

Closure Report

Incident ID's: NAB1906653179, NAB1906658390, & NAB1906727934

Site Description

Site Name:	Harroun 9 1 CTB
Company:	Oxy USA Inc.
Legal Description:	U/L P, Sec 9, T24S, R29E
County:	Eddy County, NM
GPS Coordinates:	N 32.22656 W -103.98248

Release Data

Date of Release:	(1/14/19, 1/21/19, 1/23/19)
Type of Release:	Produced Water
Source of Release:	Compromised poly discharge line
Volume of Release:	150 BBLS
Volume Recovered:	135 BBLS

Remediation Specifications

Remediation Parameters:	Excavated SP1, SP2, SP3, & SP4 to a 2 foot depth. SP5, SP6, SP7, & SP10 to a depth of 4 feet. Placed an impermeable liner on the bottom of the 4 foot excavation area. SP8 & SP9 were excavated to a one foot depth. Bottom and sidewall samples collected every 100 feet.	
	Backfilled site with clean soil.	
Remediation Activities:	11/19/2020 to 02/25/2021	
Plan Sent to OCD:	8/14/2019	Receipted on permit application
OCD Approval of Plan:	8/28/2019	Email from Robert Hamlet
Plan Sent to BLM:	N/A	
BLM Approval of Plan:	N/A	

Supporting Documentation

Initial C-141	Signed document for each incident
C-141, page 6	Signed document for each incident
Site Diagram	Google Earth Map for 3 incidents on same location
Pictures	Remediation pictures for all incidents combined
Lab Summary/Analysis	Report for 2-3-21 to 2-11-21
Depth to Groundwater	USGS Groundwater report

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.	3/17/2021

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	NAB1906653179
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

Latitude N 32.22656 Longitude W-103.98248
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	HARROUN 9 1 CTB	Site Type	BATTERY
Date Release Discovered	1/14/19	API# (if applicable)	30-015-34894

Unit Letter	Section	Township	Range	County
P	9	24S	29E	EDDY COUNTY, NM

Surface Owner: State Federal Tribal Private (Name: MCDONALD)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 110 BBLS	Volume Recovered (bbls) 105 BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

FIRE ON HEATER TREATER

Form C-141

State of New Mexico
Oil Conservation Division

Page 2

Incident ID	NAB1906653179
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Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? THE RELEASE WAS GREATER THAN 25 BBLs
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? YES BY WADE DITTRICH OF OXY TO MIKE BRATCHER AND ROBERT HAMLET OF NMOCD VIA EMAIL ON 1/15/19 AT 1:36 PM	

Initial Response

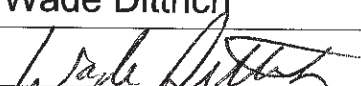
The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

- The source of the release has been stopped.
- The impacted area has been secured to protect human health and the environment.
- Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 2-26-19
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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Contact mailing address	PO BOX 4294; HOUSTON, TX 77210		

Location of Release Source

Latitude N 32.22656 Longitude W-103.98248
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	HARROUN 9 1 CTB	Site Type	BATTERY
Date Release Discovered	1/21/19	API# (if applicable)	30-015-34894

Unit Letter	Section	Township	Range	County
P	9	24S	29E	EDDY COUNTY, NM

Surface Owner: State Federal Tribal Private (Name: MCDONALD)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 15 BBLS	Volume Recovered (bbls) 10 BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release

COMPROMISED POLY DISCHARGE LINE FROM WATER TRANSFER PUMP DUE TO FIRE

Form C-141

State of New Mexico
Oil Conservation Division

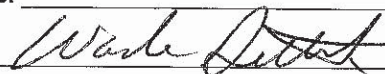
Page 2

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If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
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Printed Name: <u>Wade Dittrich</u> Title: <u>Environmental Coordinator</u> Signature: <u></u> Date: <u>2-26-19</u> email: <u>wade_dittrich@oxy.com</u> Telephone: <u>(575) 390-2828</u>
<u>OCD Only</u> Received by: _____ Date: _____

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Oil Conservation Division


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Initial Response

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

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<u>OCD Only</u>	
Received by: _____	Date: _____

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

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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)
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Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 3-16-21
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: Chad Hensley Date: 04/092021

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

Closure Approved by:  Date: 04/09/2021
 Printed Name: Chad Hensley Title: Environmental Specialist Advanced

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Oil Conservation Division

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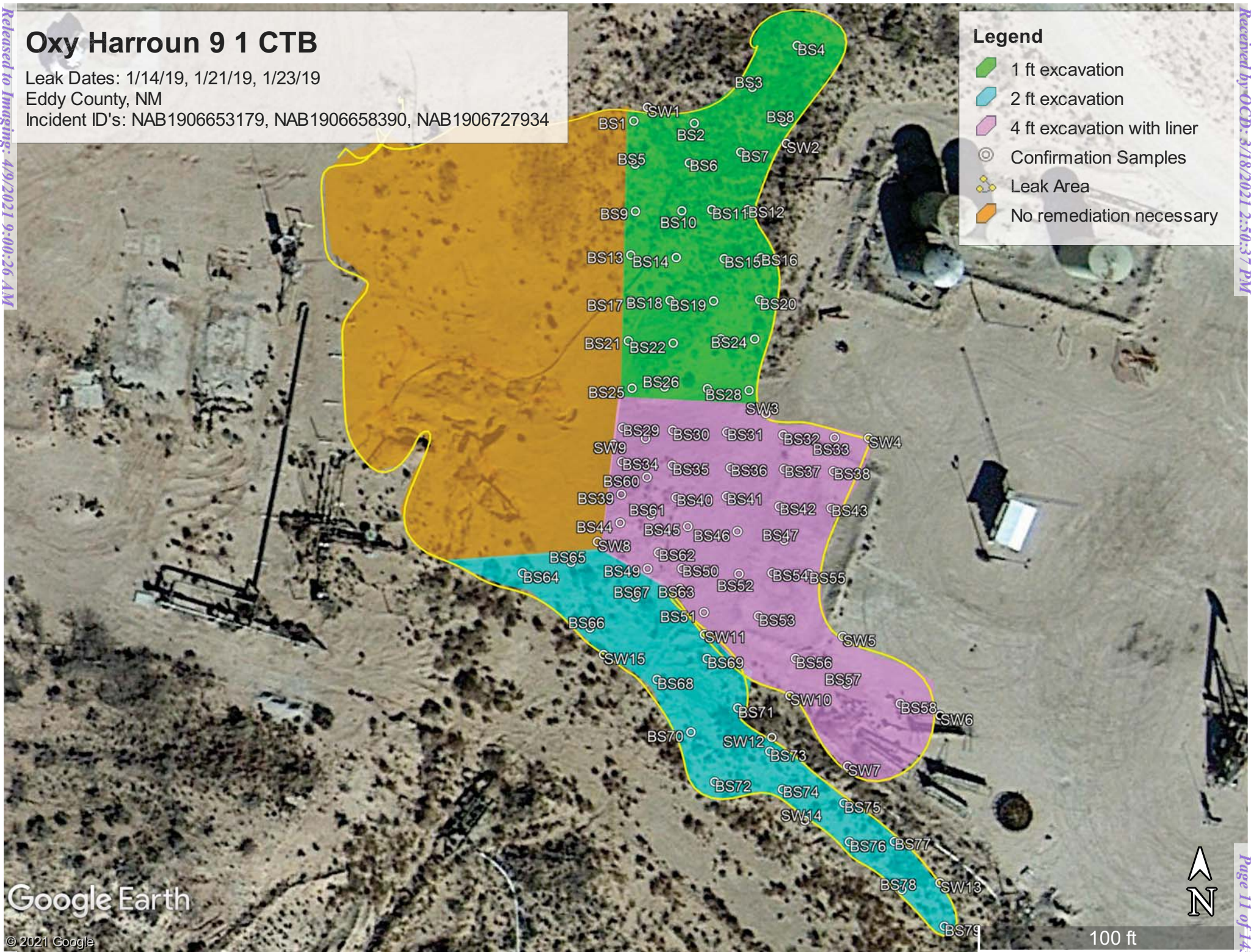
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Oxy Harroun 9 1 CTB

Leak Dates: 1/14/19, 1/21/19, 1/23/19
Eddy County, NM
Incident ID's: NAB1906653179, NAB1906658390, NAB1906727934

Legend

- 1 ft excavation
- 2 ft excavation
- 4 ft excavation with liner
- Confirmation Samples
- ⬢ Leak Area
- No remediation necessary



Google Earth

© 2021 Google



100 ft

Oxy, Harroun 9 1 CTB (1/14/19,
1/21/19, 1/23/19)

