

Closure Report

Site Description

Site Name:	Hayhurst SO 10 P3 24H
Company:	Chevron USA
Legal Description:	U/L N, Section 3, T26S, R37E
County:	Lea County, NM
GPS Coordinates:	N 32.06535 W-104.17989

Release Data

Date of Release:	4/17/17
Type of Release:	Oil based mud
Source of Release:	Seal on metal cuttings box was improperly sealed or damaged
Volume of Release:	26 bbls
Volume Recovered:	24 bbls

Remediation Specifications

Remediation Parameters:	Excavated the areas of Boring 1 and Boring 4 to a depth of 6 inches. Excavated the areas of Boring 2 and Boring 7 to a depth of 18 inches. Excavated the area of Boring 3 to a depth of 3 feet. Surface scrape the areas of Boring 5 and Boring 6. Obtained confirmation samples. Backfilled the site with clean soil.	
Remediation Activities:	4/23/19 to 5/8/19	
Plan Sent to OCD:	4/13/18	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	4/17/19	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	4/13/18	Email from Cliff Brunson to Shelly Tucker
BLM Approval of Plan:	4/16/18	Email from Shelly Tucker to Cliff Brunson

Supporting Documentation

Initial C-141	Signed 4/27/18
C-141, page 6	Signed and included
Site Diagram	April 2018
Pictures	Remediation pictures prior to and after backfill

Request for Closure

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

Cliff Brunson, President, BBC International, Inc.

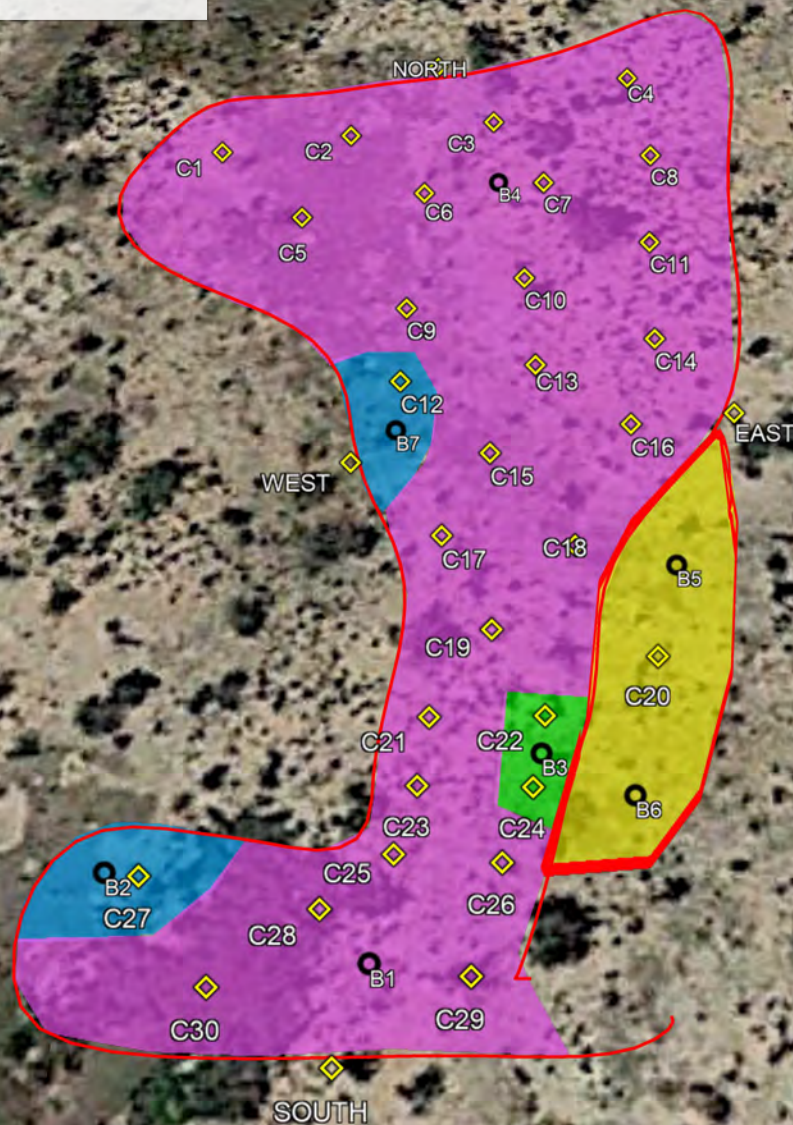
06/20/2019

Chevron, HH SO 10 P3 24H

Leak date: 4/17/17
Eddy County, NM
2RP-4200

Legend

- 18 inch Excavation
- 3 ft Excavation
- 6 inch Excavation
- Confirmation sample points
- Leak Area UPDATED
- Soil sample points
- Surface Scrape



