRILLING COMPANY DARRELL CRASS DRILLING CO., INC.			
	DRILLING STARTED 12/22/14	DRILLING ENDED 12/24/14	DEPTH OF COMPLETED WELL (FT) 300	BORE HOLE DEPTH (FT) 300	DEPTH WATER FIRST ENCOUNTERED (FT) N/A				
	COMPLETED WELL IS: <input type="radio"/> ARTESIAN <input checked="" type="radio"/> DRY HOLE <input type="radio"/> SHALLOW (UNCONFINED)					STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A			
	DRILLING FLUID: <input type="radio"/> AIR <input checked="" type="radio"/> MUD ADDITIVES - SPECIFY: SUPER GEL X								
	DRILLING METHOD: <input type="radio"/> ROTARY <input type="radio"/> HAMMER <input type="radio"/> CABLE TOOL <input type="radio"/> OTHER - SPECIFY:								
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)	
	FROM	TO							
	0	20	8"	PVC SCH 40		8"			
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT			
	FROM	TO							
	0	20	8	GROUT	34	POUR			
	20	120	8	HOLE PLUG	34.9	POUR			

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 06/08/2012)	
FILE NUMBER	L-13750	POD NUMBER	2
LOCATION	2-3-3 18S-38E-29	TRN NUMBER	557287
			PAGE 1 OF 2



OXY, NORTH HOBBS SAT 19 CO2 (10/9/23)





OXY, NORTH HOBBS SAT 19 CO2 (10/9/23)





OXY, NORTH HOBBS SAT 19 CO2 (10/9/23)





OXY, NORTH HOBBS SAT 19 CO2 (10/9/23)





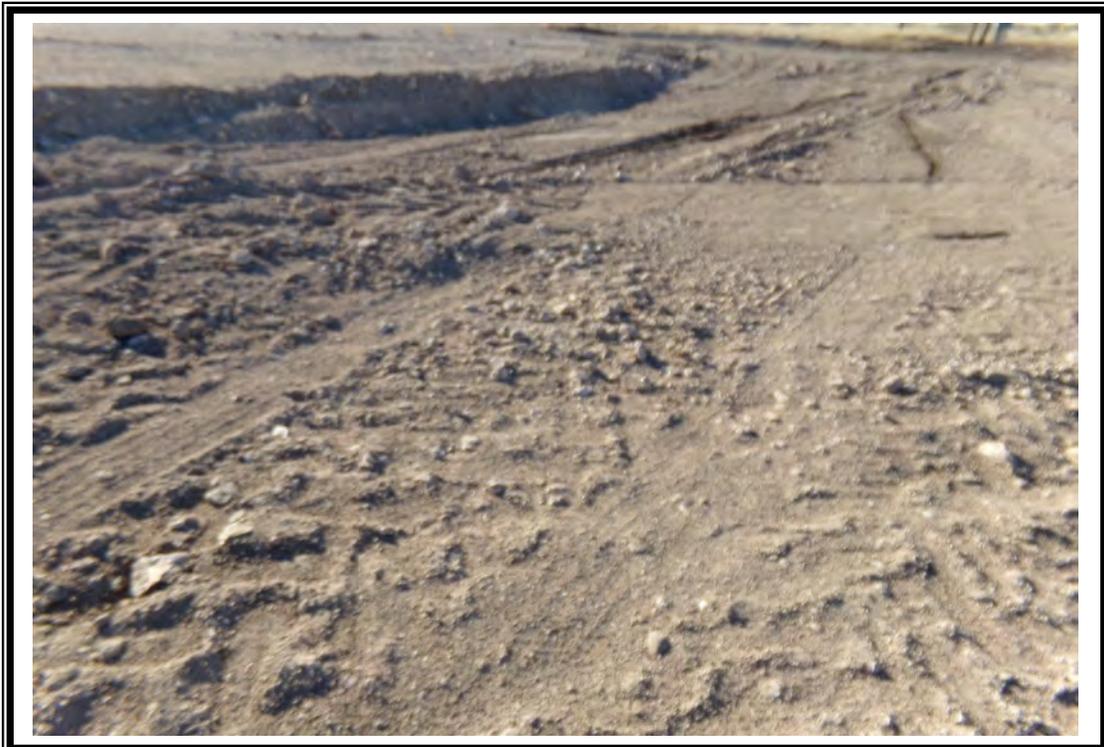
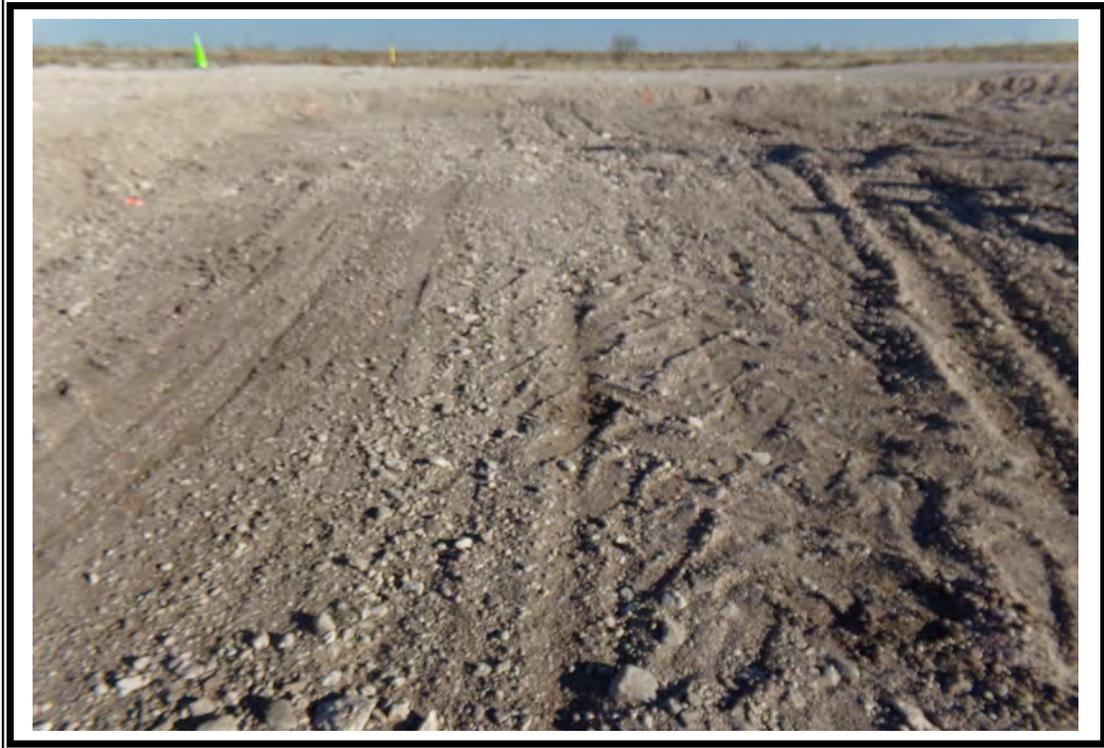
OXY, NORTH HOBBS SAT 19 CO2 (10/9/23)