Confirmation Sample Points

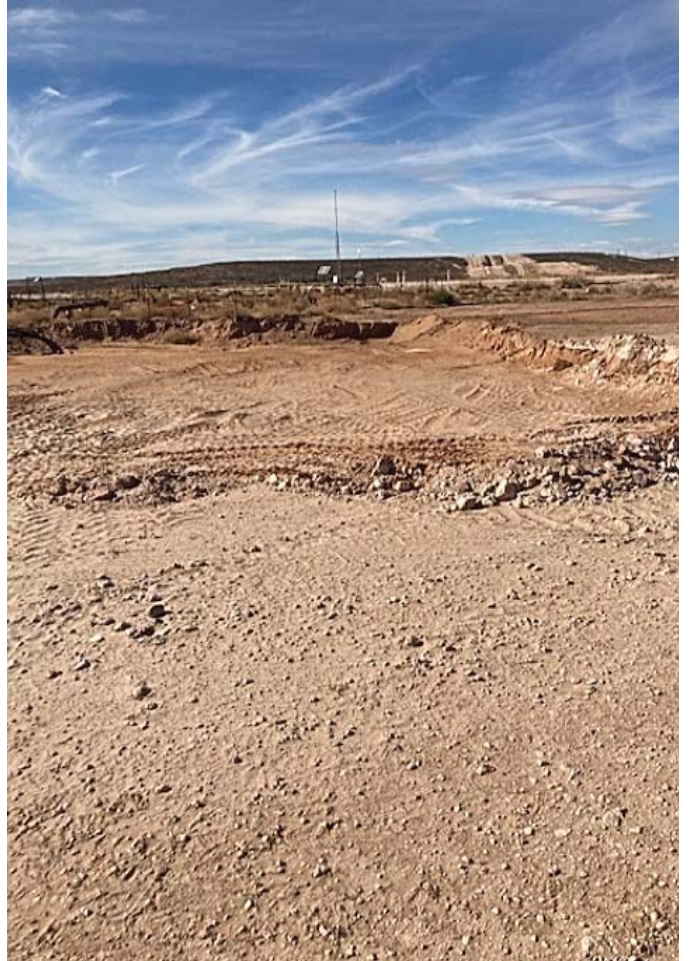
BS1, N 32.22693 W 103.98274
BS2, N 32.22692 W 103.98267
BS3, N 32.22696 W 103.98260
BS4, N 32.22700 W 103.98255
BS5, N 32.22688 W 103.98274
BS6, N 32.22688 W 103.98268
BS7, N 32.22689 W 103.98262
BS8, N 32.22693 W 103.98256
BS9, N 32.22683 W 103.98274
BS10, N 32.22683 W 103.98269
BS11, N 32.22684 W 103.98265
BS12, N 32.22684 W 103.98261
BS13, N 32.22679 W 103.98275
BS14, N 32.22679 W 103.98269
BS15, N 32.22679 W 103.98265
BS16, N 32.22679 W 103.98259
BS17, N 32.22674 W 103.98275
BS18, N 32.22674 W 103.98270
BS19, N 32.22674 W 103.98264
BS20, N 32.22674 W 103.98259
BS21, N 32.22670 W 103.98275
BS22, N 32.22670 W 103.98270
BS23, N 32.22670 W 103.98265
BS24, N 32.22670 W 103.98259
BS25, N 32.22665 W 103.98276

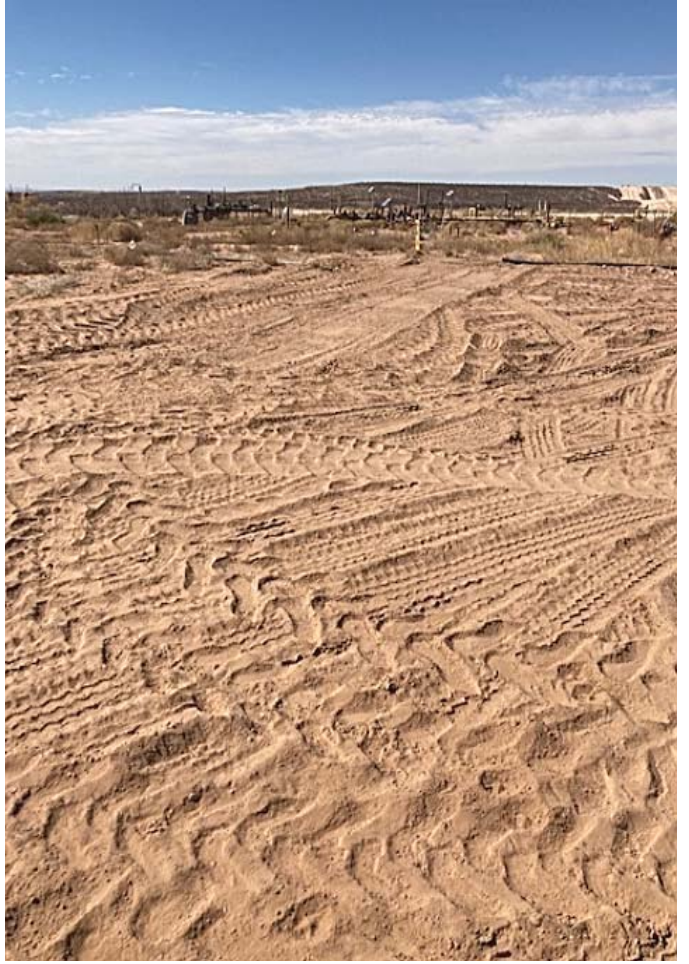
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BS27, N 32.22664 W 103.98267
BS28, N 32.22665 W 103.98261
BS29, N 32.22661 W 103.98276
BS30, N 32.22661 W 103.98270
BS31, N 32.22661 W 103.98263
BS32, N 32.22661 W 103.98256
BS33, N 32.22660 W 103.98250
BS34, N 32.22658 W 103.98276
BS35, N 32.22657 W 103.98270
BS36, N 32.22657 W 103.98263
BS37, N 32.22657 W 103.98256
BS38, N 32.22657 W 103.98250
BS39, N 32.22654 W 103.98276
BS40, N 32.22654 W 103.98269
BS41, N 32.22654 W 103.98263
BS42, N 32.22653 W 103.98257
BS43, N 32.22653 W 103.98251
BS44, N 32.22652 W 103.98276
BS45, N 32.22651 W 103.98268
BS46, N 32.22651 W 103.98262
BS47, N 32.22650 W 103.98256
BS48, N 32.22649 W 103.98276
BS49, N 32.22647 W 103.98273
BS50, N 32.22647 W 103.98269

BS51, N 32.22642 W 103.98266	BS78, N 32.22614 W 103.98242
BS52, N 32.22646 W 103.98262	BS79, N 32.22610 W 103.98237
BS53, N 32.22642 W 103.98259	SW1, N 32.22694 W 103.98273
BS54, N 32.22646 W 103.98258	SW2, N 32.22690 W 103.98256
BS55, N 32.22646 W 103.98253	SW3, N 32.22663 W 103.98259
BS56, N 32.22638 W 103.98255	SW4, N 32.22660 W 103.98246
BS57, N 32.22635 W 103.98249	SW5, N 32.22640 W 103.98249
BS58, N 32.22633 W 103.98242	SW6, N 32.22632 W 103.98238
BS59, N 32.22660 W 103.98273	SW7, N 32.22626 W 103.98249
BS60, N 32.22656 W 103.98273	SW8, N 32.22649 W 103.98278
BS61, N 32.22652 W 103.98272	SW9, N 32.22660 W 103.98277
BS62, N 32.22649 W 103.98271	SW10, N 32.22634 W 103.98256
BS63, N 32.22645 W 103.98269	SW11, N 32.22640 W 103.98266
BS64, N 32.22646 W 103.98288	SW12, N 32.22630 W 103.98258
BS65, N 32.22648 W 103.98282	SW13, N 32.22615 W 103.98238
BS66, N 32.22641 W 103.98280	SW14, N 32.22621 W 103.98254
BS67, N 32.22644 W 103.98274	SW15, N 32.22638 W 103.98278
BS68, N 32.22636 W 103.98272	
BS69, N 32.22638 W 103.98266	
BS70, N 32.22630 W 103.98268	
BS71, N 32.22633 W 103.98262	
BS72, N 32.22625 W 103.98265	
BS73, N 32.22628 W 103.98258	
BS74, N 32.22624 W 103.98257	
BS75, N 32.22623 W 103.98249	
BS76, N 32.22619 W 103.98248	
BS77, N 32.22619 W 103.98243	











Laboratory Analytical Results Summary
 Harroun 9-1 CTB (1/14/19, 1/21/19, 1/23/19)

