

Closure Report

NAB1919156072

Site Description

Site Name:	HEIGHT CC 6-7 FED COM 31H
Company:	OXY
Legal Description:	U/L: L, SECTION 5, T24S, R29E
County:	EDDY COUNTY, NM
GPS Coordinates:	N32.24349 W-104.01365

Release Data

Date of Release:	6/19/2019
Type of Release:	PRODUCED WATER
Source of Release:	FAILURE OF LAY FLAT LINE
Volume of Release:	0 BBLS CRUDE OIL/65 BBLS PRODUCED WATER
Volume Recovered:	0 BBLS CRUDE OIL/ 64 BBLS PRODUCED WATER

Remediation Specifications

Remediation Parameters	OXY will excavate the spill area as depicted on the following site diagram. The leak area near SP1 – SP3 and SP6 – SP7 (BLUE shade on diagram) will be excavated to a depth of 3 feet. The leak area near SP4 and SP5 (PURPLE shade on diagram) will be excavated to a depth of 2 feet. The leak area near SP8 (ORANGE shade on diagram) will be excavated to a depth of 5 feet. Bottom confirmation samples will be collected every 75 feet.
Remediation Activities:	6-18-21, 6-21-21, 10-26-21, & 11-23-21

Plan Sent to OCD:		FROM CLIFF TO BLM NM AND WADE
OCD Approval of Plan:	1/16/2020	FROM @STATE.NM.US TO WADE AND CLIFF
Plan Sent to BLM:	11/21/2019	FROM CLIFF TO SPILL@BLM AND WADE
BLM Approval of Plan:		FROM JAMOS@BLM.GOV TO WADE AND CLIFF

Supporting Documentation

C 141 PAGE 6		
SITE DIAGRAM	GOOGLE EARTH MAP WITH CONFIRMATION SAMPLES	
PICTURES	CLOSURE PICTURES	
LAB SUMMARY	CLOSURE SAMPLES	
LAB ANALYSIS	CLOSURE SAMPLES	
SAMPLING NOTIFICATION	10/15/2021	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

3/21/2022

Form C-141

State of New Mexico
Oil Conservation Division

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Incident ID	NAB1919156072
District RP	
Facility ID	
Application ID	

Closure

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

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

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature: *Wade Dittrich* Date: 3-23-22
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: *Jennifer Nobui* Date: 05/02/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

julia@bbcinternational.com

From: Cliff Brunson <cbrunson@bbcinternational.com>
Sent: Friday, October 15, 2021 5:12 PM
To: 'Enviro, OCD, EMNRD'
Cc: 'Wade Dittrich'; Ken Swinney; 'Jennifer Gilkey'; Julia French
Subject: OXY - Height CC 6-7 Fed Com 31H - Sampling Notification

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Height CC 6-7 Fed Com 31H (Incident ID # NAB1919156072) on Tuesday, October 19th at 9:00 a.m.

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
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Hobbs, NM 88241-0805 USA
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1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
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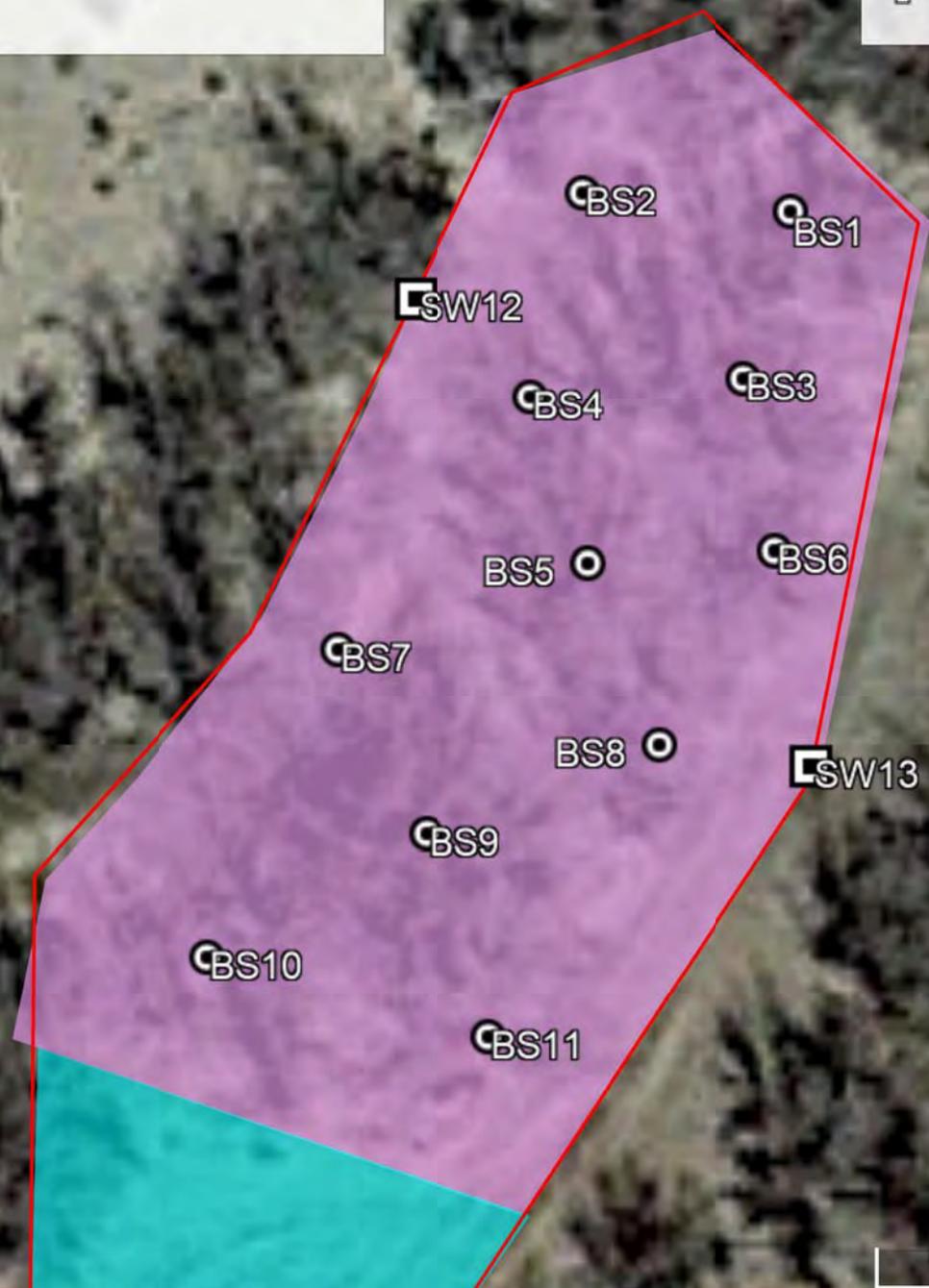
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Oxy, Height CC 6-7 Fed Com 31H