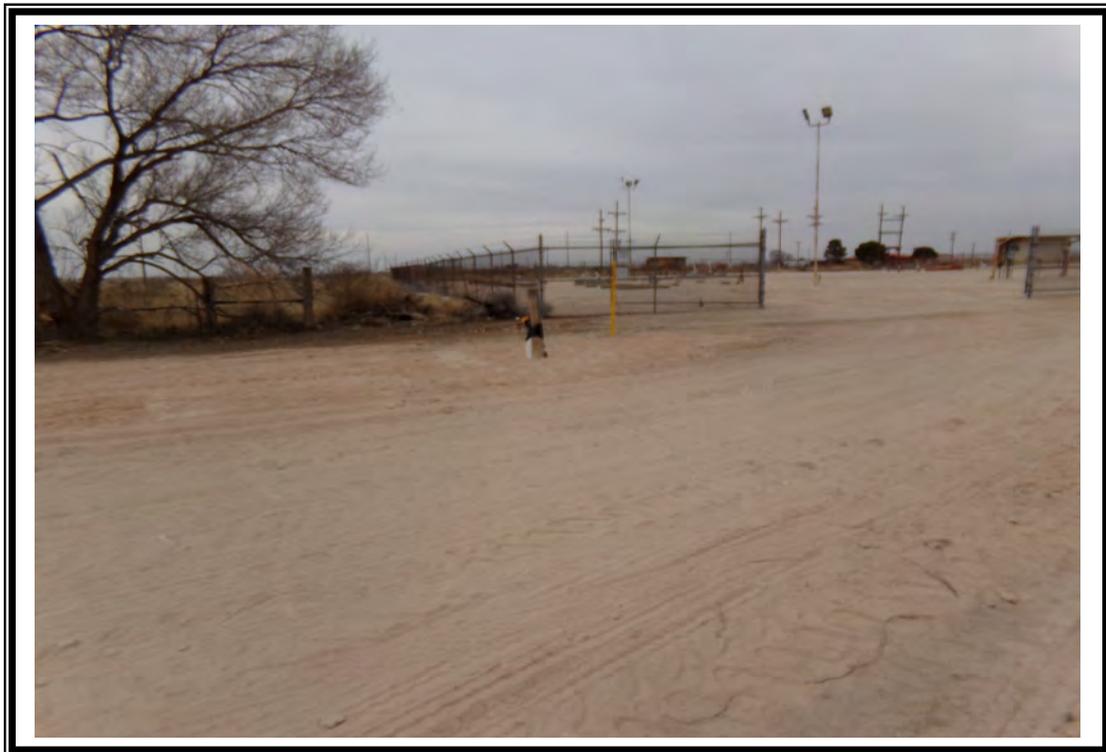
OXY, NORTH HOBBS SAT 19 CO2 (10/9/23)