		Sample ID	BS1	BS2	BS3	BS4	BS5	BS6	BS7	BS8	BS9	BS10
Analyte	Method	Date	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21
			mg/kg	mg/kg	mg/kg	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
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		144	64.0	160	96.0	192	240	80.0	64.0	288	32.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<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

		Sample ID	BS11	BS12	BS13	BS14	BS15	BS16	BS17	BS18	BS19	BS20
Analyte	Method	Date	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21
			mg/kg	mg/kg	mg/kg	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
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		112	224	224	64.0	304	144	80.0	176	48.0	32.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<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

		Sample ID	BS21	BS22	BS23	BS24	BS25	BS26	BS27	BS28	BS29	BS30
Analyte	Method	Date	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21
			mg/kg	mg/kg	mg/kg	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
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		16.0	32.0	48.0	16.0	48.0	16.0	32.0	32.0	32.0	32.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<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

		Sample ID	BS31	BS32	BS33	BS34	BS35	BS35A	BS36	BS37	BS38	BS38A	BS39	BS39A	BS40
Analyte	Method	Date	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/11/21	2/3/21	2/3/21	2/3/21	2/11/21	2/3/21	2/11/21	2/3/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	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
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
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
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
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
Chloride	SM4500Cl-B		32.0	32.0	16.0	32.0	864	32.0	368	464	752	<16.0	1060	<16.0	368
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
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
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

Laboratory Analytical Results Summary
Harroun 9-1 CTB (1/14/19, 1/21/19, 1/23/19)

Analyte	Method	Sample ID Date	BS41	BS41A	BS42	BS43	BS44	BS45	BS46	BS47	BS48	BS49	BS50
			2/3/21	2/11/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21	2/3/21
			mg/kg	mg/kg	mg/kg	mg/kg	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
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		896	<16.0	32.0	<16.0	<16.0	16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<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
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

Analyte	Method	Sample ID Date	BS51	BS52	BS53	BS54	BS55	BS56	BS57	BS58	BS59	BS60
			2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21
			mg/kg	mg/kg	mg/kg	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
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0	<16.0	<16.0	32.0	<16.0	<16.0	16.0	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<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

Analyte	Method	Sample ID Date	BS61	BS62	BS63	BS64	BS65	BS66	BS67	BS67A	BS68	BS68A	BS69	BS69A	BS70
			2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/11/21	2/4/21	2/4/21
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	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
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
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
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
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
Chloride	SM4500CI-B		<16.0	<16.0	<16.0	<16.0	160	48.0	1220	<67.0	2320	<16.0	736	<16.0	48.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<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
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

Analyte	Method	Sample ID Date	BS71	BS72	BS73	BS74	BS75	BS76	BS77	BS78	BS79
			2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21
			mg/kg	mg/kg	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
Toluene	BTEX 8021B		<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
Total Xylenes	BTEX 8021B		<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
Chloride	SM4500CI-B		16.0	<16.0	176	144	320	576	64.0	368	192
GRO	TPH 8015M		<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
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Laboratory Analytical Results Summary
Harroun 9-1 CTB (1/14/19, 1/21/19, 1/23/19)

Analyte	Method	Sample ID	SW1	SW2	SW3A	SW4	SW5	SW6	SW7	SW8	SW9	SW9A	SW10
			2/4/21	2/4/21	2/11/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/11/21
		Date	mg/kg	mg/kg	mg/kg	mg/kg	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
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		192	80.0	<16.0	368	16.0	16.0	544	48.0	736	<16.0	112
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	59.7	<10.0	<10.0	17.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	14.2	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Analyte	Method	Sample ID	SW11	SW12	SW13	SW14	SW15	SW15A
			2/4/21	2/4/21	2/4/21	2/4/21	2/4/21	2/11/21
		Date	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	n/a	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	n/a	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	n/a	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	n/a	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	n/a	<0.300
Chloride	SM4500Cl-B		16.0	224	96.0	<16.0	768	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	n/a	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	n/a	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	n/a	<10.0



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

February 09, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: HARROUN 9-1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/05/21 8:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 1 (H210293-01)

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	02/05/2021	ND	2.01	100	2.00	0.410	
Toluene*	<0.050	0.050	02/05/2021	ND	2.02	101	2.00	0.480	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.01	100	2.00	0.117	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.37	106	6.00	0.546	
Total BTEX	<0.300	0.300	02/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/08/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	215	108	200	8.28	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	221	110	200	4.90	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 93.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.3 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 2 (H210293-02)

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	02/05/2021	ND	2.01	100	2.00	0.410	
Toluene*	<0.050	0.050	02/05/2021	ND	2.02	101	2.00	0.480	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.01	100	2.00	0.117	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.37	106	6.00	0.546	
Total BTEX	<0.300	0.300	02/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/08/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	215	108	200	8.28	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	221	110	200	4.90	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.2 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 3 (H210293-03)

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	02/05/2021	ND	2.01	100	2.00	0.410		
Toluene*	<0.050	0.050	02/05/2021	ND	2.02	101	2.00	0.480		
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.01	100	2.00	0.117		
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.37	106	6.00	0.546		
Total BTEX	<0.300	0.300	02/05/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/08/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	215	108	200	8.28		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	221	110	200	4.90		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 96.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.6 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 4 (H210293-04)

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	02/05/2021	ND	2.01	100	2.00	0.410	
Toluene*	<0.050	0.050	02/05/2021	ND	2.02	101	2.00	0.480	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.01	100	2.00	0.117	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.37	106	6.00	0.546	
Total BTEX	<0.300	0.300	02/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/08/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 111 % 44.3-144

Surrogate: 1-Chlorooctadecane 107 % 42.2-156

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Analytical Results For:

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

Received:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 5 (H210293-05)

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	02/05/2021	ND	2.01	100	2.00	0.410	
Toluene*	<0.050	0.050	02/05/2021	ND	2.02	101	2.00	0.480	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.01	100	2.00	0.117	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.37	106	6.00	0.546	
Total BTEX	<0.300	0.300	02/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/08/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 6 (H210293-06)

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	02/05/2021	ND	2.01	100	2.00	0.410	
Toluene*	<0.050	0.050	02/05/2021	ND	2.02	101	2.00	0.480	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.01	100	2.00	0.117	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.37	106	6.00	0.546	
Total BTEX	<0.300	0.300	02/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/08/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 7 (H210293-07)

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	02/06/2021	ND	2.01	100	2.00	0.410	
Toluene*	<0.050	0.050	02/06/2021	ND	2.02	101	2.00	0.480	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.01	100	2.00	0.117	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.37	106	6.00	0.546	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/08/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 109 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 8 (H210293-08)

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	02/06/2021	ND	2.01	100	2.00	0.410	
Toluene*	<0.050	0.050	02/06/2021	ND	2.02	101	2.00	0.480	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.01	100	2.00	0.117	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.37	106	6.00	0.546	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/08/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 114 % 44.3-144

Surrogate: 1-Chlorooctadecane 112 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 9 (H210293-09)

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	02/06/2021	ND	2.01	100	2.00	0.410		
Toluene*	<0.050	0.050	02/06/2021	ND	2.02	101	2.00	0.480		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.01	100	2.00	0.117		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.37	106	6.00	0.546		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/08/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 108 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 10 (H210293-10)

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	02/06/2021	ND	2.01	100	2.00	0.410	
Toluene*	<0.050	0.050	02/06/2021	ND	2.02	101	2.00	0.480	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.01	100	2.00	0.117	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.37	106	6.00	0.546	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 11 (H210293-11)

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	02/06/2021	ND	2.01	100	2.00	0.410	
Toluene*	<0.050	0.050	02/06/2021	ND	2.02	101	2.00	0.480	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.01	100	2.00	0.117	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.37	106	6.00	0.546	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/08/2021	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 12 (H210293-12)

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	02/06/2021	ND	2.01	100	2.00	0.410		
Toluene*	<0.050	0.050	02/06/2021	ND	2.02	101	2.00	0.480		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.01	100	2.00	0.117		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.37	106	6.00	0.546		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	02/08/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 109 % 44.3-144

Surrogate: 1-Chlorooctadecane 107 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 13 (H210293-13)

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	02/05/2021	ND	2.17	108	2.00	6.25		
Toluene*	<0.050	0.050	02/05/2021	ND	2.12	106	2.00	6.64		
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.07	103	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.05	101	6.00	5.93		
Total BTEX	<0.300	0.300	02/05/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	02/08/2021	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 107 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 14 (H210293-14)

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	02/05/2021	ND	2.17	108	2.00	6.25		
Toluene*	<0.050	0.050	02/05/2021	ND	2.12	106	2.00	6.64		
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.07	103	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.05	101	6.00	5.93		
Total BTEX	<0.300	0.300	02/05/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/08/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 111 % 44.3-144