Leak Date: 6-19-19
ID#NAB1919156072
EDDY CO., NM

Legend

-  2 ft Excavation
-  BOTTOM CONFIRMATION SAMPLE POINT
-  SIDEWALL CONFIRMATION SAMPLE POINT



Oxy, Height CC 6-7 Fed Com 31H

Leak Date: 6-19-19
ID#NAB1919156072
EDDY CO., NM

Legend

-  3 ft Excavation
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  SIDEWALL CONFIRMATION SAMPLE POINTS

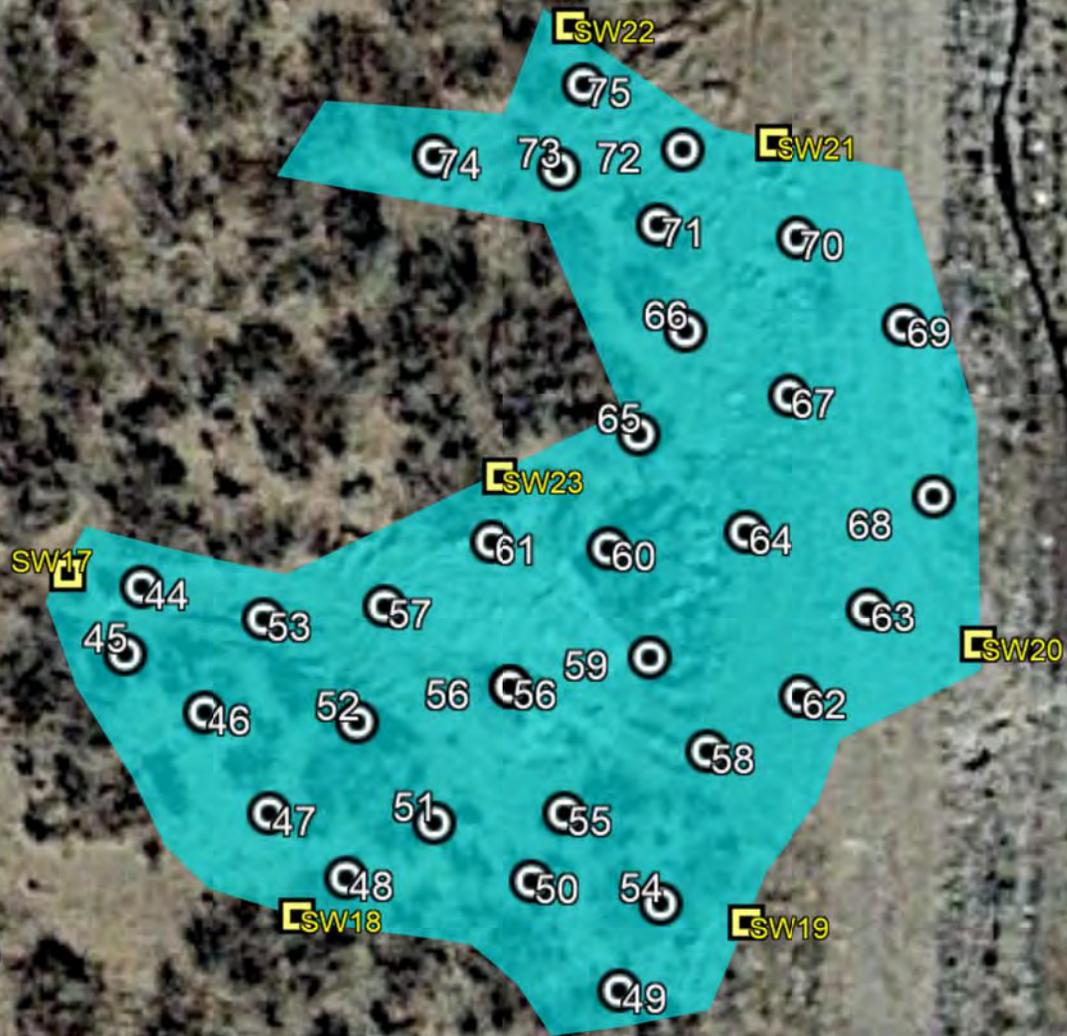


Oxy, Height CC 6-7 Fed Com 31H

Leak Date: 6-19-19
ID#NAB1919156072
EDDY CO., NM

Legend

-  3 ft Excavation
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  SIDEWALL CONFIRMATION SAMPLE POINTS



Oxy, Height CC 6-7 Fed Com 31H

Leak Date: 6-19-19
ID#NAB1919156072
EDDY CO., NM

Legend

-  2 ft Excavation
-  BOTTOM CONFIRMATION SAMPLE POINT
-  SIDEWALL CONFIRMATION SAMPLE POINT



Oxy, Height CC 6-7 Fed Com 31H

Leak Date: 6-19-19
ID#NAB1919156072
EDDY CO., NM

Legend

-  5 ft excavation
-  Bottom Confirmation Sample Point
-  Sidewall Confirmation Sample Point



Oxy, Height CC 6-7 Fed Com 31H
Leak Date 6/19/19

Google Map Section 1 @ 2'

BOTTOM SAMPLE	1 @ 2'	N 32.243930°	W 104.013525°
BOTTOM SAMPLE	2 @ 2'	N 32.243933°	W 104.013565°
BOTTOM SAMPLE	3 @ 2'	N 32.243903°	W 104.013534°
BOTTOM SAMPLE	4 @ 2'	N 32.243900°	W 104.013575°
BOTTOM SAMPLE	5 @ 2'	N 32.243873°	W 104.013564°
BOTTOM SAMPLE	6 @ 2'	N 32.243875°	W 104.013528°
BOTTOM SAMPLE	7 @ 2'	N 32.243859°	W 104.013612°
BOTTOM SAMPLE	8 @ 2'	N 32.243840°	W 104.013559°
BOTTOM SAMPLE	9 @ 2'	N 32.243829°	W 104.013595°
BOTTOM SAMPLE	10 @ 2'	N 32.243809°	W 104.013637°
BOTTOM SAMPLE	11 @ 2'	N 32.243796°	W 104.013583°
SIDEWALL SAMPLE	12 @ 2'	N 32.243916°	W 104.013597°
SIDEWALL SAMPLE	13 @ 2'	N 32.243840°	W 104.013521°

Google Map Section 2 @ 2'