OXY, NORTH HOBBS SAT 19 CO2 (10/9/23)



OXY, NORTH HOBBS SAT 19 CO2 (10/9/23)



OXY, NORTH HOBBS SAT 19 CO2 (10/9/23)



OXY, NORTH HOBBS SAT 19 CO2 (10/9/23)





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

January 23, 2025

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

RE: NORTH HOBBS SAT 19 CO2

Enclosed are the results of analyses for samples received by the laboratory on 01/17/25 16:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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".

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 1 @ 3' (H250310-01)

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	01/22/2025	ND	1.96	97.8	2.00	1.36	
Toluene*	<0.050	0.050	01/22/2025	ND	2.05	103	2.00	1.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.97	98.4	2.00	1.30	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.78	96.3	6.00	1.69	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 2 @ 3' (H250310-02)

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	01/22/2025	ND	1.96	97.8	2.00	1.36	
Toluene*	<0.050	0.050	01/22/2025	ND	2.05	103	2.00	1.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.97	98.4	2.00	1.30	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.78	96.3	6.00	1.69	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 3 @ 3' (H250310-03)

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	01/22/2025	ND	1.96	97.8	2.00	1.36	
Toluene*	<0.050	0.050	01/22/2025	ND	2.05	103	2.00	1.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.97	98.4	2.00	1.30	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.78	96.3	6.00	1.69	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 4 @ 3' (H250310-04)

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	01/22/2025	ND	1.96	97.8	2.00	1.36	
Toluene*	<0.050	0.050	01/22/2025	ND	2.05	103	2.00	1.39	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	1.97	98.4	2.00	1.30	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	5.78	96.3	6.00	1.69	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 5 @ 3' (H250310-05)

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	01/22/2025	ND	2.10	105	2.00	2.49	
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 69.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 6 @ 3' (H250310-06)

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	01/22/2025	ND	2.10	105	2.00	2.49	
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 7 @ 3' (H250310-07)

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	01/22/2025	ND	2.10	105	2.00	2.49		
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29		
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42		
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND						

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 8 @ 3' (H250310-08)

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	01/22/2025	ND	2.10	105	2.00	2.49	
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 9 @ 3' (H250310-09)

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	01/22/2025	ND	2.10	105	2.00	2.49	
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 61.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.9 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 10 @ 3' (H250310-10)

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	01/22/2025	ND	2.10	105	2.00	2.49	
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 61.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.4 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 11 @ 3' (H250310-11)

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	01/22/2025	ND	2.10	105	2.00	2.49		
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29		
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42		
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND						

Surrogate: 1-Chlorooctane 64.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 12 @ 3' (H250310-12)

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	01/22/2025	ND	2.10	105	2.00	2.49	
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 13 @ 3' (H250310-13)

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	01/22/2025	ND	2.10	105	2.00	2.49		
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29		
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42		
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND						

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 14 @ 2' (H250310-14)

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	01/22/2025	ND	2.10	105	2.00	2.49	
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 15 @ 2' (H250310-15)

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	01/22/2025	ND	2.10	105	2.00	2.49	
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 16 @ 2' (H250310-16)

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	01/22/2025	ND	2.10	105	2.00	2.49	
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 17 @ 2' (H250310-17)

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	01/22/2025	ND	2.10	105	2.00	2.49		
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/22/2025	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	01/22/2025	ND	208	104	200	5.29		
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	193	96.6	200	7.42		
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND						

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 18 @ 3' (H250310-18)

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	01/22/2025	ND	2.10	105	2.00	2.49		
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/22/2025	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	01/21/2025	ND	221	110	200	4.71		
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	220	110	200	8.27		
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND						

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 19 @ 3' (H250310-19)