Surrogate: 1-Chlorooctadecane 109 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 15 (H210293-15)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2021	ND	2.17	108	2.00	6.25	
Toluene*	<0.050	0.050	02/05/2021	ND	2.12	106	2.00	6.64	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.07	103	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.05	101	6.00	5.93	
Total BTEX	<0.300	0.300	02/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/08/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 107 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 16 (H210293-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2021	ND	2.17	108	2.00	6.25	
Toluene*	<0.050	0.050	02/05/2021	ND	2.12	106	2.00	6.64	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.07	103	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.05	101	6.00	5.93	
Total BTEX	<0.300	0.300	02/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/08/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 17 (H210293-17)

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	02/05/2021	ND	2.17	108	2.00	6.25	
Toluene*	<0.050	0.050	02/05/2021	ND	2.12	106	2.00	6.64	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.07	103	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.05	101	6.00	5.93	
Total BTEX	<0.300	0.300	02/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/08/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.9 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 18 (H210293-18)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/05/2021	ND	2.17	108	2.00	6.25	
Toluene*	<0.050	0.050	02/05/2021	ND	2.12	106	2.00	6.64	
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.07	103	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.05	101	6.00	5.93	
Total BTEX	<0.300	0.300	02/05/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/08/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 19 (H210293-19)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/05/2021	ND	2.17	108	2.00	6.25		
Toluene*	<0.050	0.050	02/05/2021	ND	2.12	106	2.00	6.64		
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.07	103	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.05	101	6.00	5.93		
Total BTEX	<0.300	0.300	02/05/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/08/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/06/2021	ND	241	121	200	1.38		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	236	118	200	1.08		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 99.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.3 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 20 (H210293-20)

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	02/05/2021	ND	2.17	108	2.00	6.25		
Toluene*	<0.050	0.050	02/05/2021	ND	2.12	106	2.00	6.64		
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.07	103	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.05	101	6.00	5.93		
Total BTEX	<0.300	0.300	02/05/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/08/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/06/2021	ND	241	121	200	1.38		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	236	118	200	1.08		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 99.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.1 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 21 (H210293-21)

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	02/05/2021	ND	2.17	108	2.00	6.25		
Toluene*	<0.050	0.050	02/05/2021	ND	2.12	106	2.00	6.64		
Ethylbenzene*	<0.050	0.050	02/05/2021	ND	2.07	103	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/05/2021	ND	6.05	101	6.00	5.93		
Total BTEX	<0.300	0.300	02/05/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/06/2021	ND	241	121	200	1.38		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	236	118	200	1.08		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 108 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 22 (H210293-22)

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	02/06/2021	ND	2.17	108	2.00	6.25		
Toluene*	<0.050	0.050	02/06/2021	ND	2.12	106	2.00	6.64		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.07	103	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.05	101	6.00	5.93		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/08/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/06/2021	ND	241	121	200	1.38		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	236	118	200	1.08		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 105 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 23 (H210293-23)

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	02/06/2021	ND	2.17	108	2.00	6.25	
Toluene*	<0.050	0.050	02/06/2021	ND	2.12	106	2.00	6.64	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.07	103	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.05	101	6.00	5.93	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/08/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/06/2021	ND	241	121	200	1.38	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	236	118	200	1.08	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.5 % 42.2-156

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Analytical Results For:

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

Received:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 24 (H210293-24)

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	02/06/2021	ND	2.17	108	2.00	6.25	
Toluene*	<0.050	0.050	02/06/2021	ND	2.12	106	2.00	6.64	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.07	103	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.05	101	6.00	5.93	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 84.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.0 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 25 (H210293-25)

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	02/06/2021	ND	2.17	108	2.00	6.25		
Toluene*	<0.050	0.050	02/06/2021	ND	2.12	106	2.00	6.64		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.07	103	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.05	101	6.00	5.93		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/08/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	225	112	200	3.98		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 81.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.3 % 42.2-156

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Analytical Results For:

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

Received:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 26 (H210293-26)

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	02/06/2021	ND	2.17	108	2.00	6.25	
Toluene*	<0.050	0.050	02/06/2021	ND	2.12	106	2.00	6.64	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.07	103	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.05	101	6.00	5.93	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/08/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 79.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.0 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 27 (H210293-27)

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	02/06/2021	ND	2.17	108	2.00	6.25		
Toluene*	<0.050	0.050	02/06/2021	ND	2.12	106	2.00	6.64		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.07	103	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.05	101	6.00	5.93		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/08/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	225	112	200	3.98		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 86.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.0 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 28 (H210293-28)

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	02/06/2021	ND	2.17	108	2.00	6.25		
Toluene*	<0.050	0.050	02/06/2021	ND	2.12	106	2.00	6.64		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.07	103	2.00	6.43		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.05	101	6.00	5.93		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/08/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	225	112	200	3.98		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 86.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.0 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 29 (H210293-29)

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	02/06/2021	ND	2.17	108	2.00	6.25	
Toluene*	<0.050	0.050	02/06/2021	ND	2.12	106	2.00	6.64	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.07	103	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.05	101	6.00	5.93	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.6 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 30 (H210293-30)

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	02/06/2021	ND	2.17	108	2.00	6.25	
Toluene*	<0.050	0.050	02/06/2021	ND	2.12	106	2.00	6.64	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.07	103	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.05	101	6.00	5.93	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 86.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.3 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 31 (H210293-31)

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	02/06/2021	ND	2.17	108	2.00	6.25	
Toluene*	<0.050	0.050	02/06/2021	ND	2.12	106	2.00	6.64	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.07	103	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.05	101	6.00	5.93	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.6 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 32 (H210293-32)

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	02/06/2021	ND	2.17	108	2.00	6.25	
Toluene*	<0.050	0.050	02/06/2021	ND	2.12	106	2.00	6.64	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.07	103	2.00	6.43	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.05	101	6.00	5.93	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2021	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.4 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 33 (H210293-33)

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	02/06/2021	ND	2.13	107	2.00	0.140		
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/05/2021	ND	225	112	200	3.98		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 86.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.0 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 34 (H210293-34)

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	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2021	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	02/05/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 82.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.0 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 35 (H210293-35)

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	02/06/2021	ND	2.13	107	2.00	0.140		
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	864	16.0	02/08/2021	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	02/05/2021	ND	225	112	200	3.98		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	231	115	200	1.18		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 85.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.2 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 36 (H210293-36)

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	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/08/2021	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	02/06/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.2 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 37 (H210293-37)

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	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	02/08/2021	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	02/06/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 85.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.1 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 38 (H210293-38)

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	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	752	16.0	02/08/2021	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	02/06/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.8 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 39 (H210293-39)

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	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1060	16.0	02/08/2021	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	02/06/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 83.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.7 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 40 (H210293-40)

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	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/08/2021	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	02/06/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.2 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 41 (H210293-41)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/06/2021	ND	2.13	107	2.00	0.140		
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	02/08/2021	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	02/06/2021	ND	225	112	200	3.98		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	231	115	200	1.18		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 83.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.1 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 42 (H210293-42)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/08/2021	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	02/06/2021	ND	225	112	200	3.98	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	231	115	200	1.18	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 84.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.9 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 43 (H210293-43)

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	02/06/2021	ND	2.13	107	2.00	0.140		
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	112	200	3.98		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	231	115	200	1.18		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 89.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.9 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 44 (H210293-44)

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	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

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	02/08/2021	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	02/05/2021	ND	225	113	200	3.48	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	233	117	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 83.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.4 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 45 (H210293-45)

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	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/08/2021	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	02/05/2021	ND	225	113	200	3.48	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	233	117	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 84.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.1 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 46 (H210293-46)

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	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/05/2021	ND	225	113	200	3.48	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	233	117	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 81.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.0 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 47 (H210293-47)

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	02/06/2021	ND	2.13	107	2.00	0.140		
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/05/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 80.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.4 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 48 (H210293-48)

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	02/06/2021	ND	2.13	107	2.00	0.140		
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/05/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 79.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.5 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 49 (H210293-49)

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	02/06/2021	ND	2.13	107	2.00	0.140		
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/05/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND						

Surrogate: 1-Chlorooctane 85.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.0 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/03/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 50 (H210293-50)

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	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/05/2021	ND	225	113	200	3.48	
DRO >C10-C28*	<10.0	10.0	02/05/2021	ND	233	117	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/05/2021	ND					

Surrogate: 1-Chlorooctane 81.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.6 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 51 (H210293-51)

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	02/06/2021	ND	2.13	107	2.00	0.140	
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 82.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.3 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 52 (H210293-52)