BOTTOM SAMPLE	12 @ 2'	N 32.243621°	W 104.013669°
BOTTOM SAMPLE	13 @ 2'	N 32.243610°	W 104.013703°
BOTTOM SAMPLE	14 @ 2'	N 32.243582°	W 104.013683°
BOTTOM SAMPLE	15 @ 2'	N 32.243574°	W 104.013732°
BOTTOM SAMPLE	16 @ 2'	N 32.243552°	W 104.013700°
BOTTOM SAMPLE	17 @ 2'	N 32.243532°	W 104.013662°
BOTTOM SAMPLE	18 @ 2'	N 32.243539°	W 104.013746°
BOTTOM SAMPLE	19 @ 2'	N 32.243520°	W 104.013701°
BOTTOM SAMPLE	20 @ 2'	N 32.243492°	W 104.013685°
BOTTOM SAMPLE	21 @ 2'	N 32.243499°	W 104.013723°
BOTTOM SAMPLE	22 @ 2'	N 32.243465°	W 104.013745°
BOTTOM SAMPLE	23 @ 2'	N 32.243422°	W 104.013758°
BOTTOM SAMPLE	24 @ 2'	N 32.243465°	W 104.013685°
BOTTOM SAMPLE	25 @ 2'	N 32.243452°	W 104.013638°
SIDEWALL SAMPLE	14 @ 2'	N 32.243559°	W 104.013652°
SIDEWALL SAMPLE	15 @ 2'	N 32.243450°	W 104.013715°
SIDEWALL SAMPLE	16 @ 2'	N 32.243394°	W 104.013771°

Google Map Section 3 @ 3'

BOTTOM SAMPLE	44 @ 3'	N 32.243441°	W 104.013568°
BOTTOM SAMPLE	45 @ 3'	N 32.243420°	W 104.013574°
BOTTOM SAMPLE	46 @ 3'	N 32.243402°	W 104.013545°
BOTTOM SAMPLE	47 @ 3'	N 32.243371°	W 104.013521°
BOTTOM SAMPLE	48 @ 3'	N 32.243351°	W 104.013493°
BOTTOM SAMPLE	49 @ 3'	N 32.243316°	W 104.013393°

BOTTOM SAMPLE	50 @ 3'	N 32.243335°	W 104.013425°
BOTTOM SAMPLE	51 @ 3'	N 32.243368°	W 104.013461°
BOTTOM SAMPLE	52 @ 3'	N 32.243399°	W 104.013489°
BOTTOM SAMPLE	53 @ 3'	N 32.243431°	W 104.013523°
BOTTOM SAMPLE	54 @ 3'	N 32.243343°	W 104.013378°
BOTTOM SAMPLE	55 @ 3'	N 32.243371°	W 104.013413°
BOTTOM SAMPLE	56 @ 3'	N 32.243410°	W 104.013433°
BOTTOM SAMPLE	57 @ 3'	N 32.243435°	W 104.013479°
BOTTOM SAMPLE	58 @ 3'	N 32.243369°	W 104.013361°
BOTTOM SAMPLE	59 @ 3'	N 32.243419°	W 104.013382°
BOTTOM SAMPLE	60 @ 3'	N 32.243453°	W 104.013397°
BOTTOM SAMPLE	61 @ 3'	N 32.243455°	W 104.013444°
BOTTOM SAMPLE	62 @ 3'	N 32.243407°	W 104.013327°
BOTTOM SAMPLE	63 @ 3'	N 32.243434°	W 104.013302°
BOTTOM SAMPLE	64 @ 3'	N 32.243458°	W 104.013347°
BOTTOM SAMPLE	65 @ 3'	N 32.243488°	W 104.013386°
BOTTOM SAMPLE	66 @ 3'	N 32.243520°	W 104.013369°
BOTTOM SAMPLE	67 @ 3'	N 32.243500°	W 104.013331°
BOTTOM SAMPLE	68 @ 3'	N 32.243469°	W 104.013278°
BOTTOM SAMPLE	69 @ 3'	N 32.243522°	W 104.013289°
BOTTOM SAMPLE	70 @ 3'	N 32.243549°	W 104.013328°
BOTTOM SAMPLE	71 @ 3'	N 32.243553°	W 104.013379°
BOTTOM SAMPLE	72 @ 3'	N 32.243576°	W 104.013370°
BOTTOM SAMPLE	73 @ 3'	N 32.243570°	W 104.013415°
BOTTOM SAMPLE	74 @ 3'	N 32.243574°	W 104.013461°
BOTTOM SAMPLE	75 @ 3'	N 32.243596°	W 104.013406°
SIDEWALL	17 @ 3'	N 32.243445°	W 104.013595°
SIDEWALL	18 @ 3'	N 32.243339°	W 104.013511°
SIDEWALL	19 @ 3'	N 32.243337°	W 104.013347°
SIDEWALL	20 @ 3'	N 32.243423°	W 104.013262°
SIDEWALL	21 @ 3'	N 32.243578°	W 104.013337°
SIDEWALL	22 @ 3'	N 32.243614°	W 104.013411°
SIDEWALL	23 @ 3'	N 32.243475°	W 104.013437°

Google Map Section 4 @ 3'

BOTTOM SAMPLE	26 @ 3'	N 32.243383°	W 104.013931°
BOTTOM SAMPLE	27 @ 3'	N 32.243366°	W 104.013959°
BOTTOM SAMPLE	28 @ 3'	N 32.243332°	W 104.013992°
BOTTOM SAMPLE	29 @ 3'	N 32.243428°	W 104.013928°
BOTTOM SAMPLE	30 @ 3'	N 32.243469°	W 104.013894°
BOTTOM SAMPLE	31 @ 3'	N 32.243497°	W 104.013861°
BOTTOM SAMPLE	32 @ 3'	N 32.243535°	W 104.013815°
BOTTOM SAMPLE	33 @ 3'	N 32.243564°	W 104.013790°
BOTTOM SAMPLE	34 @ 3'	N 32.243579°	W 104.013764°
BOTTOM SAMPLE	35 @ 3'	N 32.243592°	W 104.013789°
BOTTOM SAMPLE	36 @ 3'	N 32.243599°	W 104.013747°

BOTTOM SAMPLE	37 @ 3'	N 32.243621°	W 104.013750°
BOTTOM SAMPLE	38 @ 3'	N 32.243649°	W 104.013708°
BOTTOM SAMPLE	39 @ 3'	N 32.243675°	W 104.013703°
BOTTOM SAMPLE	40 @ 3'	N 32.243683°	W 104.013654°
BOTTOM SAMPLE	41 @ 3'	N 32.243729°	W 104.013651°
BOTTOM SAMPLE	42 @ 3'	N 32.243754°	W 104.013618°
SIDEWALL	5 @ 3'	N 32.243452°	W 104.013869°
SIDEWALL	6 @ 3'	N 32.243392°	W 104.013975°
SIDEWALL	7 @ 3'	N 32.243517°	W 104.013870°
SIDEWALL	8 @ 3'	N 32.243546°	W 104.013769°
SIDEWALL	9 @ 3'	N 32.243643°	W 104.013750°
SIDEWALL	10 @ 3'	N 32.243694°	W 104.013633°
SIDEWALL	11 @ 3'	N 32.243783°	W 104.013622°

Google Map Section 5 @ 5'