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	01/22/2025	ND	2.10	105	2.00	2.49		
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/22/2025	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	01/21/2025	ND	221	110	200	4.71		
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	220	110	200	8.27		
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND						

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 20 @ 3' (H250310-20)

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	01/22/2025	ND	2.10	105	2.00	2.49		
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	01/22/2025	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	01/21/2025	ND	221	110	200	4.71		
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	220	110	200	8.27		
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 21 @ 3' (H250310-21)

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	01/22/2025	ND	2.10	105	2.00	2.49		
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	01/22/2025	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	01/21/2025	ND	221	110	200	4.71		
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	220	110	200	8.27		
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 1 (H250310-22)

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	01/22/2025	ND	2.10	105	2.00	2.49		
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	01/22/2025	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	01/21/2025	ND	221	110	200	4.71		
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	220	110	200	8.27		
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND						

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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:	01/17/2025	Sampling Date:	01/15/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Alyssa Parras
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 2 (H250310-23)

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	01/22/2025	ND	2.10	105	2.00	2.49		
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	01/22/2025	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	01/21/2025	ND	221	110	200	4.71		
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	220	110	200	8.27		
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND						

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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

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

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene

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

1643

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc. P.O. #: _____
 Project Manager: Cliff Brunson Company: Oxy
 Address: P.O. Box 805 State: NM Zip: 88241
 City: Hobbs Attn: _____
 Phone #: 575-397-6388 Fax #: 575-397-0397 Address: _____
 Project #: NDETH * Project Owner: Oxy City: _____
 Project Name: WASH HOBBS SAT 19 CO2 (10/9/23) State: Zip: _____
 Project Location: New Mexico Phone #: _____
 Sampler Name: SIMON RENDON Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :											
<u>H350210</u>	BOTTOM SAMPLE 1@3'		1						1/15/25	10:12AM	✓	Chloride								
	BOTTOM SAMPLE 2@3'								1/15/25	10:25AM	✓	BTEX								
	BOTTOM SAMPLE 3@3'								1/15/25	10:41AM	✓									
	BOTTOM SAMPLE 4@3'								1/15/25	10:54AM	✓									
	BOTTOM SAMPLE 5@3'								1/15/25	11:05AM	✓									
	BOTTOM SAMPLE 6@3'								1/15/25	11:17AM	✓									
	BOTTOM SAMPLE 7@3'								1/15/25	11:32AM	✓									
	BOTTOM SAMPLE 8@3'								1/15/25	11:42AM	✓									
	BOTTOM SAMPLE 9@3'								1/15/25	11:54AM	✓									
	BOTTOM SAMPLE 10@3'								1/15/25	12:08PM	✓									

PLEASE NOTE: Liability and Damages: Cardinal's liability and cost's exclusive remedy for any claim arising under this contract or bill, shall be limited to the amount paid by the client for this service. 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 analysis. In no event shall Cardinal be liable for any direct or consequential damages, including without limitation, business interruption, loss of profits, loss of data, or any other loss or damage, whether or not such damages are foreseeable or otherwise, arising out of or in relation to the performance of services rendered by Cardinal, regardless of whether such claim is based on any of the above stated provisions or otherwise.

Relinquished By: _____ Date: 1-17-25
 Time: 8:00AM
 Received By: Simon Rendon
 Date: 1-17-25
 Time: 1:53
 Delivered By: (Circle One) UPS Sample Condition: COOL
 Cooler Intact: Yes
 Sampler - UPS - Bus - Other: 10:02 #145 Checked By: ARS

REMARKS:
 * Customer corrected Brix.
 Name change. to. 1/20/25

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



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

January 23, 2025

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: NORTH HOBBS SAT 19 CO2

Enclosed are the results of analyses for samples received by the laboratory on 01/17/25 16:53.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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".

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 3 (H250311-01)

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	01/22/2025	ND	2.10	105	2.00	2.49		
Toluene*	<0.050	0.050	01/22/2025	ND	2.19	109	2.00	3.95		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.23	111	2.00	4.85		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.76	113	6.00	4.23		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/22/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/21/2025	ND	221	110	200	4.71		
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	220	110	200	8.27		
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 4 (H250311-02)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/22/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 5 (H250311-03)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/22/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 6 (H250311-04)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/22/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 7 (H250311-05)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 8 (H250311-06)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 9 (H250311-07)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 10 (H250311-08)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 11 (H250311-09)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 12 (H250311-10)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 13 (H250311-11)

