

Closure Report

Incident ID: NRM2000245428

Site Description

Site Name:	Cedar Canyon 22 15 Fee 34H Lact Unit #7
Company:	Oxy, USA
Legal Description:	U/L L, Sec 22, T24S, R29E
County:	Eddy County, NM
GPS Coordinates:	N 32.20064 W -103.97718

Release Data

Date of Release:	10/22/2019
Type of Release:	Oil
Source of Release:	Check valve failure/sump electric motor failed to start
Volume of Release:	7 bbls
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Excavated areas SP1, SP2, SP7, SP8, and SP9 to a depth of 2 feet. Excavated areas SP3 and SP4 to a depth of 4.5 feet. Excavated SP5 to a depth of 7 feet. Excavated SP6 to a depth of 3 feet. Collected bottom confirmation samples at 50 foot intervals and backfilled with clean soil.	
Remediation Activities:	11/20/2019 - 11/20/2020	
Plan Sent to OCD:	N/A	This was a risk based remediation
OCD Approval of Plan:	N/A	
Plan Sent to BLM:	N/A	Not required
BLM Approval of Plan:	N/A	Not required

Supporting Documentation

Initial C-141	signed and included	
C-141, page 6	signed and included	
Site Diagram	Google earth map	
Pictures	Photos of site remediation included	
Lab Summary	Lab Summary and analysis for 11/10/2020	
Depth to Groundwater	USGS Information report included	

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.

4/2/2021

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

State of New Mexico
Energy Minerals and Natural
Resources Department

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

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

Incident ID	
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 32.20064 Longitude W-103.97718
(NAD 83 in decimal degrees to 5 decimal places)

Site Name	CEDAR CANYON 22 15 FEE 34H LACT UNIT #7	Site Type	LACT UNIT
Date Release Discovered	10/22/19	API# (if applicable)	N/A

Unit Letter	Section	Township	Range	County
L	22	24S	29E	EDDY COUNTY, NM

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: OXY USA INC)

Nature and Volume of Release

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

<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) 7 BBLS	Volume Recovered (bbls) 0 BBLS
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	<input 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

CHECK VALVE FAILED AND SUMP ELECTRIC MOTOR FAILED TO START

Form C-141

State of New Mexico
Oil Conservation Division


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Was this a major release as defined by 19.15.29.7(A) NMAC? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release?
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.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: <u>Wade Dittrich</u> Signature: <u></u> email: <u>wade_dittrich@oxy.com</u>	Title: <u>Environmental Coordinator</u> Date: <u>11-5-19</u> Telephone: <u>(575) 390-2828</u>
<u>OCD Only</u> Received by: _____ Date: _____	

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State of New Mexico
Oil Conservation Division

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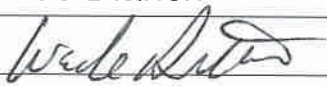
Closure

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)
- ☐ Laboratory analyses of final sampling (Note: appropriate OCD District office must be notified 2 days prior to final sampling)
- ☐ Description of remediation activities

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 4-1-2020
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Oxy, Cedar Canyon 22 15 Fee 34H Lact Unit #7