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	02/06/2021	ND	2.13	107	2.00	0.140		
Toluene*	<0.050	0.050	02/06/2021	ND	2.09	104	2.00	0.200		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.04	102	2.00	0.288		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	5.99	99.9	6.00	0.522		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 82.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.6 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 53 (H210293-53)

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	02/06/2021	ND	2.18	109	2.00	3.75	
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 86.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.7 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 54 (H210293-54)

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	02/06/2021	ND	2.18	109	2.00	3.75		
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 83.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.1 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 55 (H210293-55)

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	02/06/2021	ND	2.18	109	2.00	3.75	
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 82.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 84.2 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 56 (H210293-56)

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	02/06/2021	ND	2.18	109	2.00	3.75		
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/08/2021	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	02/06/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 84.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.1 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 57 (H210293-57)

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	02/06/2021	ND	2.18	109	2.00	3.75		
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 80.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.1 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 58 (H210293-58)

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	02/06/2021	ND	2.18	109	2.00	3.75		
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 81.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 80.2 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 59 (H210293-59)

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	02/06/2021	ND	2.18	109	2.00	3.75	
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 87.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.4 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 60 (H210293-60)

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	02/06/2021	ND	2.18	109	2.00	3.75		
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 87.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.8 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 61 (H210293-61)

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	02/06/2021	ND	2.18	109	2.00	3.75		
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 85.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.7 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 62 (H210293-62)

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	02/06/2021	ND	2.18	109	2.00	3.75		
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 84.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 82.3 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 63 (H210293-63)

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	02/06/2021	ND	2.18	109	2.00	3.75		
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	225	113	200	3.48		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	233	117	200	4.02		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 89.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.7 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 64 (H210293-64)

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	02/06/2021	ND	2.18	109	2.00	3.75	
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 91.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.5 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 65 (H210293-65)

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	02/06/2021	ND	2.18	109	2.00	3.75	
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 93.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.7 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 66 (H210293-66)

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	02/06/2021	ND	2.18	109	2.00	3.75	
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 91.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.7 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 67 (H210293-67)

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	02/06/2021	ND	2.18	109	2.00	3.75	
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.0 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 68 (H210293-68)

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	02/06/2021	ND	2.18	109	2.00	3.75		
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 91.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.5 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 69 (H210293-69)

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	02/06/2021	ND	2.18	109	2.00	3.75	
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 91.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.7 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 70 (H210293-70)

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	02/06/2021	ND	2.18	109	2.00	3.75		
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 91.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.5 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 71 (H210293-71)

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	02/06/2021	ND	2.18	109	2.00	3.75	
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14	
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88	
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53	
Total BTEX	<0.300	0.300	02/06/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.3 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 72 (H210293-72)

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	02/06/2021	ND	2.18	109	2.00	3.75		
Toluene*	<0.050	0.050	02/06/2021	ND	2.14	107	2.00	4.14		
Ethylbenzene*	<0.050	0.050	02/06/2021	ND	2.09	105	2.00	3.88		
Total Xylenes*	<0.150	0.150	02/06/2021	ND	6.12	102	6.00	3.53		
Total BTEX	<0.300	0.300	02/06/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/08/2021	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	02/06/2021	ND	231	115	200	1.91		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 94.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.0 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 73 (H210293-73)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 93.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.2 % 42.2-156

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Analytical Results For:

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

Received:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 74 (H210293-74)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/08/2021	ND	400	100	400	0.00	QM-07

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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 85.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.8 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 75 (H210293-75)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 88.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.4 % 42.2-156

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Analytical Results For:

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

Received:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 76 (H210293-76)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 77 (H210293-77)

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	02/08/2021	ND	2.01	101	2.00	6.08		
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99		
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16		
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60		
Total BTEX	<0.300	0.300	02/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91		
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891		
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND						

Surrogate: 1-Chlorooctane 89.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.5 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 78 (H210293-78)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 91.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 92.2 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 79 (H210293-79)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 93.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.9 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 1 (H210293-80)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 90.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.7 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 2 (H210293-81)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.3 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 3 (H210293-82)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	02/08/2021	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	02/06/2021	ND	231	115	200	1.91	
DRO >C10-C28*	<10.0	10.0	02/06/2021	ND	232	116	200	0.891	
EXT DRO >C28-C36	<10.0	10.0	02/06/2021	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.9 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 4 (H210293-83)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/08/2021	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	02/08/2021	ND	214	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	108	200	0.161	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 84.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 88.9 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 5 (H210293-84)

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	02/08/2021	ND	2.01	101	2.00	6.08		
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99		
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16		
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60		
Total BTEX	<0.300	0.300	02/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

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	02/08/2021	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	02/08/2021	ND	214	107	200	1.68		
DRO >C10-C28*	59.7	10.0	02/08/2021	ND	217	108	200	0.161		
EXT DRO >C28-C36	14.2	10.0	02/08/2021	ND						

Surrogate: 1-Chlorooctane 89.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 6 (H210293-85)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/08/2021	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	02/08/2021	ND	214	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	108	200	0.161	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 83.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.0 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 7 (H210293-86)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	02/08/2021	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	02/08/2021	ND	214	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	108	200	0.161	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.7 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 8 (H210293-87)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/08/2021	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	02/08/2021	ND	214	107	200	1.68	
DRO >C10-C28*	17.0	10.0	02/08/2021	ND	217	108	200	0.161	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 89.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 95.9 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 9 (H210293-88)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	02/08/2021	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	02/08/2021	ND	214	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	108	200	0.161	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 87.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.9 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 10 (H210293-89)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/08/2021	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	02/08/2021	ND	214	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	108	200	0.161	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 83.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.4 % 42.2-156

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Analytical Results For:

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 P.O. Box 805
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 Fax To: (575) 397-0397

Received:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 11 (H210293-90)

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	02/08/2021	ND	2.01	101	2.00	6.08		
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99		
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16		
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60		
Total BTEX	<0.300	0.300	02/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

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	02/08/2021	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	02/08/2021	ND	214	107	200	1.68		
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	108	200	0.161		
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND						

Surrogate: 1-Chlorooctane 89.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.9 % 42.2-156

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Analytical Results For:

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

Received:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 12 (H210293-91)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/08/2021	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	02/08/2021	ND	214	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	108	200	0.161	
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND					

Surrogate: 1-Chlorooctane 87.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 91.6 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 13 (H210293-92)

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	02/08/2021	ND	2.01	101	2.00	6.08	
Toluene*	<0.050	0.050	02/08/2021	ND	2.06	103	2.00	4.99	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	2.03	101	2.00	5.16	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	6.34	106	6.00	5.60	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/08/2021	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	02/09/2021	ND	214	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	217	108	200	0.161	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 98.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 97.4 % 42.2-156

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Analytical Results For:

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

Received:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 14 (H210293-93)

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	02/08/2021	ND	2.04	102	2.00	7.85	
Toluene*	<0.050	0.050	02/08/2021	ND	2.00	100	2.00	7.95	
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	1.95	97.6	2.00	8.27	
Total Xylenes*	<0.150	0.150	02/08/2021	ND	5.71	95.2	6.00	7.99	
Total BTEX	<0.300	0.300	02/08/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/08/2021	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	02/09/2021	ND	214	107	200	1.68	
DRO >C10-C28*	<10.0	10.0	02/09/2021	ND	217	108	200	0.161	
EXT DRO >C28-C36	<10.0	10.0	02/09/2021	ND					

Surrogate: 1-Chlorooctane 99.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.9 % 42.2-156

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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:	02/05/2021	Sampling Date:	02/04/2021
Reported:	02/09/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 15 (H210293-94)

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	02/08/2021	ND	2.04	102	2.00	7.85		
Toluene*	<0.050	0.050	02/08/2021	ND	2.00	100	2.00	7.95		
Ethylbenzene*	<0.050	0.050	02/08/2021	ND	1.95	97.6	2.00	8.27		
Total Xylenes*	<0.150	0.150	02/08/2021	ND	5.71	95.2	6.00	7.99		
Total BTEX	<0.300	0.300	02/08/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	02/08/2021	ND	400	100	400	0.00	QM-07	

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	02/08/2021	ND	214	107	200	1.68		
DRO >C10-C28*	<10.0	10.0	02/08/2021	ND	217	108	200	0.161		
EXT DRO >C28-C36	<10.0	10.0	02/08/2021	ND						

Surrogate: 1-Chlorooctane 86.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.8 % 42.2-156

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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.
A-01 No surrogate added
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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