Google Earth

© 2018 Google

1000 ft

Chevron, HH SO 10 P3 24H

Sample points

B1, N 32.06562 W-104.18013
B2, N 32.06565 W-104.18024
B3, N 32.06570 W-104.18005
B4, N 32.06597 W-104.18008
B5, N 32.06578 W-104.17999
B6, N 32.06568 W-104.18001
B7, N 32.06584 W-104.18012

Confirmation sample points

C1, N 32.06599 W-104.18022	C18, N 32.06579 W-104.18004
C2, N 32.06600 W-104.18015	C19, N 32.06575 W-104.18008
C3, N 32.06600 W-104.18008	C20, N 32.06574 W-104.18000
C4, N 32.06603 W-104.18001	C21, N 32.06571 W-104.18010
C5, N 32.06595 W-104.18017	C22, N 32.06571 W-104.18005
C6, N 32.06596 W-104.18011	C23, N 32.06569 W-104.18011
C7, N 32.06597 W-104.18005	C24, N 32.06569 W-104.18006
C8, N 32.06598 W-104.18000	C25, N 32.06566 W-104.18012
C9, N 32.06590 W-104.18012	C26, N 32.06566 W-104.18007
C10, N 32.06592 W-104.18006	C27, N 32.06565 W-104.18023
C11, N 32.06594 W-104.18000	C28, N 32.06564 W-104.18015
C12, N 32.06587 W-104.18012	C29, N 32.06561 W-104.18008
C13, N 32.06587 W-104.18006	C30, N 32.06561 W-104.18019
C14, N 32.06589 W-104.18000	NORTH, N 32.06603 W-104.18011
C15, N 32.06583 W-104.18008	SOUTH, N 32.06558 W-104.18014
C16, N 32.06584 W-104.18001	EAST, N 32.06585 W-104.17996
C17, N 32.06579 W-104.18010	WEST, N 32.06583 W-104.18014







Laboratory Analytical Results Summary
Hayhurst SO 10 P3 24H

Confirmation		Sample ID	C-SOUTH
Analyte	Method	Date	5/3/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		32
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

Confirmation		Sample ID	C-WEST
Analyte	Method	Date	5/3/19
			mg/kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		48
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0

May 07, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: HAYHURST SO 10 P3 24H

Enclosed are the results of analyses for samples received by the laboratory on 05/06/19 13:36.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 1 (H901622-01)

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	05/06/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/06/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/06/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/06/2019	ND	5.86	97.7	6.00	1.04	
Total BTEx	<0.300	0.300	05/06/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 78.6 % 41-142

Surrogate: 1-Chlorooctadecane 74.3 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 2 (H901622-02)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/06/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/06/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/06/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/06/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/07/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 91.7 % 41-142

Surrogate: 1-Chlorooctadecane 85.5 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 3 (H901622-03)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/06/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/06/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/06/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/06/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 92.9 % 41-142

Surrogate: 1-Chlorooctadecane 86.5 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 4 (H901622-04)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/06/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/06/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/06/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/06/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 83.3 % 41-142

Surrogate: 1-Chlorooctadecane 78.6 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 5 (H901622-05)

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	05/06/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/06/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/06/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/06/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/06/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 81.0 % 41-142

Surrogate: 1-Chlorooctadecane 75.9 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 6 (H901622-06)

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	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/07/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 79.9 % 41-142

Surrogate: 1-Chlorooctadecane 75.7 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 7 (H901622-07)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 73.8 % 41-142

Surrogate: 1-Chlorooctadecane 70.7 % 37.6-147

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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:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 8 (H901622-08)

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	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/07/2019	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 85.1 % 41-142

Surrogate: 1-Chlorooctadecane 80.8 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 9 (H901622-09)

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	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 93.8 % 41-142

Surrogate: 1-Chlorooctadecane 89.1 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 10 (H901622-10)

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	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 93.7 % 41-142

Surrogate: 1-Chlorooctadecane 91.0 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 11 (H901622-11)

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	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 93.1 % 41-142