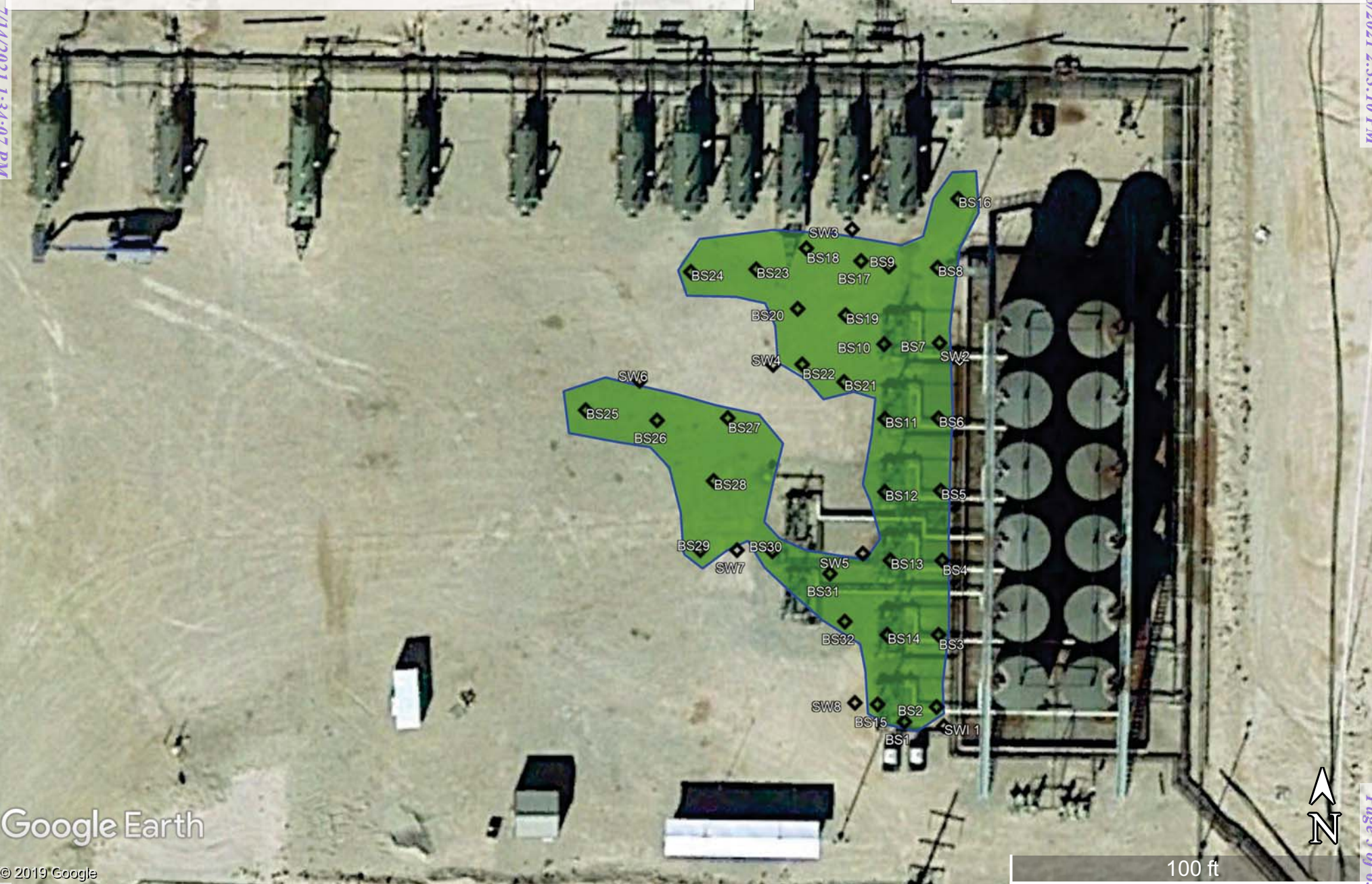
Leak Date: 10-22-19
Eddy County, NM
API:
RP-

Legend

2' Excavation Across Entire Leak Area

Confirmation Sample Points

Leak Area



OXY- CEDAR CANYON 22 15 FF 34H
LACT UNIT #7(10-22-19)

Confirmation Sample Points:

BS1, N32.20044 – W103.97713	BS24, N32.20078 – W103.97732
BS2, N32.20045 – W103.97710	BS25, N32.20068 – W103.97741
BS3, N32.20051 - W103.97710	BS26, N32.20067 – W103.97735
BS4, N32.20056 – W103.97710	BS27, N32.20067 – W103.97729
BS5, N32.20061 – W103.97710	BS28, N32.20062 – W103.97730
BS6, N32.20067 – W103.97710	BS29, N32.20057 – W103.97731
BS7, N32.20073 – W103.97710	BS30, N32.20057 – W103.97725
BS8, N32.20078 – W103.97710	BS31, N32.20055 – W103.97720
BS9, N32.20078 – W103.97714	BS32, N32.20052 – W103.97718
BS10, N32.20072 – W103.97715	SW1, N32.20044 – W103.97710
BS11, N32.20067 – W103.97715	SW2, N32.20071 – W103.97708
BS12, N32.20068 – W103.97715	SW3, N32.20081 – W103.97718
BS13, N32.20056 – W103.97714	SW4, N32.20071 – W103.97725
BS14, N32.20051 – W103.97715	SW5, N32.20071 – W103.97725
BS15, N32.20045 – W103.97715	SW6, N32.20070 – W103.97737
BS16, N32.20083 – W103.97708	SW7, N32.20057 – W103.97728
BS17, N32.20079 – W103.97717	SW8, N32.20045 – W103.97717
BS18, N32.20080 – W103.97722	
BS19, N32.20075 – W103.97718	
BS20, N32.20075 – W103.97723	
BS21, N32.20070 – W103.97718	
BS22, N32.20071 – W103.97722	
BS23, N33.20078 – W103.97726	