BOTTOM SAMPLE	76 @ 5'	N 32.243310°	W 104.014037°
BOTTOM SAMPLE	77 @ 5'	N 32.243281°	W 104.014076°
BOTTOM SAMPLE	78 @ 5'	N 32.243255°	W 104.014129°
BOTTOM SAMPLE	79 @ 5'	N 32.243233°	W 104.014171°
SIDEWALL	1 @ 5'	N 32.243214°	W 104.014187°
SIDEWALL	2 @ 5'	N 32.243256°	W 104.014088°
SIDEWALL	3 @ 5'	N 32.243318°	W 104.014004°
SIDEWALL	4 @ 5'	N 32.243279°	W 104.014111°

HEIGHT CC 6-7 FED COM 31H

LEAK DATE 6/19/19

SAMPLE DATE 11/5/21

BOTTOM 3A@3'	32.243897°	-104.013544°
BOTTOM 4A@3'	32.243798°	-104.013636°
BOTTOM 51A@4'	32.243360°	-104.013481°
BOTTOM 65A@4'	32.243453°	-104.013394°

		Sample ID	BOTTOM 60 @ 3	BOTTOM 61 @ 3	BOTTOM 62 @ 3	BOTTOM 63 @ 3	BOTTOM 64 @ 3	BOTTOM 65 @ 3	BOTTOM 66 @ 3	BOTTOM 67 @ 3	BOTTOM 68 @ 3	BOTTOM 69 @ 3	BOTTOM 70 @ 3	BOTTOM 71 @ 3	BOTTOM 72 @ 3	BOTTOM 73 @ 3	BOTTOM 74 @ 3	BOTTOM 75 @ 3
Analyte	Method	Date	10/19/21	10/19/21	10/19/21	10/19/21	10/19/21	10/19/21	10/19/21	10/19/21	10/19/21	10/19/21	10/19/21	10/19/21	10/19/21	10/20/21	10/20/21	10/20/21
			mg/kg															
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		96.0	80.0	64.0	80.0	64.0	115.0	160	64.0	96.0	64.0	112	80.0	64.0	224	224	240
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BOTTOM 76 @ 5	BOTTOM 77 @ 5	BOTTOM 78 @ 5	BOTTOM 79 @ 5
Analyte	Method	Date	10/20/21	10/20/21	10/20/21	10/20/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		208	304	208	256
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample ID	SIDEWALL 1	SIDEWALL 2	SIDEWALL 3	SIDEWALL 4	SIDEWALL 5	SIDEWALL 6	SIDEWALL 7	SIDEWALL 8	SIDEWALL 9	SIDEWALL 10	SIDEWALL 11	SIDEWALL 12	SIDEWALL 13	SIDEWALL 14	SIDEWALL 15	SIDEWALL 16
Analyte	Method	Date	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg									
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		144	208	256	288	224	272	256	304	256	288	240	192	240	288	208	272
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Analyte	Method	Sample ID	SIDEWALL						
			17	18	19	20	21	22	23
Date			10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21	10/20/21
			mg/kg						
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		240	224	192	256	208	256	256
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Analyte	Method	Sample ID	BOTTOM	BOTTOM	BOTTOM	BOTTOM
			3A@3'	4A@3'	51A @4'	65A@4'
Date			11/11/21	11/11/21	11/11/21	11/11/21
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

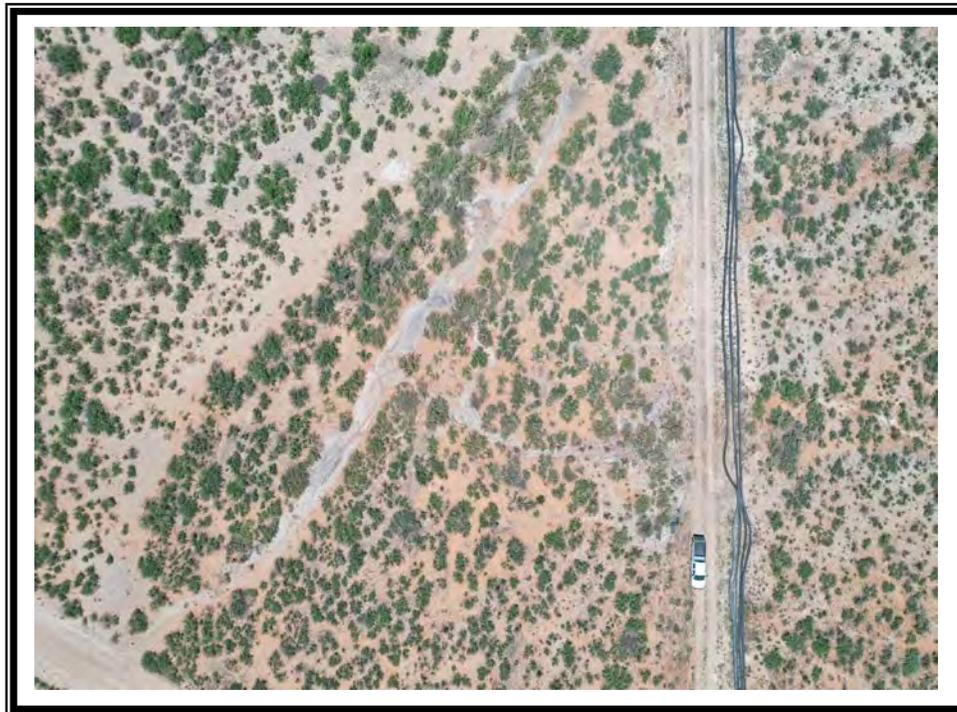


HEIGHT CC 6-7 FED COM 31H
6-19-19





HEIGHT CC 6-7 FED COM 31H
6-19-19



HEIGHT CC 6-7 FED COM 31H
6-19-19



HEIGHT CC 6-7 FED COM 31H
6-19-19





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

November 12, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: HEIGHT CC 6-7 FED COM 31H

Enclosed are the results of analyses for samples received by the laboratory on 11/09/21 10:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:	11/09/2021	Sampling Date:	11/05/2021
Reported:	11/12/2021	Sampling Type:	Soil
Project Name:	HEIGHT CC 6-7 FED COM 31H	Sampling Condition:	Cool & Intact
Project Number:	6-19-19	Sample Received By:	Tamara Oldaker
Project Location:	OXY-EDDY CO, NM		

Sample ID: BOTTOM 3 A @ 3' (H213175-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	3.32	
Toluene*	<0.050	0.050	11/11/2021	ND	1.88	94.1	2.00	4.08	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.89	94.5	2.00	3.09	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.78	96.3	6.00	3.11	
Total BTEX	<0.300	0.300	11/11/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/11/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 84.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.3 % 38.9-142

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* = Accredited Analyte

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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:	11/09/2021	Sampling Date:	11/05/2021
Reported:	11/12/2021	Sampling Type:	Soil
Project Name:	HEIGHT CC 6-7 FED COM 31H	Sampling Condition:	Cool & Intact
Project Number:	6-19-19	Sample Received By:	Tamara Oldaker
Project Location:	OXY-EDDY CO, NM		