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	01/22/2025	ND	1.99	99.5	2.00	1.25		
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	01/22/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	221	110	200	4.71		
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	220	110	200	8.27		
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 14 (H250311-12)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 15 (H250311-13)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 16 (H250311-14)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/22/2025	ND	221	110	200	4.71	
DRO >C10-C28*	<10.0	10.0	01/22/2025	ND	220	110	200	8.27	
EXT DRO >C28-C36	<10.0	10.0	01/22/2025	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 17 (H250311-15)

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	01/22/2025	ND	1.99	99.5	2.00	1.25		
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	01/22/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/21/2025	ND	209	104	200	2.05		
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	199	99.7	200	2.06		
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND						

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 18 (H250311-16)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2025	ND	209	104	200	2.05	
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	199	99.7	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 19 (H250311-17)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2025	ND	209	104	200	2.05	
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	199	99.7	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 20 (H250311-18)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2025	ND	209	104	200	2.05	
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	199	99.7	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 21 (H250311-19)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2025	ND	209	104	200	2.05	
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	199	99.7	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 22 (H250311-20)

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	01/22/2025	ND	1.99	99.5	2.00	1.25		
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955		
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25		
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40		
Total BTEX	<0.300	0.300	01/22/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	01/22/2025	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	01/21/2025	ND	209	104	200	2.05		
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	199	99.7	200	2.06		
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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:	01/17/2025	Sampling Date:	01/16/2025
Reported:	01/23/2025	Sampling Type:	Soil
Project Name:	NORTH HOBBS SAT 19 CO2	Sampling Condition:	Cool & Intact
Project Number:	(10/9/23)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 23 (H250311-21)

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	01/22/2025	ND	1.99	99.5	2.00	1.25	
Toluene*	<0.050	0.050	01/22/2025	ND	2.00	99.9	2.00	0.955	
Ethylbenzene*	<0.050	0.050	01/22/2025	ND	2.11	105	2.00	1.25	
Total Xylenes*	<0.150	0.150	01/22/2025	ND	6.22	104	6.00	1.40	
Total BTEX	<0.300	0.300	01/22/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/22/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	01/21/2025	ND	209	104	200	2.05	
DRO >C10-C28*	<10.0	10.0	01/21/2025	ND	199	99.7	200	2.06	
EXT DRO >C28-C36	<10.0	10.0	01/21/2025	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

183

BILL TO

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 #: North 08/20/25 Project Owner: Oxy
 Project Name: NORTH HOBBS SAT 19 CO2 (10/9/23)
 Project Location: New Mexico
 Sampler Name: SIMON RENDON
 P.O. #: Company: Oxy
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH-EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
11850811			1						1/16/25	8:20AM	✓	✓	✓	
	SIDEWALL 3								1/16/25	8:34AM	✓	✓	✓	
	SIDEWALL 4								1/16/25	8:51AM	✓	✓	✓	
	SIDEWALL 5								1/16/25	9:04AM	✓	✓	✓	
	SIDEWALL 6								1/16/25	9:20AM	✓	✓	✓	
	SIDEWALL 7								1/16/25	9:30AM	✓	✓	✓	
	SIDEWALL 8								1/16/25	9:43AM	✓	✓	✓	
	SIDEWALL 9								1/16/25	9:56AM	✓	✓	✓	
	SIDEWALL 10								1/16/25	10:08AM	✓	✓	✓	
	SIDEWALL 11								1/16/25	10:20AM	✓	✓	✓	
	SIDEWALL 12													

PLEASE NOTE: Usually and Damages: Cardinal's liability and client's exclusive remedy for any claim arising from this contract or test, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service to event that Cardinal be held liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, loss of profits, or other damages, shall be limited to the amount paid by the client for the analysis. Loss of profits incurred by client, its subsidiaries, affiliates, or successors arising out of or from and to the performance of services hereunder by Cardinal regardless of whether such claim is based on any of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 1-17-25 Time: 8:00am Received By: [Signature]
 Relinquished By: [Signature] Date: 1-17-25 Time: 10:53 Received By: [Signature]
 Delivered By: (Circle One) UPS 9:40-10:00 Sample Condition: Cool Intact CHECKED BY: [Signature]
 Sampler - UPS - Bus - Other: UPS -10:00-#140 Yes Yes No No