Laboratory Analytical Results Summary
Oxy, Cedar Canyon 22 Fee 34H Lact Unit #7
(10-22-19)

		Sample ID	BS1	BS2	BS3	BS4	BS5	BS6	BS7	BS8	BS9	BS10
Analyte	Method	Date	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20
			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	112	128	128	128	128	144	144	144	144
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		14.9	10.7	10.6	<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	11/10/20	11/11/20	11/12/20	11/13/20	11/14/20	11/15/20	11/16/20	11/17/20	11/18/20	11/19/20
			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		128	144	160	128	144	160	160	144	144	160
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	28.4	<10.0	33.3	<10.0	25.2	47.6	14.6	<10.0	32.6
EXT DRO	TPH 8015M		<10.0	10.8	<10.0	10.9	<10.0	<10.0	16.5	<10.0	<10.0	14.3

		Sample ID	BS21	BS22	BS23	BS24	BS25	BS26	BS27	BS28	BS29	BS30	BS31	BS32
Analyte	Method	Date	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20
			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
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
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
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
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
Chloride	SM4500Cl-B		128	160	128	144	128	144	128	144	128	176	144	160
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
DRO	TPH 8015M		<10.0	<10.0	<10.0	30.8	<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

		Sample ID	SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8	SW9
Analyte	Method	Date	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20	11/10/20
			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	SM4500Cl-B		160	160	160	160	160	160	144	160	144
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	58.9	13.6	<10.0	<10.0	<10.0	<10.0	43.8
EXT DRO	TPH 8015M		<10.0	<10.0	27.2	<10.0	<10.0	<10.0	<10.0	<10.0	15.5



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

November 12, 2020

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON 22 FEE 34 H LACT UNIT #7

Enclosed are the results of analyses for samples received by the laboratory on 11/11/20 16:45.

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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 1 (H003005-01)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165	QR-03
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTEx	<0.300	0.300	11/11/2020	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	14.9	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 66.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 63.2 % 42.2-156

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 2 (H003005-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165	
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTX	<0.300	0.300	11/11/2020	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/12/2020	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	10.7	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 71.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 68.9 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 3 (H003005-03)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165	
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTX	<0.300	0.300	11/11/2020	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/12/2020	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	10.6	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 75.8 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 4 (H003005-04)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165		
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173		
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524		
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325		
Total BTX	<0.300	0.300	11/11/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/12/2020	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 68.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 65.9 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 5 (H003005-05)

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	11/11/2020	ND	1.96	97.9	2.00	0.165		
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173		
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524		
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325		
Total BTEx	<0.300	0.300	11/11/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/12/2020	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 70.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 67.0 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 6 (H003005-06)

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	11/11/2020	ND	1.96	97.9	2.00	0.165		
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173		
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524		
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325		
Total BTEx	<0.300	0.300	11/11/2020	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/12/2020	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 73.2 % 44.3-144

Surrogate: 1-Chlorooctadecane 69.7 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 7 (H003005-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165	
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTX	<0.300	0.300	11/11/2020	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/12/2020	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 70.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 67.4 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 8 (H003005-08)

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	11/11/2020	ND	1.96	97.9	2.00	0.165		
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173		
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524		
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325		
Total BTEx	<0.300	0.300	11/11/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/12/2020	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 71.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 67.6 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 9 (H003005-09)