Surrogate: 1-Chlorooctadecane 88.1 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 12 (H901622-12)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 92.2 % 41-142

Surrogate: 1-Chlorooctadecane 87.7 % 37.6-147

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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:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 13 (H901622-13)

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	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 85.9 % 41-142

Surrogate: 1-Chlorooctadecane 81.6 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 14 (H901622-14)

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/07/2019	ND	1.96	97.9	2.00	0.380		
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15		
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142		
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04		
Total BTEX	<0.300	0.300	05/07/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 91.1 % 41-142

Surrogate: 1-Chlorooctadecane 86.5 % 37.6-147

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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:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 15 (H901622-15)

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	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/06/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/06/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/06/2019	ND					

Surrogate: 1-Chlorooctane 85.3 % 41-142

Surrogate: 1-Chlorooctadecane 84.1 % 37.6-147

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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:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 16 (H901622-16)

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	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 86.8 % 41-142

Surrogate: 1-Chlorooctadecane 84.9 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 17 (H901622-17)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 80.9 % 41-142

Surrogate: 1-Chlorooctadecane 78.8 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 18 (H901622-18)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 83.5 % 41-142

Surrogate: 1-Chlorooctadecane 81.7 % 37.6-147

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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:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 19 (H901622-19)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	208	104	200	0.568	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	213	107	200	0.223	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 91.2 % 41-142

Surrogate: 1-Chlorooctadecane 90.0 % 37.6-147

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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:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 20 (H901622-20)

BTEx 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.96	97.9	2.00	0.380	
Toluene*	<0.050	0.050	05/07/2019	ND	2.04	102	2.00	1.15	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	1.92	96.0	2.00	0.142	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.86	97.7	6.00	1.04	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 83.2 % 41-142

Surrogate: 1-Chlorooctadecane 82.9 % 37.6-147

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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:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 21 (H901622-21)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/06/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/06/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/06/2019	ND	5.66	94.3	6.00	1.34	
Total BTEX	<0.300	0.300	05/06/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 90.3 % 41-142

Surrogate: 1-Chlorooctadecane 91.4 % 37.6-147

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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:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 22 (H901622-22)

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	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 88.3 % 41-142

Surrogate: 1-Chlorooctadecane 87.8 % 37.6-147

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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: 05/06/2019
Reported: 05/07/2019
Project Name: HAYHURST SO 10 P3 24H
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/03/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: C 23 (H901622-23)

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	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEx	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 79.1 % 41-142

Surrogate: 1-Chlorooctadecane 77.7 % 37.6-147

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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:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 24 (H901622-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 93.1 % 41-142

Surrogate: 1-Chlorooctadecane 90.9 % 37.6-147

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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: 05/06/2019
Reported: 05/07/2019
Project Name: HAYHURST SO 10 P3 24H
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/03/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: C 25 (H901622-25)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEx	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 86.2 % 41-142

Surrogate: 1-Chlorooctadecane 84.4 % 37.6-147

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 26 (H901622-26)

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	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 92.2 % 41-142

Surrogate: 1-Chlorooctadecane 91.2 % 37.6-147

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

Received: 05/06/2019
Reported: 05/07/2019
Project Name: HAYHURST SO 10 P3 24H
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/03/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: C 27 (H901622-27)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEx	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 87.4 % 41-142

Surrogate: 1-Chlorooctadecane 85.9 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 28 (H901622-28)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.2 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 84.6 % 41-142

Surrogate: 1-Chlorooctadecane 82.7 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 29 (H901622-29)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 84.2 % 41-142

Surrogate: 1-Chlorooctadecane 82.8 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C 30 (H901622-30)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEx	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 88.5 % 41-142

Surrogate: 1-Chlorooctadecane 87.6 % 37.6-147

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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:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C - NORTH (H901622-31)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/07/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 80.0 % 41-142

Surrogate: 1-Chlorooctadecane 79.6 % 37.6-147

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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:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C - EAST (H901622-32)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 87.3 % 41-142

Surrogate: 1-Chlorooctadecane 86.6 % 37.6-147

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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: 05/06/2019
Reported: 05/07/2019
Project Name: HAYHURST SO 10 P3 24H
Project Number: NONE GIVEN
Project Location: LEA COUNTY, NM

Sampling Date: 05/03/2019
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Tamara Oldaker

Sample ID: C - SOUTH (H901622-33)