Sample ID: BOTTOM 4 A @ 3' (H213175-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	3.32	
Toluene*	<0.050	0.050	11/11/2021	ND	1.88	94.1	2.00	4.08	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.89	94.5	2.00	3.09	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.78	96.3	6.00	3.11	
Total BTEX	<0.300	0.300	11/11/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/11/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 55.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 53.0 % 38.9-142

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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:	11/09/2021	Sampling Date:	11/05/2021
Reported:	11/12/2021	Sampling Type:	Soil
Project Name:	HEIGHT CC 6-7 FED COM 31H	Sampling Condition:	Cool & Intact
Project Number:	6-19-19	Sample Received By:	Tamara Oldaker
Project Location:	OXY-EDDY CO, NM		

Sample ID: BOTTOM 51 A @ 4' (H213175-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	3.32	
Toluene*	<0.050	0.050	11/11/2021	ND	1.88	94.1	2.00	4.08	
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.89	94.5	2.00	3.09	
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.78	96.3	6.00	3.11	
Total BTEX	<0.300	0.300	11/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	11/11/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	215	107	200	0.786	
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	211	106	200	0.859	
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND					

Surrogate: 1-Chlorooctane 61.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 59.0 % 38.9-142

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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:	11/09/2021	Sampling Date:	11/05/2021
Reported:	11/12/2021	Sampling Type:	Soil
Project Name:	HEIGHT CC 6-7 FED COM 31H	Sampling Condition:	Cool & Intact
Project Number:	6-19-19	Sample Received By:	Tamara Oldaker
Project Location:	OXY-EDDY CO, NM		

Sample ID: BOTTOM 65 A @ 4' (H213175-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2021	ND	2.02	101	2.00	3.32		
Toluene*	<0.050	0.050	11/11/2021	ND	1.88	94.1	2.00	4.08		
Ethylbenzene*	<0.050	0.050	11/11/2021	ND	1.89	94.5	2.00	3.09		
Total Xylenes*	<0.150	0.150	11/11/2021	ND	5.78	96.3	6.00	3.11		
Total BTEX	<0.300	0.300	11/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/11/2021	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/11/2021	ND	218	109	200	0.795		
DRO >C10-C28*	<10.0	10.0	11/11/2021	ND	203	101	200	0.697		
EXT DRO >C28-C36	<10.0	10.0	11/11/2021	ND						

Surrogate: 1-Chlorooctane 70.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.5 % 38.9-142

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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

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*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: <i>Height CC 6-7 Fed Cor 31H (6/19/19)</i> Project Location: <i>Malaga, NM</i> Sampler Name: <i>Roger Hernandez</i>		P.O. #: _____ Company: _____ Attn: <i>OKY</i> Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NIM zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy			
Relinquished By: <i>Roger Hernandez</i> Date: <i>11.5.21</i> Time: <i>8:00 pm</i>		Received By: <i>Jawata</i> Date: _____ Time: _____	
Relinquished By: _____ Date: _____ Time: _____		Received By: _____ Date: _____ Time: _____	
Delivered By: (Circle One) <i>-9.0c</i> Sampler - UPS - Bus - Other: <i>-10.1c #13</i>		Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool Checked By: <i>Jawata</i> Initials: <i>JS</i>	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____		REMARKS: _____	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	TPH	BTEX	CL
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL					
<i>HC19175</i>	<i>Bottom 3A03</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>11.5.21</i>	<i>1:00</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
	<i>Bottom 4A03</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>11.5.21</i>	<i>1:10</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
	<i>Bottom 51A04</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>11.5.21</i>	<i>1:20</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
	<i>Bottom 10SA04</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>11.5.21</i>	<i>1:30</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						

102



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

October 26, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: HEIGHT 6-7

Enclosed are the results of analyses for samples received by the laboratory on 10/21/21 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 1 @ 2 (H212972-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	10/22/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	208	104	200	14.1	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	259	129	200	6.87	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 82.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.2 % 38.9-142

Cardinal Laboratories

* = Accredited Analyte

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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:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 2 @ 2 (H212972-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/22/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 108 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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

Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 3 @ 2 (H212972-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	10/22/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.7 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 4 @ 2 (H212972-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	10/22/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 5 @ 2 (H212972-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.6 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 6 @ 2 (H212972-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/22/2021	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 7 @ 2 (H212972-07)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45		
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975		
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91		
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91		
Total BTEX	<0.300	0.300	10/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/22/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41		
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32		
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND						

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 101 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 8 @ 2 (H212972-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 97.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.4 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 9 @ 2 (H212972-09)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45		
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975		
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91		
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91		
Total BTEX	<0.300	0.300	10/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/22/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41		
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32		
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND						

Surrogate: 1-Chlorooctane 102 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.7 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 10 @ 2 (H212972-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 91.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.4 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 11 @ 2 (H212972-11)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.4 % 38.9-142

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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:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 12 @ 2 (H212972-12)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	6.45	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.975	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.11	105	2.00	2.91	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.35	106	6.00	3.91	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.6 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 13 @ 2 (H212972-13)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 98.7 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 14 @ 2 (H212972-14)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 98.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.0 % 38.9-142

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Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 15 @ 2 (H212972-15)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.7 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 16 @ 2 (H212972-16)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.6 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 17 @ 2 (H212972-17)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.7 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 18 @ 2 (H212972-18)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	115	200	2.41	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	252	126	200	3.32	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 99.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 19 @ 2 (H212972-19)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 80.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.8 % 38.9-142

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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:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 20 @ 2 (H212972-20)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 79.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 21 @ 2 (H212972-21)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 78.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.5 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 22 @ 2 (H212972-22)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 77.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 23 @ 2 (H212972-23)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 24 @ 2 (H212972-24)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.7 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 25 @ 2 (H212972-25)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 74.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 26 @ 3 (H212972-26)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	10/22/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 27 @ 3 (H212972-27)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 77.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.6 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 28 @ 3 (H212972-28)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 77.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.6 % 38.9-142

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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: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 29 @ 3 (H212972-29)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.8 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 30 @ 3 (H212972-30)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 79.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.7 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 31 @ 3 (H212972-31)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 84.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.1 % 38.9-142

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Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 32 @ 3 (H212972-32)

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	10/22/2021	ND	1.93	96.5	2.00	2.14	
Toluene*	<0.050	0.050	10/22/2021	ND	2.00	100	2.00	0.0398	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.97	98.6	2.00	0.986	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.94	99.0	6.00	1.32	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 82.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 79.9 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 33 @ 3 (H212972-33)

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	10/22/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/22/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 80.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 34 @ 3 (H212972-34)

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	10/22/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/22/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 79.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.6 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 35 @ 3 (H212972-35)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.7 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 36 @ 3 (H212972-36)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 72.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 37 @ 3 (H212972-37)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.8 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 38 @ 3 (H212972-38)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/22/2021	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	10/22/2021	ND	218	109	200	1.20	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	231	115	200	0.529	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 78.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.2 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 39 @ 3 (H212972-39)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 93.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.2 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 40 @ 3 (H212972-40)