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	11/11/2020	ND	1.96	97.9	2.00	0.165		
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173		
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524		
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325		
Total BTEX	<0.300	0.300	11/11/2020	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 78.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.9 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 10 (H003005-10)

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	11/11/2020	ND	1.96	97.9	2.00	0.165		
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173		
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524		
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325		
Total BTEx	<0.300	0.300	11/11/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 67.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 63.2 % 42.2-156

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Analytical Results For:

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

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 11 (H003005-11)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165	
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTX	<0.300	0.300	11/11/2020	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/12/2020	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 81.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 78.7 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 12 (H003005-12)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165	
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTX	<0.300	0.300	11/11/2020	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	28.4	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	10.8	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 79.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 76.9 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 13 (H003005-13)

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	11/11/2020	ND	1.96	97.9	2.00	0.165		
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173		
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524		
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325		
Total BTEx	<0.300	0.300	11/11/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/12/2020	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 65.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 62.6 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 14 (H003005-14)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165		
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173		
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524		
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325		
Total BTX	<0.300	0.300	11/11/2020	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/12/2020	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	221	110	200	1.79	
DRO >C10-C28*	33.3	10.0	11/11/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	10.9	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 67.1 % 44.3-144

Surrogate: 1-Chlorooctadecane 65.9 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 15 (H003005-15)

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	11/11/2020	ND	1.96	97.9	2.00	0.165	
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTEX	<0.300	0.300	11/11/2020	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	221	110	200	1.79	
DRO >C10-C28*	<10.0	10.0	11/12/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 68.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 65.1 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 16 (H003005-16)

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	11/11/2020	ND	1.96	97.9	2.00	0.165	
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTEx	<0.300	0.300	11/11/2020	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	221	110	200	1.79	
DRO >C10-C28*	25.2	10.0	11/12/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 70.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 67.8 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 17 (H003005-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165	
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTX	<0.300	0.300	11/11/2020	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	221	110	200	1.79	
DRO >C10-C28*	47.6	10.0	11/12/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	16.5	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 76.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 74.0 % 42.2-156

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Analytical Results For:

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

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 18 (H003005-18)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165	
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTX	<0.300	0.300	11/11/2020	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	221	110	200	1.79	
DRO >C10-C28*	14.6	10.0	11/12/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 69.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 65.9 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 19 (H003005-19)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165	
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTX	<0.300	0.300	11/11/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	221	110	200	1.79	
DRO >C10-C28*	<10.0	10.0	11/12/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	<10.0	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 72.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 69.9 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 20 (H003005-20)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/11/2020	ND	1.96	97.9	2.00	0.165	
Toluene*	<0.050	0.050	11/11/2020	ND	1.89	94.5	2.00	0.173	
Ethylbenzene*	<0.050	0.050	11/11/2020	ND	1.99	99.7	2.00	0.524	
Total Xylenes*	<0.150	0.150	11/11/2020	ND	5.72	95.3	6.00	0.325	
Total BTX	<0.300	0.300	11/11/2020	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	221	110	200	1.79	
DRO >C10-C28*	32.6	10.0	11/12/2020	ND	213	107	200	2.22	
EXT DRO >C28-C36	14.3	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 63.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 61.2 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 21 (H003005-21)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/12/2020	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 71.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 77.4 % 42.2-156

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Analytical Results For:

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

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 22 (H003005-22)

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	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTEX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 79.0 % 44.3-144

Surrogate: 1-Chlorooctadecane 85.8 % 42.2-156

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Analytical Results For:

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Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 23 (H003005-23)

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	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTEx	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/12/2020	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 80.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.5 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 24 (H003005-24)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2020	ND	1.97	98.7	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66	
Total BTX	<0.300	0.300	11/12/2020	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	30.8	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 81.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 93.7 % 42.2-156

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Analytical Results For:

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

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 25 (H003005-25)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 75.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.9 % 42.2-156

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Analytical Results For:

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

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 26 (H003005-26)

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	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTEx	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 74.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.7 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 27 (H003005-27)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2020	ND	1.97	98.7	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66	
Total BTX	<0.300	0.300	11/12/2020	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 75.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.5 % 42.2-156