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	05/07/2019	ND	1.93	96.4	2.00	0.556		
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865		
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26		
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34		
Total BTEx	<0.300	0.300	05/07/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 73.3-129

Chloride, SM4500CI-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/07/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 79.1 % 41-142

Surrogate: 1-Chlorooctadecane 79.4 % 37.6-147

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

Received:	05/06/2019	Sampling Date:	05/03/2019
Reported:	05/07/2019	Sampling Type:	Soil
Project Name:	HAYHURST SO 10 P3 24H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	LEA COUNTY, NM		

Sample ID: C - WEST (H901622-34)

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	05/07/2019	ND	1.93	96.4	2.00	0.556	
Toluene*	<0.050	0.050	05/07/2019	ND	1.96	98.1	2.00	0.865	
Ethylbenzene*	<0.050	0.050	05/07/2019	ND	2.01	100	2.00	1.26	
Total Xylenes*	<0.150	0.150	05/07/2019	ND	5.66	94.3	6.00	1.34	
Total BTEX	<0.300	0.300	05/07/2019	ND					

Surrogate: 4-Bromofluorobenzene (PID) 85.6 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/07/2019	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/07/2019	ND	214	107	200	2.54	
DRO >C10-C28*	<10.0	10.0	05/07/2019	ND	200	99.9	200	0.498	
EXT DRO >C28-C36	<10.0	10.0	05/07/2019	ND					

Surrogate: 1-Chlorooctane 87.9 % 41-142

Surrogate: 1-Chlorooctadecane 88.5 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

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Celey D. Keene, Lab Director/Quality Manager

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: Hayhurst SO 10 P3 24H Project Location: Lea County, NM Project Owner: <i>Chetron</i> Sample Name: Price Brunson										BILL TO P.O. #: Company: BBC Attn: Gilkey Address: City: State: Zip: Phone #: Fax #:										ANALYSIS REQUEST									
FOR LAB USE ONLY Lab I.D. Sample I.D. HD1622										(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :										MATRIX PRESERV SAMPLING									
C1 C2 C3 C4 C5 C6 C7 C8 C9 C10										DATE TIME										BTEX CI TPH/EXT									
5/3/19 8:00 AM 5/3/19 8:10 AM 5/3/19 8:20 AM 5/3/19 8:30 AM 5/3/19 8:40 AM 5/3/19 8:50 AM 5/3/19 9:00 AM 5/3/19 9:10 AM 5/3/19 9:20 AM 5/3/19 9:30 AM										✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓										✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓									
PLEASE NOTE: Liability and Damages: Contractor's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. Acceptance of whether such claim is barred upon any of the above stated limitations or otherwise.										Relinquished By: Received By: Date: 5/3/19 Time: 5:00pm Relinquished By: Received By: Date: 5-6-19 Time: 7:30am Delivered By: (Circle One) 3.40 #97 Sample Condition <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool CHECKED BY: (Initials) TQ.										REMARKS: BUS #1111									



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

284

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																											
Project Manager: Cliff Brunson		P.O. #:																													
Address: P.O. Box 805		Company: BBC																													
City: Hobbs		Attn: Gilkey																													
Phone #: 575-397-6388		Address:																													
Fax #: 575-397-0397		City:																													
Project #:		State: NM																													
Project Name: Hayhurst SO 10 P3 24H		Zip: 88241																													
Project Location: Lea County, NM		Phone #:																													
Sampler Name: Price Brunson		Fax #:																													
FOR LAB USE ONLY																															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING		DATE		TIME		BTEX		CI		TPH/EXT									
H9D1622		C11		G		1		GROUNDWATER		✓		5/3/19		9:40 AM		✓		✓		✓											
12		C12						WASTEWATER				5/3/19		9:50 AM		✓		✓		✓											
13		C13						SOIL				5/3/19		10:00 AM		✓		✓		✓											
14		C14						OIL				5/3/19		10:10 AM		✓		✓		✓											
15		C15						SLUDGE				5/3/19		10:20 AM		✓		✓		✓											
16		C16						OTHER :				5/3/19		10:30 AM		✓		✓		✓											
17		C17						ACID/BASE:				5/3/19		10:40 AM		✓		✓		✓											
18		C18						ICE / COOL				5/3/19		10:50 AM		✓		✓		✓											
19		C19						OTHER :				5/3/19		11:00 AM		✓		✓		✓											
20		C20										5/3/19		11:10 AM		✓		✓		✓											
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Relinquished By:		J. McBurns		5/3/19		5:00 PM		J. McBurns		5-6-19		13:36		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		J. McBurns		Just!													
Delivered By: (Circle One)		J. McBurns																													
Sampler - UPS - Bus - Other:		3:40 #99																													