REMARKS: Project name correction per customer. Relinquish 1:30-2:05

† 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

2023

Company Name: BBC International, Inc.		BILL TO		P.O. #:		ANALYSIS REQUEST					
Project Manager: Cliff Brunson		Company: Oxy		Address:							
Address: P.O. Box 805		Attn:		City:							
City: Hobbs		State: NM		Zip: 88241							
Phone #: 575-397-6388		Fax #: 575-397-0397		Project Owner: Oxy							
Project #: <i>North of 3005</i>		Project Name: NORTH-HOBBS SAT 19 CO2 (10/9/23)		State: Zip:							
Project Location: New Mexico		Phone #:		Fax #:							
Sampler Name: SIMON RENDON		FOR LAB USE ONLY									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	BTEX	TPH/EXT
<i>H050311</i>	SIDEWALL 13	<input checked="" type="checkbox"/>		GROUNDWATER			1/16/25	10:34AM	✓	✓	✓
	SIDEWALL 14			WASTEWATER			1/16/25	10:45AM	✓	✓	✓
	SIDEWALL 15			SOIL			1/16/25	11:02AM	✓	✓	✓
	SIDEWALL 16			OIL			1/16/25	11:14AM	✓	✓	✓
	SIDEWALL 17			SLUDGE			1/16/25	11:29AM	✓	✓	✓
	SIDEWALL 18			OTHER :			1/16/25	11:42AM	✓	✓	✓
	SIDEWALL 19			ACID/BASE:			1/16/25	11:54AM	✓	✓	✓
	SIDEWALL 20			ICE / COOL			1/16/25	12:45PM	✓	✓	✓
	SIDEWALL 21			OTHER :			1/16/25	1:02PM	✓	✓	✓
	SIDEWALL 22						1/16/25	1:14PM	✓	✓	✓

PLEASE NOTE: Liability and Damages. Customers liability and claims 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 data, 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. Cardinal's liability shall be limited to the amount of the above stated retention or otherwise.

Relinquished By: *[Signature]* Date: *1-17-25* Time: *8:00 AM*

Received By: *[Signature]* Date: *1-17-25* Time: *10:53*

Delivered By: (Circle One) *UPS* *Bus* *Other*

Sample Condition: Cool Intact

Checked By: *[Signature]*

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

REMARKS: *Project name correction per customer. Reanalyzing 1:30:25*

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



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

December 11, 2024

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

RE: NHU SAT #19

Enclosed are the results of analyses for samples received by the laboratory on 12/05/24 16:55.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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".

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP N@SUR (H247414-01)

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	12/06/2024	ND	1.98	99.1	2.00	1.45		
Toluene*	<0.050	0.050	12/06/2024	ND	1.97	98.3	2.00	2.73	GC-NC	
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	1.90	95.0	2.00	2.46		
Total Xylenes*	<0.150	0.150	12/06/2024	ND	5.67	94.5	6.00	2.52		
Total BTEX	<0.300	0.300	12/06/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/06/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	199	99.5	200	2.73		
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	197	98.5	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND						

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP E@SUR (H247414-02)

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	12/06/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/06/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/06/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	199	99.5	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	197	98.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP W@SUR (H247414-03)

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	12/06/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/06/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/06/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	199	99.5	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	197	98.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP S@SUR (H247414-04)

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	12/06/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/06/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/06/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	199	99.5	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	197	98.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 1@SUR (H247414-05)

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	12/07/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	12/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	199	99.5	200	2.73	
DRO >C10-C28*	41.3	10.0	12/06/2024	ND	197	98.5	200	1.86	
EXT DRO >C28-C36	33.5	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 1@1' (H247414-06)

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	12/07/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	12/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	199	99.5	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	197	98.5	200	1.86	
EXT DRO >C28-C36	18.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 1@2' (H247414-07)

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	12/07/2024	ND	1.98	99.1	2.00	1.45		
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC	
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	12/06/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	199	99.5	200	2.73		
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	197	98.5	200	1.86		
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 2@SUR (H247414-08)

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	12/07/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	199	99.5	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	197	98.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 2@1' (H247414-09)

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	12/07/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	199	99.5	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	197	98.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 2@2' (H247414-10)

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	12/07/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/06/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	199	99.5	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	197	98.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 3@SUR (H247414-11)

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	12/07/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	199	99.5	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	197	98.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 3@1' (H247414-12)

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	12/07/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2024	ND	199	99.5	200	2.73	
DRO >C10-C28*	<10.0	10.0	12/07/2024	ND	197	98.5	200	1.86	
EXT DRO >C28-C36	<10.0	10.0	12/07/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 3@2' (H247414-13)

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	12/07/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.2 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 4@SUR (H247414-14)

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	12/07/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 4@1' (H247414-15)

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	12/07/2024	ND	1.98	99.1	2.00	1.45		
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC	
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46		
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52		
Total BTEX	<0.300	0.300	12/07/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/06/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602		
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275		
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND						