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Analytical Results For:

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Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 28 (H003005-28)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2020	ND	1.97	98.7	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66	
Total BTX	<0.300	0.300	11/12/2020	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 74.7 % 44.3-144

Surrogate: 1-Chlorooctadecane 81.1 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 29 (H003005-29)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/12/2020	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 82.9 % 44.3-144

Surrogate: 1-Chlorooctadecane 90.5 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 30 (H003005-30)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/12/2020	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 86.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 96.6 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 31 (H003005-31)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTX	<0.300	0.300	11/12/2020	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 82.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.2 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BS 32 (H003005-32)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2020	ND	1.97	98.7	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62	
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66	
Total BTX	<0.300	0.300	11/12/2020	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 86.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 94.6 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SW 1 (H003005-33)

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	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTEX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 89.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.7 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SW 2 (H003005-34)

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	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTEX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/11/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/11/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/11/2020	ND					

Surrogate: 1-Chlorooctane 76.4 % 44.3-144

Surrogate: 1-Chlorooctadecane 83.7 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SW 3 (H003005-35)

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	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTEX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	58.9	10.0	11/12/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	27.2	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.3-144

Surrogate: 1-Chlorooctadecane 89.0 % 42.2-156

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SW 4 (H003005-36)

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	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTEX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	13.6	10.0	11/12/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 79.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 87.2 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SW 5 (H003005-37)

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	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTEX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/12/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 79.5 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SW 6 (H003005-38)

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	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTEX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/12/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-144

Surrogate: 1-Chlorooctadecane 98.6 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SW 7 (H003005-39)

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	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTEx	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/12/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 84.6 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SW 8 (H003005-40)

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	11/12/2020	ND	1.97	98.7	2.00	1.96		
Toluene*	<0.050	0.050	11/12/2020	ND	1.91	95.5	2.00	1.47		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.01	100	2.00	1.62		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.73	95.4	6.00	1.66		
Total BTEX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	194	96.9	200	5.33	
DRO >C10-C28*	<10.0	10.0	11/12/2020	ND	183	91.5	200	10.6	
EXT DRO >C28-C36	<10.0	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 78.5 % 44.3-144

Surrogate: 1-Chlorooctadecane 86.1 % 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:	11/11/2020	Sampling Date:	11/10/2020
Reported:	11/12/2020	Sampling Type:	Soil
Project Name:	CEDAR CANYON 22 FEE 34 H LACT UNIT	Sampling Condition:	Cool & Intact
Project Number:	(10-22-19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SW 9 (H003005-41)

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	11/12/2020	ND	2.02	101	2.00	0.752		
Toluene*	<0.050	0.050	11/12/2020	ND	1.94	97.1	2.00	0.904		
Ethylbenzene*	<0.050	0.050	11/12/2020	ND	2.05	103	2.00	0.828		
Total Xylenes*	<0.150	0.150	11/12/2020	ND	5.85	97.5	6.00	0.904		
Total BTEX	<0.300	0.300	11/12/2020	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/12/2020	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2020	ND	229	115	200	0.239	
DRO >C10-C28*	43.8	10.0	11/12/2020	ND	219	109	200	1.19	
EXT DRO >C28-C36	15.5	10.0	11/12/2020	ND					

Surrogate: 1-Chlorooctane 76.6 % 44.3-144

Surrogate: 1-Chlorooctadecane 73.5 % 42.2-156

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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(1065)