1 of 10

Company Name: BBC INTERNATIONAL				BILL TO				ANALYSIS REQUEST														
Project Manager: Cliff Brunson				P.O. #:																		
Address: 1324 W. MARLAND				Company:																		
City: Hobbs		State: NM		Zip: 88240		Attn:																
Phone #: (575) 397 6388		Fax #: (575) 397 0397		Address: Oxy																		
Project #:		Project Owner: Oxy		City:																		
Project Name: HARROUN 9-1 CTB				State: Zip:																		
Project Location:				Phone #:																		
Sampler Name: Roger Hernandez				Fax #:																		
FOR LAB USE ONLY																						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.			SAMPLING												
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:										
H210293																						
1	Bottom	1	G			✓				✓			2-3-21	850	✓	✓	✓					
2	Bottom	2	G			✓				✓			2-3-21	900	✓	✓	✓					
3	Bottom		G			✓				✓			2-3-21	905	✓	✓	✓					
4	Bottom		G			✓				✓			2-3-21	915	✓	✓	✓					
5	Bottom	5	G			✓				✓			2-3-21	920	✓	✓	✓					
6	Bottom	6	G			✓				✓			2-3-21	930	✓	✓	✓					
7	Bottom	7	G			✓				✓			2-3-21	935	✓	✓	✓					
8	Bottom	8	G			✓				✓			2-3-21	945	✓	✓	✓					
9	Bottom	9	G			✓				✓			2-3-21	950	✓	✓	✓					
10	Bottom	10	G			✓				✓			2-3-21	1000	✓	✓	✓					

TPH
BTEX
Cl-

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Relinquished By: Roger Hernandez	Date: 2-15-21	Received By: Juanita Aldatej	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	
Time: 8:32			All Results are emailed. Please provide Email address:		
Relinquished By:	Date:	Received By:	REMARKS:		
Time:					
Delivered By: (Circle One)	Observed Temp. °C 5.9	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) JO	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No
Sampler - UPS - Bus - Other:	Corrected Temp. °C	<input type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID #113	<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> No <input type="checkbox"/> No		Correction Factor None	<input type="checkbox"/> No <input type="checkbox"/> No

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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2 of 0

Company Name: BBC International		BILL TO		ANALYSIS REQUEST											
Project Manager:		P.O. #:													
Address:		Company:													
City:	State: NM Zip: 88240	Attn: oxy													
Phone #:	Fax #:	Address:													
Project #:	Project Owner:	City:													
Project Name: HARROUN 9-1 CTB		State: Zip:													
Project Location:		Phone #:													
Sampler Name: Roger Hernandez		Fax #:													

FOR LAB USE ONLY		Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME	TPH	BTEX	CL-
GROUNDWATER	WASTEWATER					SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:								
		H210293																		
		11	Bottom	11	1			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			2-3-21	1005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		12	Bottom	12	1			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			2-3-21	1015	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		13	Bottom	13	1			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			2-3-21	1020	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		14	Bottom	14	1			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			2-3-21	1030	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		15	Bottom	15	1			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			2-3-21	1035	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		16	Bottom	16	1			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			2-3-21	1045	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		17	Bottom	17	1			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			2-3-21	1050	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		18	Bottom	18	1			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			2-3-21	1100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		19	Bottom	19	1			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			2-3-21	1105	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		20	Bottom	20	1			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			2-3-21	1115	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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Relinquished By: Roger Hernandez	Date: 2-5-21	Received By: Temara Oldaker	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
	Time: 0832		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.9	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) TO
	Corrected Temp. °C	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C
		Thermometer ID #113 Correction Factor None	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

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Page 99 of 106

Company Name: BBC International		BILL TO				ANALYSIS REQUEST												
Project Manager:		P.O. #:				<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BLEK</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">EXT</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CL-</div> </div>												
Address:		Company:																
City: State: NM Zip: 88240		Attn: Oxy																
Phone #: Fax #:		Address:																
Project #: Project Owner: OXY		City:																
Project Name: Harroun 9-1 CTB		State: Zip:																
Project Location:		Phone #:																
Sampler Name: Roger Hernandez		Fax #:																
FOR LAB USE ONLY		MATRIX		PRESERV		SAMPLING												
Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME				
HAI0293																		
21	BOTTOM 21	G	1			✓				✓			2.3.21	1120	✓	✓	✓	
22	BOTTOM 22	G	1			✓				✓			2.3.21	1130	✓	✓	✓	
23	BOTTOM 23	G	1			✓				✓			2.3.21	1135	✓	✓	✓	
24	BOTTOM 24	G	1			✓				✓			2.3.21	1145	✓	✓	✓	
25	BOTTOM 25	G	1			✓				✓			2.3.21	1150	✓	✓	✓	
26	BOTTOM 26	G	1			✓				✓			2.3.21	1200	✓	✓	✓	
27	BOTTOM 27	G	1			✓				✓			2.3.21	1205	✓	✓	✓	
28	BOTTOM 28	G	1			✓				✓			2.3.21	1215	✓	✓	✓	
29	BOTTOM 29	G	1			✓				✓			2.3.21	1220	✓	✓	✓	
30	BOTTOM 30	G	1			✓				✓			2.3.21	1230	✓	✓	✓	

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Relinquished By: Roger Hernandez	Date: 2-5-21 Time: 0832	Received By: Amara Oldaker	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.9 Corrected Temp. °C	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	REMARKS:
		CHECKED BY: (Initials) JO	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
			Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

FORM-000 R 3.1 06/04/20

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240
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Page 100 of 106

Company Name: <i>BBC International</i>		BILL TO		ANALYSIS REQUEST					
Project Manager:		P.O. #:		<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CL-</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">EXT</div> </div>					
Address:		Company:							
City: <i>Hobbs</i>	State: <i>NM</i> Zip: <i>88240</i>	Attn: <i>Oxy</i>							
Phone #:	Fax #:	Address:							
Project #:	Project Owner: <i>Oxy</i>	City:							
Project Name: <i>Harroun 9-1 CTB</i>		State: Zip:							
Project Location:		Phone #:							
Sampler Name: <i>Roger Hernandez</i>		Fax #:							

FOR LAB USE ONLY		G/RAB OR (COMP. # CONTAINERS	GROUNDWATER	WASTEWATER	MATRIX					PRESERV.			SAMPLING		DATE	TIME	TPH	BTEX	CL-
Lab I.D.	Sample I.D.				SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:								
<i>HAI0293</i>																			
<i>31</i>	<i>Bottom</i>	<i>31</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<i>2.3.21</i>	<i>1235</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>32</i>	<i>Bottom</i>	<i>32</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<i>2.3.21</i>	<i>1245</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>33</i>	<i>Bottom</i>	<i>33</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<i>2.3.21</i>	<i>1250</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>34</i>	<i>Bottom</i>	<i>34</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<i>2.3.21</i>	<i>1100</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>35</i>	<i>Bottom</i>	<i>35</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<i>2.3.21</i>	<i>1105</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>36</i>	<i>Bottom</i>	<i>36</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<i>2.3.21</i>	<i>1110</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>37</i>	<i>Bottom</i>	<i>37</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<i>2.3.21</i>	<i>120</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>38</i>	<i>Bottom</i>	<i>38</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<i>2.3.21</i>	<i>130</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>39</i>	<i>Bottom</i>	<i>39</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<i>2.3.21</i>	<i>135</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<i>40</i>	<i>Bottom</i>	<i>40</i>	<i>G</i>	<i>1</i>	<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>				<i>2.3.21</i>	<i>145</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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Relinquished By:	Date: <i>2-5-21</i> Time: <i>0832</i>	Received By: <i>Jamara Oldaker</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <i>5.9</i> Corrected Temp. °C	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Turnaround Time: <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush Thermometer ID #113 Correction Factor None
		CHECKED BY: (Initials) <i>TO-</i>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

FORM-006 R 5.1 06/04/20

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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 101 of 106

Company Name: BBC International		BILL TO		ANALYSIS REQUEST					
Project Manager:		P.O. #:		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CL-</div> </div>					
Address:		Company:							
City: Hobbs	State: NM Zip: 88240	Attn:							
Phone #:	Fax #:	Address: Oxy							
Project #:	Project Owner:	City:							
Project Name: HARRON 9-1 CTB		State: Zip: L							
Project Location:		Phone #:							
Sampler Name: Roger Hernandez		Fax #:							

FOR LAB USE ONLY		GRAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING		DATE	TIME	TPH	BTEX	CL-
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:					
H210293																	
41	Bottom 41	G	1			✓			✓			2.3.21	150	✓	✓	✓	
42	Bottom 42	G	1			✓			✓			2.3.21	200	✓	✓	✓	
43	Bottom 43	G	1			✓			✓			2.3.21	205	✓	✓	✓	
44	Bottom 44	G	1			✓			✓			2.3.21	215	✓	✓	✓	
45	Bottom 45	G	1			✓			✓			2.3.21	220	✓	✓	✓	
46	Bottom 46	G	1			✓			✓			2.3.21	230	✓	✓	✓	
47	Bottom 47	G	1			✓			✓			2.3.21	235	✓	✓	✓	
48	Bottom 48	G	1			✓			✓			2.3.21	245	✓	✓	✓	
49	Bottom 49	G	1			✓			✓			2.3.21	250	✓	✓	✓	
50	Bottom 50	G	1			✓			✓			2.3.21	300	✓	✓	✓	