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	10/23/2021	ND	1.88	94.1	2.00	2.95		
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26		
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33		
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90		
Total BTEX	<0.300	0.300	10/23/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553		
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01		
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND						

Surrogate: 1-Chlorooctane 97.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.7 % 38.9-142

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 41 @ 3 (H212972-41)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.1 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 42 @ 3 (H212972-42)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 98.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.6 % 38.9-142

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 43 @ 3 (H212972-43)

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	10/23/2021	ND	1.88	94.1	2.00	2.95		
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26		
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33		
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90		
Total BTEX	<0.300	0.300	10/23/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553		
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01		
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND						

Surrogate: 1-Chlorooctane 96.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.3 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 44 @ 3 (H212972-44)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 96.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.9 % 38.9-142

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 45 @ 3 (H212972-45)

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	10/23/2021	ND	1.88	94.1	2.00	2.95		
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26		
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33		
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90		
Total BTEX	<0.300	0.300	10/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553		
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01		
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND						

Surrogate: 1-Chlorooctane 98.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.8 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 46 @ 3 (H212972-46)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 47 @ 3 (H212972-47)

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	10/23/2021	ND	1.88	94.1	2.00	2.95		
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26		
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33		
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90		
Total BTEX	<0.300	0.300	10/23/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	10/22/2021	ND	400	100	400	3.92	QM-07, QR-03	

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	10/22/2021	ND	233	116	200	0.553		
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01		
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND						

Surrogate: 1-Chlorooctane 98.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.2 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 48 @ 3 (H212972-48)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 97.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.6 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 49 @ 3 (H212972-49)

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	10/23/2021	ND	1.88	94.1	2.00	2.95		
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26		
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33		
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90		
Total BTEX	<0.300	0.300	10/23/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553		
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01		
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND						

Surrogate: 1-Chlorooctane 90.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.9 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 50 @ 3 (H212972-50)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 90.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.1 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 51 @ 3 (H212972-51)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 38.9-142

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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 Hobbs NM, 88241
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Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 52 @ 3 (H212972-52)

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	10/23/2021	ND	1.88	94.1	2.00	2.95	
Toluene*	<0.050	0.050	10/23/2021	ND	1.89	94.6	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/23/2021	ND	1.85	92.6	2.00	4.33	
Total Xylenes*	<0.150	0.150	10/23/2021	ND	5.53	92.2	6.00	4.90	
Total BTEX	<0.300	0.300	10/23/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 91.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.1 % 38.9-142

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Analytical Results For:

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Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 53 @ 3 (H212972-53)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 94.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.1 % 38.9-142

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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:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 54 @ 3 (H212972-54)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 94.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.5 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 55 @ 3 (H212972-55)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 95.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.6 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 56 @ 3 (H212972-56)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/22/2021	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	10/22/2021	ND	233	116	200	0.553	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	254	127	200	6.01	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.7 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 57 @ 3 (H212972-57)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/22/2021	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	10/23/2021	ND	221	111	200	2.47	
DRO >C10-C28*	<10.0	10.0	10/23/2021	ND	213	107	200	3.50	
EXT DRO >C28-C36	<10.0	10.0	10/23/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.0 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 58 @ 3 (H212972-58)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/22/2021	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	10/23/2021	ND	221	111	200	2.47	
DRO >C10-C28*	<10.0	10.0	10/23/2021	ND	213	107	200	3.50	
EXT DRO >C28-C36	<10.0	10.0	10/23/2021	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.2 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 59 @ 3 (H212972-59)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2021	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	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.5 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 60 @ 3 (H212972-60)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/22/2021	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	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 77.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.2 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 61 @ 3 (H212972-61)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/22/2021	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	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 87.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.1 % 38.9-142

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Fax To: (575) 397-0397

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 62 @ 3 (H212972-62)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2021	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	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.9 % 38.9-142

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 63 @ 3 (H212972-63)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	10/22/2021	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	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.0 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 64 @ 3 (H212972-64)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/22/2021	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	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 84.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.2 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 65 @ 3 (H212972-65)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1150	16.0	10/22/2021	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	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 78.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.6 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 66 @ 3 (H212972-66)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/22/2021	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	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.1 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 67 @ 3 (H212972-67)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604		
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517		
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830		
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588		
Total BTEX	<0.300	0.300	10/22/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/25/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	114	200	2.45		
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83		
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND						

Surrogate: 1-Chlorooctane 79.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.8 % 38.9-142

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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 68 @ 3 (H212972-68)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/25/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.8 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
 Reported: 10/26/2021
 Project Name: HEIGHT 6-7
 Project Number: (6-19-19)
 Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 69 @ 3 (H212972-69)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/25/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 70.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.5 % 38.9-142

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Analytical Results For:

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

Received: 10/21/2021
Reported: 10/26/2021
Project Name: HEIGHT 6-7
Project Number: (6-19-19)
Project Location: OXY - NEW MEXICO

Sampling Date: 10/19/2021
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: BOTTOM 70 @ 3 (H212972-70)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.13	106	2.00	0.604	
Toluene*	<0.050	0.050	10/22/2021	ND	2.08	104	2.00	0.517	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.03	102	2.00	0.830	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.18	103	6.00	0.588	
Total BTEX	<0.300	0.300	10/22/2021	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	10/25/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.2 % 38.9-142

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* = Accredited Analyte

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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:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 71 @ 3 (H212972-71)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2021	ND	2.16	108	2.00	8.01		
Toluene*	<0.050	0.050	10/22/2021	ND	2.09	105	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.04	102	2.00	9.36		
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.22	104	6.00	8.84		
Total BTEX	<0.300	0.300	10/22/2021	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/25/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	114	200	2.45		
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83		
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND						

Surrogate: 1-Chlorooctane 76.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/21/2021	Sampling Date:	10/19/2021
Reported:	10/26/2021	Sampling Type:	Soil
Project Name:	HEIGHT 6-7	Sampling Condition:	Cool & Intact
Project Number:	(6-19-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM 72 @ 3 (H212972-72)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2021	ND	2.16	108	2.00	8.01	
Toluene*	<0.050	0.050	10/22/2021	ND	2.09	105	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/22/2021	ND	2.04	102	2.00	9.36	
Total Xylenes*	<0.150	0.150	10/22/2021	ND	6.22	104	6.00	8.84	
Total BTEX	<0.300	0.300	10/22/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/25/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2021	ND	229	114	200	2.45	
DRO >C10-C28*	<10.0	10.0	10/22/2021	ND	245	122	200	4.83	
EXT DRO >C28-C36	<10.0	10.0	10/22/2021	ND					

Surrogate: 1-Chlorooctane 83.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 81.3 % 38.9-142