Page 44 of 48

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: Cedar Canyon 22 Fee 34 H Lact Unit #7 (10-22-19) Project Location: EDDY COUNTY, NM Sampler Name: Simon Rendon				BILL TO P.O. #: Company: OXY Attn: WADE Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST															
FOR LAB USE ONLY Lab I.D. <i>H003005</i> Sample I.D.				MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				PRESERV. ACID/BASE: ICE / COOL OTHER:		SAMPLING DATE TIME		CL BTEX TPH EXT											
1 BS1 2 BS2 3 BS3 4 BS4 5 BS5 6 BS6 7 BS7 8 BS8 9 BS9 10 BS10				(G/RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				ACID/BASE: ICE / COOL OTHER:		DATE TIME		CL BTEX TPH EXT											
				G I				I		11/10/20 9:20 AM		✓ ✓ ✓											
										11/10/20 9:32 AM		✓ ✓ ✓											
										11/10/20 9:41 AM		✓ ✓ ✓											
										11/10/20 9:52 AM		✓ ✓ ✓											
										11/10/20 10:00 AM		✓ ✓ ✓											
										11/10/20 10:12 AM		✓ ✓ ✓											
										11/10/20 10:21 AM		✓ ✓ ✓											
										11/10/20 10:34 AM		✓ ✓ ✓											
										11/10/20 10:43 AM		✓ ✓ ✓											
										11/10/20 10:55 AM		✓ ✓ ✓											

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Relinquished By: <i>Israel Pena</i> Date: 11-11-20 Time: 7:00 AM	Received By: <i>Israel Pena</i> Date: 11-11-20 Time: 4:45 PM	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS: RUST
Relinquished By: <i>Israel Pena</i> Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Received By: <i>Israel Pena</i> Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) <i>J-O.</i>	

1.8°C #113

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(3085)

Page 46 of 48

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: Cedar Canyon 22 Fee 34 H Lact Unit #7 (10-22-19) Project Location: EDDY COUNTY, NM Sampler Name: Simon Rendon				BILL TO P.O. #: Company: OXY Attn: WADE Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST											
FOR LAB USE ONLY				MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				PRESERV. ACID/BASE: ICE / COOL OTHER:		SAMPLING DATE TIME		CL		BTEX		TPH		EXT	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS																
H003005																			
21	BS21	G	I									11/10/20	12:49 PM	✓	✓	✓			
22	BS22											11/10/20	12:54 PM	✓	✓	✓			
23	BS23											11/10/20	12:58 PM	✓	✓	✓			
24	BS24											11/10/20	1:10 PM	✓	✓	✓			
25	BS25											11/10/20	1:21 PM	✓	✓	✓			
26	BS26											11/10/20	1:28 PM	✓	✓	✓			
27	BS27											11/10/20	1:39 PM	✓	✓	✓			
28	BS28											11/10/20	1:49 PM	✓	✓	✓			
29	BS29											11/10/20	1:57 PM	✓	✓	✓			
30	BS30											11/10/20	2:12 PM	✓	✓	✓			

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Relinquished By: Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1-8c #113	Date: 11-11-20 Time: 7:00 AM Date: 11-11-20 Time: 4:45	Received By: Received By: Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS: RUSA
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

 (505)
Page 48 of 48

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: Cedar Canyon 22 Fee 34 H Lact Unit #7 (10-22-19) Project Location: EDDY COUNTY, NM Sampler Name: Simon Rendon				BILL TO P.O. #: Company: OXY Attn: WADE Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST																		
FOR LAB USE ONLY						MATRIX		PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.	(GRAB OR (COMP. # CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	CL	BTEX	TPH EXT										
H003005 4/1	SW9	G			I							11/10/20	3:58 PM	✓	✓	✓										

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Relinquished By: <i>[Signature]</i> Date: 11-11-20 Time: 7:00 PM	Received By: <i>[Signature]</i> Date: 11-11-20 Time: 4:45 PM	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:
Relinquished By: <i>[Signature]</i> Date: 11-11-20 Time: 4:45 PM	Received By: <i>[Signature]</i> Date: 11-11-20 Time: 4:45 PM	RUSH
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1-8c #113	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) <i>[Signature]</i>	

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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 measurem
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](#)

Page Last Modified: 2019-10-29 11:31:37 EDT

0.25 0.23 nadww01

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nRM2000245428
District RP	
Facility ID	
Application ID	

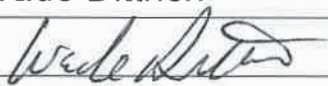
Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 4-1-2020
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: Robert Hamlet Date: 7/14/2021

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: Robert Hamlet Date: 7/14/2021
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
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 22888

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 22888
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NRM2000245428 CEDAR CANYON 22 15 FEE 34H LACT UNIT #7, thank you. This closure is approved.	7/14/2021