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Relinquished By: Roger Hernandez	Date: 2-5-21 Time: 0832	Received By: Janara Aldaker	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.9 Corrected Temp. °C	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	REMARKS:
		CHECKED BY: (Initials) YO	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
			Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C

FORM-006 R 3.1 06/04/20

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: BBC		BILL TO				ANALYSIS REQUEST																				
Project Manager:		P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CL</div> </div>																				
Address:		Company:																								
City: Hobbs State: NM Zip: 88240		Attn: Oxy																								
Phone #: _____ Fax #: _____		Address: _____																								
Project #: _____ Project Owner: _____		City: _____																								
Project Name: HARROUN 9-1 CTB		State: _____ Zip: _____																								
Project Location: _____		Phone #: _____																								
Sampler Name: Roger Hernandez		Fax #: _____																								
FOR LAB USE ONLY																										
Lab I.D.		Sample I.D.		G/RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING													
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME												
H210293																										
51 Bottom		51		G	1								2.4.21	900	✓	✓	✓									
52 Bottom		52		G	1								2.4.21	905	✓	✓	✓									
53 Bottom		53		G	1								2.4.21	915	✓	✓	✓									
54 Bottom		54		G	1								2.4.21	920	✓	✓	✓									
55 Bottom		55		G	1								2.4.21	930	✓	✓	✓									
56 Bottom		56		G	1								2.4.21	935	✓	✓	✓									
57 Bottom		57		G	1								2.4.21	945	✓	✓	✓									
58 Bottom		58		G	1								2.4.21	950	✓	✓	✓									
59 Bottom		59		G	1								2.4.21	1000	✓	✓	✓									
60 Bottom		60		G	1								2.4.21	1015	✓	✓	✓									

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Relinquished By: <i>Roger Hernandez</i>		Date: 2-5-21		Received By: <i>Jamara Oldaker</i>		Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Add'l Phone #:					
		Time: 0832				All Results are emailed. Please provide Email address:					
Relinquished By:		Date:		Received By:		REMARKS:					
		Time:									
Delivered By: (Circle One)		Observed Temp. °C 5.9		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) JO		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	
Sampler - UPS - Bus - Other:		Corrected Temp. °C						Thermometer ID #113		Correction Factor None	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: BBC International			BILL TO				ANALYSIS REQUEST									
Project Manager:			P.O. #:				<div style="text-align: center;"> TPH BTEX CL </div>									
Address:			Company:													
City: State: NM Zip: 88240			Attn:													
Phone #: Fax #:			Address: Oxy													
Project #: Project Owner:			City:													
Project Name: Harroun 9-1 CTB			State: Zip:													
Project Location:			Phone #:													
Sampler Name: Roger Hernandez			Fax #:													

Lab I.D.	Sample I.D.	(GRAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.		SAMPLING				
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE: ICE / COOL OTHER	DATE	TIME			
H210293														
61	Bottom	61	G						✓	2.4.21	1015	✓	✓	✓
62	Bottom	62	G						✓	2.4.21	1020	✓	✓	✓
63	Bottom	63	G						✓	2.4.21	1030	✓	✓	✓
64	Bottom	64	G						✓	2.4.21	1035	✓	✓	✓
65	Bottom	65	G						✓	2.4.21	1045	✓	✓	✓
66	Bottom	66	G						✓	2.4.21	1050	✓	✓	✓
67	Bottom	67	C						✓	2.4.21	1100	✓	✓	✓
68	Bottom	68	G						✓	2.4.21	1105	✓	✓	✓
69	Bottom	69	G						✓	2.4.21	1115	✓	✓	✓
70	Bottom	70	C						✓	2.4.21	1120	✓	✓	✓

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Relinquished By: <i>Roger Hernandez</i>	Date: 2-5-21 Time: 0832	Received By: <i>Jessica Aldaker</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C: 5.9 Corrected Temp. °C:	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials)
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Cool Intact Observed Temp. °C	Thermometer ID #113 Correction Factor None	Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: BBC International		BILL TO		ANALYSIS REQUEST																							
Project Manager:		P.O. #:																									
Address:		Company:																									
City: State: NM Zip: 88240		Attn:																									
Phone #: Fax #:		Address: Okly																									
Project #: Project Owner:		City:																									
Project Name: HARROUN 9-1 CTB		State: Zip:																									
Project Location:		Phone #:																									
Sampler Name: Roger Hernandez		Fax #:																									
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	TPH	BTEX	CL-										
H210 293																											
71	Bottom	71	G			✓				✓			2.4.21	1130	✓	✓	✓										
22	Bottom	72	G			✓				✓			2.4.21	1135	✓	✓	✓										
73	Bottom	73	G			✓				✓			2.4.21	1145	✓	✓	✓										
74	Bottom	74	G			✓				✓			2.4.21	1150	✓	✓	✓										
75	Bottom	75	G			✓				✓			2.4.21	1200	✓	✓	✓										
76	Bottom	76	G			✓				✓			2.4.21	1205	✓	✓	✓										
77	Bottom	77	G			✓				✓			2.4.21	1215	✓	✓	✓										
78	Bottom	78	G			✓				✓			2.4.21	1220	✓	✓	✓										
79	Bottom	79	G			✓				✓			2.4.21	1230	✓	✓	✓										
80	Sidewell	1	G			✓				✓			2.4.21	1735	✓	✓	✓										

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Relinquished By: Roger Hernandez	Date: 2-5-21	Received By: Jamara Ddak	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	
	Time: 0832		All Results are emailed. Please provide Email address:		
Relinquished By:	Date:	Received By:	REMARKS:		
	Time:				
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C 5.9	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) TD	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C
	Corrected Temp. °C			Thermometer ID #113 Correction Factor None	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: <u>BBC International</u>		BILL TO		ANALYSIS REQUEST					
Project Manager:		P.O. #:		<div style="display: flex; align-items: center; justify-content: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CL-</div> </div>					
Address:		Company:							
City: State: <u>NM</u> Zip: <u>88240</u>		Attn:							
Phone #: Fax #:		Address: <u>Oxy</u>							
Project #: Project Owner: <u>Oxy</u>		City:							
Project Name: <u>Harroun 9-1 CTB</u>		State: Zip:							
Project Location:		Phone #:							
Sampler Name:		Fax #:							

FOR LAB USE ONLY				MATRIX					PRESERV.		SAMPLING		
Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP. # CONTAINERS		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE
<u>H210293</u>													
<u>81</u>	<u>Sidewall</u>	<u>2</u>	<u>G</u>			<u>✓</u>				<u>✓</u>		<u>2.4.21</u>	<u>1245</u>
<u>82</u>	<u>Sidewall</u>	<u>3</u>	<u>G</u>			<u>✓</u>				<u>✓</u>		<u>2.4.21</u>	<u>1250</u>
<u>83</u>	<u>Sidewall</u>	<u>4</u>	<u>G</u>			<u>✓</u>				<u>✓</u>		<u>2.4.21</u>	<u>100</u>
<u>84</u>	<u>Sidewall</u>	<u>5</u>	<u>G</u>			<u>✓</u>				<u>✓</u>		<u>2.4.21</u>	<u>105</u>
<u>85</u>	<u>Sidewall</u>	<u>6</u>	<u>G</u>			<u>✓</u>				<u>✓</u>		<u>2.4.21</u>	<u>115</u>
<u>86</u>	<u>Sidewall</u>	<u>7</u>	<u>G</u>			<u>✓</u>				<u>✓</u>		<u>2.4.21</u>	<u>120</u>
<u>87</u>	<u>Sidewall</u>	<u>8</u>	<u>G</u>			<u>✓</u>				<u>✓</u>		<u>2.4.21</u>	<u>130</u>
<u>88</u>	<u>Sidewall</u>	<u>9</u>	<u>G</u>			<u>✓</u>				<u>✓</u>		<u>2.4.21</u>	<u>135</u>
<u>89</u>	<u>Sidewall</u>	<u>10</u>	<u>G</u>			<u>✓</u>				<u>✓</u>		<u>2.4.21</u>	<u>145</u>
<u>90</u>	<u>Sidewall</u>	<u>11</u>	<u>G</u>			<u>✓</u>				<u>✓</u>		<u>2.4.21</u>	<u>150</u>