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

304

Company Name: BBC International, Inc.						BILL TO						ANALYSIS REQUEST							
Project Manager: Cliff Brunson						P.O. #:													
Address: P.O. Box 805						Company: BBC													
City: Hobbs						Attn: Gilkey													
State: NM Zip: 88241						Address:													
Phone #: 575-397-6388 Fax #: 575-397-0397																			
Project #:						City:													
Project Owner: Cheyenne						State: Zip:													
Project Name: Hayhurst SO 10 P3 24H						Phone #:													
Project Location: Lea County, NM						Fax #:													
Sampler Name: Price Brunson																			
FOR LAB USE ONLY																			
Lab I.D.						Sample I.D.													
H90122						(G)RAB OR (C)OMP.													
21						# CONTAINERS													
22						GROUNDWATER													
23						WASTEWATER													
24						SOIL													
25						OIL													
26						SLUDGE													
27						OTHER :													
28						ACID/BASE:													
29						ICE / COOL													
30						OTHER :													
DATE						TIME													
5/3/19						11:20 AM						BTEx							
5/3/19						11:30 AM						CI							
5/3/19						11:40 AM						TPH EXT							
5/3/19						11:50 AM													
5/3/19						1:10 PM													
5/3/19						1:20 PM													
5/3/19						1:30 PM													
5/3/19						1:40 PM													
5/3/19						1:50 PM													
5/3/19						2:00 PM													
Relinquished By:						Received By:													
Date: 5/3/19						Time: 5:04 PM													
Relinquished By: [Signature]						Received By: [Signature]													
Delivered By: (Circle One)						Sample Condition													
Cool Intact						Yes No													
Sampler - UPS - Bus - Other:						CHECKED BY: [Signature]													
3.46 #97						T-2													
REMARKS:						Phone Result: Yes No Add'l Phone #: Add'l Fax #:													
Push!																			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/05/14

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																					
Project Manager: Cliff Brunson		P.O. #:																							
Address: P.O. Box 805		Company: KBC																							
City: Hobbs		Attn: G. May																							
State: NM Zip: 88241		Address:																							
Phone #: 575-397-6388 Fax #: 575-397-0397		City:																							
Project #:		State:																							
Project Name: Hayhurst SO 10 P3 24H		Zip:																							
Project Location: Lea County, NM		Phone #:																							
Sampler Name: Price Brunson		Fax #:																							
FOR LAB USE ONLY																									
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING													
H9D1022								GROUNDWATER																	
31		C-NORTH		G 1		1		WASTEWATER																	
32		C-EAST						SOIL																	
33		C-SOUTH						OIL																	
34		C-WEST						SLUDGE																	
								OTHER :																	
								ACID/BASE:																	
								ICE / COOL																	
								OTHER :																	
								DATE		TIME															
								5/3/19		2:10 PM				BTEX											
								5/3/19		2:20 PM				CI											
								5/3/19		2:30 PM				TPH EXT											
								5/3/19		2:40 PM															
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Relinquished By: J. Brunson		Date: 5/3/19		Received By: J. Brunson		Date: 5/3/19		Time: 5:00 PM		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		CHECKED BY: (Initials)		REMARKS: PUSHT!											
Relinquished By: J. Brunson		Date: 5-6-19		Received By: J. Brunson		Date: 5-6-19		Time: 13:36		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		CHECKED BY: (Initials)													
Delivered By: (Circle One)		Time: 3:46		Received By: J. Brunson		Date: 5-6-19		Time: 13:36		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		CHECKED BY: (Initials)													
Sampler - UPS - Bus - Other:		Time: 3:46		Received By: J. Brunson		Date: 5-6-19		Time: 13:36		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/>		CHECKED BY: (Initials)													

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State of New Mexico
Oil Conservation Division

Incident ID	
District RP	2RP-4200
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 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: Amy Barnhill

Title: Waste & Water Specialist

Signature: *Amy Barnhill*

Date: 6-24-19

email: abarnhill@chevron.com

Telephone: (432) 687-7108

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: *Bradford Billings*

Date: 10/30/2019

Printed Name: Bradford Billings

Title: E.Spec.A