

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.

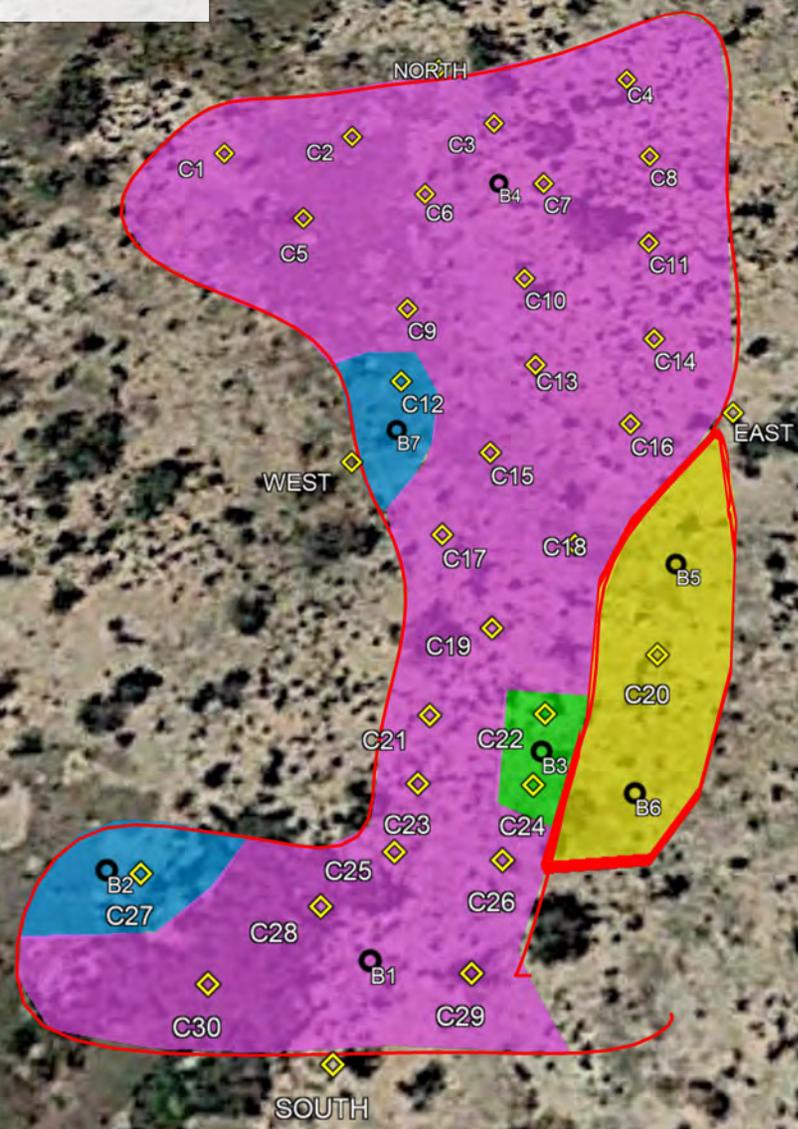
06/20/2019

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



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

C2, N 32.06600 W-104.18015

C3, N 32.06600 W-104.18008

C4, N 32.06603 W-104.18001

C5, N 32.06595 W-104.18017

C6, N 32.06596 W-104.18011

C7, N 32.06597 W-104.18005

C8, N 32.06598 W-104.18000

C9, N 32.06590 W-104.18012

C10, N 32.06592 W-104.18006

C11, N 32.06594 W-104.18000

C12, N 32.06587 W-104.18012

C13, N 32.06587 W-104.18006

C14, N 32.06589 W-104.18000

C15, N 32.06583 W-104.18008

C16, N 32.06584 W-104.18001

C17, N 32.06579 W-104.18010

C18, N 32.06579 W-104.18004

C19, N 32.06575 W-104.18008

C20, N 32.06574 W-104.18000

C21, N 32.06571 W-104.18010

C22, N 32.06571 W-104.18005

C23, N 32.06569 W-104.18011

C24, N 32.06569 W-104.18006

C25, N 32.06566 W-104.18012

C26, N 32.06566 W-104.18007

C27, N 32.06565 W-104.18023

C28, N 32.06564 W-104.18015

C29, N 32.06561 W-104.18008

C30, N 32.06561 W-104.18019

NORTH, N 32.06603 W-104.18011

SOUTH, N 32.06558 W-104.18014

EAST, N 32.06585 W-104.17996

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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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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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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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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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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 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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 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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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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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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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)

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 93.1 % 41-142

Surrogate: 1-Chlorooctadecane 88.1 % 37.6-147

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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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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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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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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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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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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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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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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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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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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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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, 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 88.3 % 41-142
Surrogate: 1-Chlorooctadecane 87.8 % 37.6-147

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 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 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, 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 79.1 % 41-142

Surrogate: 1-Chlorooctadecane 77.7 % 37.6-147

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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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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 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, 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 86.2 % 41-142

Surrogate: 1-Chlorooctadecane 84.4 % 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 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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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 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, 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	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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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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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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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, 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	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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 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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 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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 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 - 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, 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	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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 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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1084

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST

Project Manager: Cliff Brunson P.O. #: Company: BBC

Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Attn: Gilkey

Phone #: 575-397-6388 Fax #: 575-397-0397 Address: Project #: City: State: Zip:

Project Name: Hayhurst SO 10 P3 24H Project Owner: *Cherion* Project Location: Lea County, NM State: Zip:

Sampler Name: Price Brunson Fax #: Phone #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	BTEX	CI	TPH/EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					

ACID/BASE: ICE / COOL OTHER :

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 ✓ ✓ ✓

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Relinquished By: *Price Brunson* Date: 5/3/19 Time: 5:00 pm Received By: *Janet...*

Delivered By: (Circle One) *UPS* 3.42 #97 Sample Condition: Cool Intact CHECKED BY: *...*

Phone Result: Yes No Add'l Phone #: Add'l Fax #: REMARKS: *BUS #1111*

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: *Chellon*
 Project Name: Hayhurst SO 10 P3 24H
 Project Location: Lea County, NM
 Sampler Name: Price Brunson
 P.O. #: Company: *BBC*
 Attn: *Gilkey*
 Address: City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		DATE	TIME	BTEX	CI	TPH/EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
<i>H9D1622</i>	C11	<i>G</i>	<i>1</i>			<i>✓</i>				<i>✓</i>				<i>✓</i>	<i>✓</i>	<i>✓</i>
	C12													<i>✓</i>	<i>✓</i>	<i>✓</i>
	C13													<i>✓</i>	<i>✓</i>	<i>✓</i>
	C14													<i>✓</i>	<i>✓</i>	<i>✓</i>
	C15													<i>✓</i>	<i>✓</i>	<i>✓</i>
	C16													<i>✓</i>	<i>✓</i>	<i>✓</i>
	C17													<i>✓</i>	<i>✓</i>	<i>✓</i>
	C18													<i>✓</i>	<i>✓</i>	<i>✓</i>
	C19													<i>✓</i>	<i>✓</i>	<i>✓</i>
	C20													<i>✓</i>	<i>✓</i>	<i>✓</i>

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Relinquished By: *McBass* Date: *5/3/19* Time: *5:00 PM* Received By: *Price Brunson*
 Relinquished By: *Price Brunson* Date: *5-6-19* Time: *13:36* Received By: *Price Brunson*
 Delivered By: (Circle One) UPS Bus Other: *3:40 #99*
 Sample Condition: Intact Cool Yes No Yes No
 CHECKED BY: (Initials) *JP*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS: *JUST!*

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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. #: **BBC**

Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Company: **BBC**

Phone #: 575-397-6388 Fax #: 575-397-0397 Attn: **Gilkey**

Project #: Project Owner: **Chertok** Address: Project Name: Hayhurst SO 10 P3 24H City: State: Zip:

Project Location: Lea County, NM Phone #: Fax #:

Sampler Name: Price Brunson

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	BTEX	CI	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
H901022	21	C21	6								5/3/19	11:20 AM	✓	✓	✓	
	22	C22	1								5/3/19	11:30 AM	✓	✓	✓	
	23	C23	1								5/3/19	11:40 AM	✓	✓	✓	
	24	C24	1								5/3/19	11:50 AM	✓	✓	✓	
	25	C25	1								5/3/19	1:10 PM	✓	✓	✓	
	26	C26	1								5/3/19	1:20 PM	✓	✓	✓	
	27	C27	1								5/3/19	1:30 PM	✓	✓	✓	
	28	C28	1								5/3/19	1:40 PM	✓	✓	✓	
	29	C29	1								5/3/19	1:50 PM	✓	✓	✓	
	30	C30	1								5/3/19	2:00 PM	✓	✓	✓	

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Relinquished By: *[Signature]* Date: *5/3/19* Time: *5:00pm* Received By: *[Signature]* Date: *5/3/19* Time: *5:00pm*

Delivered By: (Circle One) *UPS* *3:40 #97* Sample Condition: Cool Intact Yes No

Checked By: *[Signature]* (Initials) *[Signature]*

REMARKS: *Push!*

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/04

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: Hayhurst SO 10 P3 24H

Project Location: Lea County, NM

Sampler Name: Price Brunson

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: *RBC*

Attn: *GIW*

Address:

City:

State:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)GRAB OR (C)OMP	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	BTEX	CI	TPHEXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
<i>H9D1022</i>																
<i>31</i>	<i>C-NORTH</i>	<i>G</i>	<i>1</i>			<i>✓</i>						<i>5/3/19</i>	<i>2:10 PM</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>32</i>	<i>C-EAST</i>											<i>5/3/19</i>	<i>2:20 PM</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>33</i>	<i>C-SOUTH</i>											<i>5/3/19</i>	<i>2:30 PM</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>34</i>	<i>C-WEST</i>											<i>5/3/19</i>	<i>2:40 PM</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>

100 5B1R

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Relinquished By: *Price Brunson*

Relinquished By: *Price Brunson*

Relinquished By: *Price Brunson*

Relinquished By: *Price Brunson*

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Received By: *Price Brunson*

Received By: *Price Brunson*

Received By: *Price Brunson*

Received By: *Price Brunson*

Sample Condition

Cool Intact

Yes No

CHECKED BY: (Initials)

Price Brunson

Phone Result: Yes No

Fax Result: Yes No

REMARKS:

PUSH!

Add'l Phone #:

Add'l Fax #:

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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 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: Amy Barnhill Title: Waste & Water Specialist
 Signature: *Amy Barnhill* Date: 10-24-19
 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