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Relinquished By: <u>Roger Hernandez</u>	Date: <u>2-5-21</u> Time: <u>0832</u>	Received By: <u>Tamara Oldak</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <u>5.9</u> Corrected Temp. °C	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	REMARKS:
		CHECKED BY: (Initials) <u>T.O.</u>	Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush
			Thermometer ID #113 Correction Factor None
			Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No
			Corrected Temp. °C

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: <i>BBC International</i>		BILL TO				ANALYSIS REQUEST																					
Project Manager:		P.O. #:				<div style="display: flex; justify-content: space-around; font-size: 2em; font-weight: bold;"> TPH BTEX EXT </div>																					
Address:		Company:																									
City:	State: <i>NM</i> Zip: <i>88240</i>	Attn:																									
Phone #:	Fax #:	Address: <i>OXY</i>																									
Project #:	Project Owner:	City:																									
Project Name: <i>HARVON 9-1 CTB</i>		State: Zip:																									
Project Location:		Phone #:																									
Sampler Name: <i>Roger Hernandez</i>		Fax #:																									
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP.	# CONTAINERS	MATRIX				PRESERV.			SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
<i>H210293</i>																											
<i>91</i>	<i>Sidewall 12</i>	<i>5</i>	<i>1</i>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<i>2-4-21</i>	<i>900</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>92</i>	<i>Sidewall 13</i>	<i>5</i>	<i>1</i>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<i>2-4-21</i>	<i>205</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>93</i>	<i>Sidewall 14</i>	<i>5</i>	<i>1</i>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<i>2-4-21</i>	<i>215</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
<i>94</i>	<i>Sidewall 15</i>	<i>6</i>	<i>1</i>			<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>			<i>2-4-21</i>	<i>220</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										

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Relinquished By: <i>Roger Hernandez</i>	Date: <i>2-5-21</i>	Received By: <i>Amara Aldate</i>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <i>0832</i>		All Results are emailed. Please provide Email address:	
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Observed Temp. °C <i>5.9</i>	Sample Condition	CHECKED BY: (Initials) <i>YO</i>	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C	<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		<input checked="" type="checkbox"/> Bacteria (only) <input type="checkbox"/> Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Corrected Temp. °C

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

February 12, 2021

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: HARROUN 9-1 CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/12/21 8:37.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/12/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 35 A (H210372-01)

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	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/12/2021	ND	400	100	400	7.69		

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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 99.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

Cardinal Laboratories

* = 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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/12/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 38 A (H210372-02)

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	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.3-129

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	02/12/2021	ND	400	100	400	7.69		

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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 98.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/12/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 39 A (H210372-03)

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	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/12/2021	ND	400	100	400	7.69		

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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 99.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 105 % 42.2-156

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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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/12/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 41 A (H210372-04)

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	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 73.3-129

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	02/12/2021	ND	400	100	400	7.69		

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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 101 % 44.3-144

Surrogate: 1-Chlorooctadecane 106 % 42.2-156

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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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/12/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 67 A (H210372-05)

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	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/12/2021	ND	400	100	400	7.69		

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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 97.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 102 % 42.2-156

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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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/12/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 68 A (H210372-06)

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	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/12/2021	ND	400	100	400	7.69		

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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 99.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/12/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 69 A (H210372-07)

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	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/12/2021	ND	400	100	400	7.69		

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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 99.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 104 % 42.2-156

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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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/12/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 3 A (H210372-08)

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	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/12/2021	ND	400	100	400	7.69		

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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 98.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 103 % 42.2-156

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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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/12/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 9 A (H210372-09)

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	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.3-129

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	02/12/2021	ND	400	100	400	7.69		

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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 94.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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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:	02/12/2021	Sampling Date:	02/11/2021
Reported:	02/12/2021	Sampling Type:	Soil
Project Name:	HARROUN 9-1 CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 15 A (H210372-10)

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	02/12/2021	ND	2.10	105	2.00	2.13		
Toluene*	<0.050	0.050	02/12/2021	ND	2.07	104	2.00	2.39		
Ethylbenzene*	<0.050	0.050	02/12/2021	ND	2.02	101	2.00	2.71		
Total Xylenes*	<0.150	0.150	02/12/2021	ND	5.91	98.4	6.00	2.56		
Total BTEX	<0.300	0.300	02/12/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.3-129

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	02/12/2021	ND	400	100	400	7.69		

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	02/12/2021	ND	211	105	200	2.14		
DRO >C10-C28*	<10.0	10.0	02/12/2021	ND	225	113	200	0.305		
EXT DRO >C28-C36	<10.0	10.0	02/12/2021	ND						

Surrogate: 1-Chlorooctane 100 % 44.3-144

Surrogate: 1-Chlorooctadecane 101 % 42.2-156

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager



101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Rush!

Company Name: **BBC INTERNATIONAL**
 Project Manager: **CLIFF BIVANSON**
 Address: _____
 City: **Hobbs** State: **NM** Zip: **88240**
 Phone #: _____ Fax #: _____
 Project #: _____ Project Owner: _____
 Project Name: **HARROON 9-1 CTR**
 Project Location: _____
 Sampler Name: **ROGER HERNANDEZ**

BILL TO
 P.O. #: _____
 Company: _____
 Attn: **OXY**
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

ANALYSIS REQUEST			TPH	BTEX	EXT	CL
DATE	TIME	RESULTS				
2.11.21	915	✓	✓	✓	✓	
2.11.21	930	✓	✓	✓	✓	
2.11.21	945	✓	✓	✓	✓	
2.11.21	1000	✓	✓	✓	✓	
2.11.21	1015	✓	✓	✓	✓	
2.11.21	1030	✓	✓	✓	✓	
2.11.21	1045	✓	✓	✓	✓	
2.11.21	1100	✓	✓	✓	✓	
2.11.21	1115	✓	✓	✓	✓	
2.11.21	1130	✓	✓	✓	✓	

Lab I.D.	Sample I.D.	(G/RAB OR (C)OMP. # CONTAINERS	MATRIX					PRESERV.			SAMPLING		
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	DATE	TIME
H210372													
1	BOTTOM 35 A	C 1											
2	BOTTOM 38 A	C 1			✓				✓		2.11.21	915	
3	BOTTOM 39 A	C 1			✓				✓		2.11.21	930	
4	BOTTOM 41 A	C 1			✓				✓		2.11.21	945	
5	BOTTOM 67 A	C 1			✓				✓		2.11.21	1000	
6	BOTTOM 68 A	C 1			✓				✓		2.11.21	1015	
7	BOTTOM 69 A	C 1			✓				✓		2.11.21	1030	
8	SIDEWALL 3 A	G 1			✓				✓		2.11.21	1045	
9	SIDEWALL 9 A	C 1			✓				✓		2.11.21	1100	
10	SIDEWALL 15 A	C 1			✓				✓		2.11.21	1115	
					✓				✓		2.11.21	1130	

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

Relinquished By: *Roger Hernandez* Date: **2.16.21**
 Received By: *Amara Oldak* Time: **8:37**

Verbal Result: Yes No Add'l Phone #: _____
 All Results are emailed. Please provide Email address: _____
 REMARKS: _____

Delivered By: (Circle One) UPS Bus Other: _____
 Observed Temp. °C **20** Sample Condition Cool Intact
 Corrected Temp. °C _____

Turnaround Time: Standard **Rush** Bacteria (only)
 Thermometer ID #113 Correction Factor None
 Sample Condition Cool Intact
 Observed Temp. °C _____
 Corrected Temp. °C _____

† Cardinal cannot accept verbal changes. Please email changes to celey.keene@cardinallabsnm.com



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National Water Information System: Web Interface

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Groundwater levels for New Mexico

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Search Results -- 1 sites found

Agency code = usgs
 site_no list =

- 321355104012001

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 321355104012001 24S.29E.07.14444

Eddy County, New Mexico
 Latitude 32°13'55", Longitude 104°01'20" NAD27
 Land-surface elevation 2,983 feet above NAVD88
 The depth of the well is 160 feet below land surface.
 This well is completed in the Castile Formation (312CSTL) local aquifer.

Output formats

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

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement
1983-02-01		D	47.14				2		U	
1987-10-16		D	51.84				2		U	
1988-02-11		D	52.19				2		U	
1992-10-20		D	51.78				2		S	

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

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Title: Groundwater for New Mexico: Water Levels

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



Page Contact Information: [New Mexico Water Data Maintainer](#)

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0.66 0.63 nadww01

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 1000 Rio Brazos Rd., Aztec, NM 87410
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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 21301

CONDITIONS OF APPROVAL

Operator:	OXY USA INC	P.O. Box 4294	Houston, TX772104294	OGRID:	16696	Action Number:	21301	Action Type:	C-141
OCD Reviewer				Condition					
chensley				Condition	None				