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

Company Name: BBC International, Inc.
Project Manager: Cliff Brunson
Address: P.O. Box 805
City: Hobbs
Phone #: 575-397-6388
Project #:
Project Name: HEIGHT 6-7 (6-19-19)
Project Location: NEW MEXICO
Sampler Name: ROGER HERNANDEZ

P.O. #:
Company: *FR Oil*
Attn:
Address:
City: *Oxy*
State:
Phone #:
Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1	BOTTOM 1 @ 2		1						10/19/21	9:30AM	✓	✓	✓	
2	BOTTOM 2 @ 2		1						10/19/21	9:35AM	✓	✓	✓	
3	BOTTOM 3 @ 2		1						10/19/21	9:40AM	✓	✓	✓	
4	BOTTOM 4 @ 2		1						10/19/21	9:45AM	✓	✓	✓	
5	BOTTOM 5 @ 2		1						10/19/21	9:50AM	✓	✓	✓	
6	BOTTOM 6 @ 2		1						10/19/21	9:55AM	✓	✓	✓	
7	BOTTOM 7 @ 2		1						10/19/21	10:00AM	✓	✓	✓	
8	BOTTOM 8 @ 2		1						10/19/21	10:05AM	✓	✓	✓	
9	BOTTOM 9 @ 2		1						10/19/21	10:10AM	✓	✓	✓	
10	BOTTOM 10 @ 2		1						10/19/21	10:15AM	✓	✓	✓	

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Relinquished By: *Roger Hernandez* Date: *10-20-21* Time: *5:00* Received By: *J. Collier*

Relinquished By: *Roger Hernandez* Date: *10-21-21* Time: *14:10* Received By: *J. Collier*

Delivered By: (Circle One) UPS Bus Other: *-5:40*

Sampler - UPS - Bus - Other: *-5:40* *254.9c #13*

Sample Condition: Cool Intact Yes No

Checked By: *J. Collier* (Initials)

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

REMARKS:

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10-19-21



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

20

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: HEIGHT 6-7 (6-19-19) Project Location: NEW MEXICO Sampler Name: ROGER HERNANDEZ		P.O. #: _____ Company: _____ Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		BILL TO	
Matrix: <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE Other: _____ Acid/Base: _____ Ice / Cool: _____ Other: _____		ANALYSIS REQUEST	
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Lab I.D. H21297L	Sample I.D.	DATE TIME	CL BTEX TPH EXT
11 BOTTOM 11 @ 2	(G)RAB OR (C)OMP	10/19/21 10:20AM	✓
12 BOTTOM 12 @ 2	# CONTAINERS	10/19/21 10:25AM	✓
13 BOTTOM 13 @ 2	GROUNDWATER	10/19/21 10:30AM	✓
14 BOTTOM 14 @ 2	WASTEWATER	10/19/21 10:35AM	✓
15 BOTTOM 15 @ 2	SOIL	10/19/21 10:40AM	✓
16 BOTTOM 16 @ 2	OIL	10/19/21 10:45AM	✓
17 BOTTOM 17 @ 2	SLUDGE	10/19/21 10:50AM	✓
18 BOTTOM 18 @ 2	OTHER :	10/19/21 10:55AM	✓
19 BOTTOM 19 @ 2	ACID/BASE:	10/19/21 11:00AM	✓
20 BOTTOM 20 @ 2	ICE / COOL	10/19/21 11:05AM	✓
	OTHER :		✓

Relinquished By: *Roger Hernandez* Date: *10/20/21* Received By: *J. Gehrig*

Relinquished By: _____ Date: _____ Received By: _____

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: *-5:42 PM - 10:50 AM*
 Sample Condition: Intact Cool Yes No
 CHECKED BY: _____ (Initials)

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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 #: Project Owner: Oxy
 Project Name: HEIGHT 6-7 (6-19-19)
 Project Location: NEW MEXICO
 Sampler Name: ROGER HERNANDEZ
 P.O. #: [Signature]
 Company: [Signature]
 Attn: [Signature]
 Address: [Signature]
 City: [Signature]
 State: [Signature] zip: [Signature]
 Phone #: [Signature]
 Fax #: [Signature]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H212972	BOTTOM 21 @ 2		1						10/19/21	11:10AM	✓	✓	✓	
	BOTTOM 22 @ 2		1						10/19/21	11:15AM	✓	✓	✓	
	BOTTOM 23 @ 2		1						10/19/21	11:20AM	✓	✓	✓	
	BOTTOM 24 @ 2		1						10/19/21	11:25AM	✓	✓	✓	
	BOTTOM 25 @ 2		1						10/19/21	11:30AM	✓	✓	✓	
	BOTTOM 26 @ 3		1						10/19/21	11:40AM	✓	✓	✓	
	BOTTOM 27 @ 3		1						10/19/21	11:45AM	✓	✓	✓	
	BOTTOM 28 @ 3		1						10/19/21	11:50AM	✓	✓	✓	
	BOTTOM 29 @ 3		1						10/19/21	11:55AM	✓	✓	✓	
	BOTTOM 30 @ 3		1						10/19/21	12:00PM	✓	✓	✓	

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Relinquished By: [Signature] Date: 10-20-21 Received By: J. C. Gentry Date: 10-21-21
 Relinquished By: [Signature] Date: 10-21-21 Received By: [Signature] Date: 10-21-21
 Delivered By: (Circle One) UPS Bus Other: -548 BX 9c #113
 Sample Condition: Cool Intact
 CHECKED BY: [Signature] (Initials) [Signature]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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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 #: Project Owner: Oxy
 Project Name: HEIGHT 6-7 (6-19-19)
 Project Location: NEW MEXICO
 Sampler Name: ROGER HERNANDEZ

P.O. #:
 Company: *JEH*
 Attn:
 Address:
 City: *DRY*
 State: Zip:
 Phone #:
 Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								
<i>H212972</i>	BOTTOM 31 @ 3	<input checked="" type="checkbox"/>								10/19/21	12:05PM	<input checked="" type="checkbox"/>					
	BOTTOM 32 @ 3	<input checked="" type="checkbox"/>								10/19/21	12:10PM	<input checked="" type="checkbox"/>					
	BOTTOM 33 @ 3	<input checked="" type="checkbox"/>								10/19/21	12:15PM	<input checked="" type="checkbox"/>					
	BOTTOM 34 @ 3	<input checked="" type="checkbox"/>								10/19/21	12:20PM	<input checked="" type="checkbox"/>					
	BOTTOM 35 @ 3	<input checked="" type="checkbox"/>								10/19/21	12:25PM	<input checked="" type="checkbox"/>					
	BOTTOM 36 @ 3	<input checked="" type="checkbox"/>								10/19/21	12:30PM	<input checked="" type="checkbox"/>					
	BOTTOM 37 @ 3	<input checked="" type="checkbox"/>								10/19/21	12:35PM	<input checked="" type="checkbox"/>					
	BOTTOM 38 @ 3	<input checked="" type="checkbox"/>								10/19/21	12:40PM	<input checked="" type="checkbox"/>					
	BOTTOM 39 @ 3	<input checked="" type="checkbox"/>								10/19/21	12:45PM	<input checked="" type="checkbox"/>					
	BOTTOM 40 @ 3	<input checked="" type="checkbox"/>								10/19/21	12:50PM	<input checked="" type="checkbox"/>					