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 4@2' (H247414-16)

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	12/07/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 5@SUR (H247414-17)

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	12/07/2024	ND	1.98	99.1	2.00	1.45	
Toluene*	<0.050	0.050	12/07/2024	ND	1.97	98.3	2.00	2.73	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	1.90	95.0	2.00	2.46	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	5.67	94.5	6.00	2.52	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 5@1' (H247414-18)

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	12/06/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/06/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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:	12/05/2024	Sampling Date:	12/03/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 5@2' (H247414-19)

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	12/06/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/06/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 6@SUR (H247414-20)

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	12/06/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/06/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 6@1' (H247414-21)

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	12/06/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/06/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	83.2	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	145	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 6@2' (H247414-22)

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	12/06/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/06/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/06/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/06/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/06/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	39.6	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	87.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 7@SUR (H247414-23)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	10.7	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	29.6	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 7@1' (H247414-24)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 7@2' (H247414-25)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 8@SUR (H247414-26)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 8@1' (H247414-27)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	38.6	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	87.7	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 8@2' (H247414-28)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 9@SUR (H247414-29)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1580	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.3 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 9@1' (H247414-30)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: KV					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/06/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	0.602	
DRO >C10-C28*	183	10.0	12/06/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	247	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 9@2' (H247414-31)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	12/09/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2024	ND	230	115	200	0.602	
DRO >C10-C28*	40.9	10.0	12/07/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	93.4	10.0	12/07/2024	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 10@SUR (H247414-32)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	12/09/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/07/2024	ND	230	115	200	0.602	
DRO >C10-C28*	<10.0	10.0	12/07/2024	ND	231	116	200	0.275	
EXT DRO >C28-C36	<10.0	10.0	12/07/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 10@1' (H247414-33)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	12/09/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	206	103	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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:	12/05/2024	Sampling Date:	12/04/2024
Reported:	12/11/2024	Sampling Type:	Soil
Project Name:	NHU SAT #19	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - HOBBS, NM		

Sample ID: SP 10@2' (H247414-34)

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	12/07/2024	ND	2.15	107	2.00	3.18	
Toluene*	<0.050	0.050	12/07/2024	ND	2.18	109	2.00	6.24	GC-NC
Ethylbenzene*	<0.050	0.050	12/07/2024	ND	2.21	111	2.00	8.07	
Total Xylenes*	<0.150	0.150	12/07/2024	ND	6.51	108	6.00	8.56	
Total BTEX	<0.300	0.300	12/07/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	12/09/2024	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	12/06/2024	ND	230	115	200	1.96	
DRO >C10-C28*	<10.0	10.0	12/06/2024	ND	206	103	200	3.64	
EXT DRO >C28-C36	<10.0	10.0	12/06/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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

- GC-NC 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene

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

1084

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: Oxy
 Project Name: *NHU ST-19*
 Project Location: New Mexico
 Sampler Name: *SIMON RANDON*

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	CL	B-TEX	TPH	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE						ICE / COOL
<i>H247414</i>	<i>1 SP N @ SVR</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>	<i>12-3-24</i>	<i>9:25</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	<i>2 SP E @ SVR</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>	<i>12-3-24</i>	<i>9:43</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	<i>3 SP W @ SVR</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>	<i>12-3-24</i>	<i>10:05</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	<i>4 SP S @ SVR</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>	<i>12-3-24</i>	<i>10:18</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	<i>5 SP I @ SVR</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>	<i>12-3-24</i>	<i>10:41</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	<i>6 SP I @ 1'</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>	<i>12-3-24</i>	<i>10:56</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	<i>7 SP I @ 2'</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>	<i>12-3-24</i>	<i>11:14</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	<i>8 SP 2 @ SVR</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>	<i>12-3-24</i>	<i>11:28</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	<i>9 SP 2 @ 1'</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>	<i>12-3-24</i>	<i>11:47</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							
	<i>10 SP 2 @ 2'</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>	<i>12-3-24</i>	<i>12:12</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>							

PLEASE NOTE: Liability and Damages: Cardinal's liability and exact'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, loss of profits incurred by clients, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based on any of the above stated reasons or otherwise.

Relinquished By: *Simon Randon* Date: *12-5-24* Received By: *Simon Randon* Date: *12-5-24*
 Relinquished By: *Simon Randon* Time: *8:00am* Received By: *Simon Randon* Time: *2-5-24*
 Delivered By: (Circle One) *CE-605 #140* Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: *1.3c / 10.7c* Yes No Yes No
 CHECKED BY: (Initials) *SR*

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

2094

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: Oxy
 Project Name: *NHW SAR #19*
 Project Location: New Mexico
 Sampler Name: *SIMON RAVEN*

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

Lab I.D.	Sample I.D.	PRESERV		DATE	TIME	ANALYSIS REQUEST		
		ICE / COOL	OTHER :			CL	B-TEX	TPH
<i>HP27414</i>	<i>SP3051R</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>12-3-24</i>	<i>12:52</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP3021</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>12-3-24</i>	<i>1:17</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP3021</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>12-3-24</i>	<i>1:35</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP4051R</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>12-3-24</i>	<i>2:07</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP401</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>12-3-24</i>	<i>2:24</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP402</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>12-3-24</i>	<i>2:42</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP5051R</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>12-3-24</i>	<i>3:15</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP501</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>12-3-24</i>	<i>3:47</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP502</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>12-3-24</i>	<i>4:12</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP6051R</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>12-4-24</i>	<i>8:22</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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: *[Signature]* Date: *12-5-24* Received By: *[Signature]*
 Retinquished By: *[Signature]* Date: *12-5-24* Received By: *[Signature]*
 Delivered By: (Circle One) *UPS* Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: *1.32 / 0.72* CHECKED BY: *[Signature]* (Initials) *SP*
 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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Handwritten signature/initials

Company Name: _____ Project Manager: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____ Project #: _____ Project Owner: _____ Project Name: <u>NHC SITE #19</u> Project Location: _____ Sampler Name: <u>SIMON BARRON</u> FOR LAB USE ONLY		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
Lab I.D. _____ Sample I.D. _____ H247414 31 SP902' 32 SP10051' 33 SP0001' 34 SP1002'		(G)RAB OR (C)OMP. _____ # CONTAINERS _____ MATRIX: GROUNDWATER _____ WASTEWATER _____ SOIL _____ OIL _____ SLUDGE _____ OTHER: _____ PRESERV: ACID/BASE: _____ ICE / COOL _____ OTHER: _____	SAMPLING DATE TIME _____ 12-18 12:10 12-24 11:10 12-24 11:24 12-24 146
Requisitioned By: _____ Date: <u>12-24</u> Time: <u>8:00</u> Delivered By: (Circle One) <u>David Lee</u> Date: <u>10-25</u> Time: <u>10:55</u> Sampler - UPS - Bus - Other: <u>1.36/0.72</u>		Received By: _____ Date: <u>5-24</u> Time: _____ Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: _____ (Initials) Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____	
REMARKS: _____ † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476			

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS

Action 429943

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 429943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2328350431
Incident Name	NAPP2328350431 NORTH HOBBS SAT 19 CO2 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	NORTH HOBBS SAT 19 CO2
Date Release Discovered	10/09/2023
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Injection Produced Water Released: 20 BBL Recovered: 0 BBL Lost: 20 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 2

Action 429943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 429943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 02/10/2025
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 3

Action 429943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 429943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 75 and 100 (ft.)
What method was used to determine the depth to ground water	OCD Imaging Records Lookup
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1/2 and 1 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	256
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10
GRO+DRO (EPA SW-846 Method 8015M)	10
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.5

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	12/12/2024
On what date will (or did) the final sampling or liner inspection occur	01/16/2025
On what date will (or was) the remediation complete(d)	01/28/2025
What is the estimated surface area (in square feet) that will be reclaimed	3813
What is the estimated volume (in cubic yards) that will be reclaimed	108
What is the estimated surface area (in square feet) that will be remediated	3813
What is the estimated volume (in cubic yards) that will be remediated	108

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 4

Action 429943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 429943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 02/10/2025
--	---

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 5

Action 429943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 429943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 6

Action 429943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 429943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	419803
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/16/2025
What was the (estimated) number of samples that were to be gathered	44
What was the sampling surface area in square feet	3813

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	3813
What was the total volume (cubic yards) remediated	108
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	3813
What was the total volume (in cubic yards) reclaimed	108
Summarize any additional remediation activities not included by answers (above)	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP 1, SP 10, SP 9 and SP 6, (PURPLE shade on diagram) was excavated to a depth of 3' feet. The leak area near SP 3, SP 8 (GREEN shade on diagram) was excavated to a depth of 2' feet. The area near SP 2, SP 4 SP 5 and SP 7 (YELLOW shade on diagram) required zero remediation. OXY collected bottom and sidewall confirmation samples every 200 square feet.

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 02/10/2025
--	---

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 7

Action 429943

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 429943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 429943

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 429943
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
nvez	None	5/29/2025