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Relinquished By: *Roger Hernandez* Date: *10/20/21* Time: *10:21*
 Received By: *J. G. Wiley* Date: *10-21-21* Time: *4:10*
 Delivered By: (Circle One) *-5.40* *JE-O.52*
 Sampler - UPS - Bus - Other: *-5X92 H13* Yes No No No
 CHECKED BY: *[Signature]* (Initials) *TD*

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

59

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #: [blank]
 Project Name: HEIGHT 6-7 (6-19-19)
 Project Location: NEW MEXICO
 Sampler Name: ROGER HERNANDEZ

State: NM Zip: 88241
 Attn: [Signature]
 Address: [Signature]
 City: [Signature]
 State: [Signature] Zip: [Signature]
 P.O. #: [Signature]
 Company: [Signature]
 Attn: [Signature]
 Address: [Signature]
 City: [Signature]
 State: [Signature] Zip: [Signature]
 P.O. #: [Signature]
 Company: [Signature]
 Attn: [Signature]
 Address: [Signature]
 City: [Signature]
 State: [Signature] Zip: [Signature]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPHEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H212972	BOTTOM 41 @ 3	5	1						10/19/21	12:55PM	✓	✓	✓	
	BOTTOM 42 @ 3								10/19/21	1:00PM	✓	✓	✓	
	BOTTOM 43 @ 3								10/19/21	1:05PM	✓	✓	✓	
	BOTTOM 44 @ 3								10/19/21	1:10PM	✓	✓	✓	
	BOTTOM 45 @ 3								10/19/21	1:15PM	✓	✓	✓	
	BOTTOM 46 @ 3								10/19/21	1:20PM	✓	✓	✓	
	BOTTOM 47 @ 3								10/19/21	1:25PM	✓	✓	✓	
	BOTTOM 48 @ 3								10/19/21	1:30PM	✓	✓	✓	
	BOTTOM 49 @ 3								10/19/21	1:35PM	✓	✓	✓	
	BOTTOM 50 @ 3								10/19/21	1:40PM	✓	✓	✓	

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Relinquished By: *R. Hernandez* Date: *10/20/21* Time: [blank]
 Received By: *J. Gentry* Date: *10/21/21* Time: [blank]
 Delivered By: (Circle One) *-5.4°C* Sample Condition *OK* CHECKED BY: *[Signature]*
 Sampler - UPS - Bus - Other: *-5X1.9°C #113* Cool Intact Yes No
 Phone Result: Yes No Add'l Phone #: [blank]
 Fax Result: Yes No Add'l Fax #: [blank]
 REMARKS: [blank]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #:
 Project Name: HEIGHT 6-7 (6-19-19)
 Project Location: NEW MEXICO
 Sampler Name: ROGER HERNANDEZ

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
4212912	BOTTOM 51 @ 3								10/19/21	1:45PM	CL BTEX TPH EXH	
	BOTTOM 52 @ 3								10/19/21	1:50PM		
	BOTTOM 53 @ 3								10/19/21	1:55PM		
	BOTTOM 54 @ 3								10/19/21	2:00PM		
	BOTTOM 55 @ 3								10/19/21	2:05PM		
	BOTTOM 56 @ 3								10/19/21	2:10PM		
	BOTTOM 57 @ 3								10/19/21	2:15PM		
	BOTTOM 58 @ 3								10/19/21	2:20PM		
	BOTTOM 59 @ 3								10/19/21	2:25PM		
	BOTTOM 60 @ 3								10/19/21	2:30PM		

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Relinquished By: *Roger Hernandez* Date: *10-20-21* Received By: *J. Gilman*

Delivered By: (Circle One) *-54°C* *-54.9°C #13* Sample Condition: Intact Cool Yes No

Sampler - UPS - Bus - Other: *UPS* CHECKED BY: *YG* (Initials)

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
10/21/21



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

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: HEIGHT 6-7 (6-19-19)
 Project Location: NEW MEXICO
 Sampler Name: ROGER HERNANDEZ
 P.O. #: Company: POH
 Attn: Address: City: Oxy
 State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H21297A	BOTTOM 61 @ 3	✓	1						10/19/21	2:35PM	✓	✓	✓	
	BOTTOM 62 @ 3	✓	1						10/19/21	2:40PM	✓	✓	✓	
	BOTTOM 63 @ 3	✓	1						10/19/21	2:45PM	✓	✓	✓	
	BOTTOM 64 @ 3	✓	1						10/19/21	2:50PM	✓	✓	✓	
	BOTTOM 65 @ 3	✓	1						10/19/21	2:55PM	✓	✓	✓	
	BOTTOM 66 @ 3	✓	1						10/19/21	3:00PM	✓	✓	✓	
	BOTTOM 67 @ 3	✓	1						10/19/21	3:05PM	✓	✓	✓	
	BOTTOM 68 @ 3	✓	1						10/19/21	3:10PM	✓	✓	✓	
	BOTTOM 69 @ 3	✓	1						10/19/21	3:15PM	✓	✓	✓	
	BOTTOM 70 @ 3	✓	1						10/19/21	3:20PM	✓	✓	✓	

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Relinquished By: *Roger Hernandez* Date: 10/19/21 Time: 14:40
 Received By: *J. Beck* Date: 10/19/21 Time: 12:05
 Delivered By: (Circle One) UPS Bus Other: *-5.42 10-058*
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *TS* (Initials)

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476
TS
 10/21/21



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

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: HEIGHT 6-7 (6-19-19)
 Project Location: NEW MEXICO
 Sampler Name: ROGER HERNANDEZ

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
11212472	BOTTOM 71 @ 3	↓	1							10/19/21	3:25PM	CL
71	BOTTOM 72 @ 3	↓	1							10/19/21	3:30PM	BTEX
												TPHEX

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Relinquished By: *Roger Hernandez* Date: *10/21/21* Time: *1410*
 Received By: *J. Gentry*
 Delivered By: (Circle One) *-5.40°C -0.5°C*
 Sampler - UPS - Bus - Other: *-5.4.9°C #113*
 Sample Condition: Yes No
 Cool In tact: Yes No
 CHECKED BY: *JG*

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

10/21/21

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS
 Action 92728

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 92728
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please note this site is in high karst territory and DTW is 36 ft bgs 0.19 miles from site measured in 2013. Chloride criteria would be 600 mg/kg. OCD has some flexibility in confirmation samples, however, in the future you can consider 1,150 mg/kg chloride to be too high to be left in place.	5/2/2022