

Closure Report

ID #nJMW1334452660

Site Description

Site Name:	MCKITTRICK HILLS CTB
Company:	Oxy USA, Inc.
Legal Description:	UL A, S14, T22S, R24E
County:	EDDY
GPS Coordinates:	32.397740, -104.4611

Release Data

Date of Release:	12/8/2013
Type of Release:	CRUDE OIL & PRODUCED WATER
Source of Release:	FROZEN TRANSMITTER ALLOWING THE WATER TANK TO OVERFLOW
Volume of Release:	200 BBLS
Volume Recovered:	160 BBLS

Remediation Specifications

Remediation Parameters:	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no paperwork existed for verification therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet .
Remediation Activities:	3/10/14 - 4/18/14

Plan Sent to OCD:	
OCD Approval of Plan:	
Plan Sent to BLM:	
BLM Approval of Plan:	

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Closure photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report	
Notifications	Via OCD website	

Request for Closure

Based on the completion of the remediation plan, OXY requests closure approval from NMOCD. Cliff P. Brunson President, BBC International, Inc.	4/4/2024
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Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nJMW1334452660
District RP	
Facility ID	
Application ID	

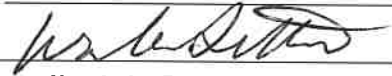
Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 4-4-24
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

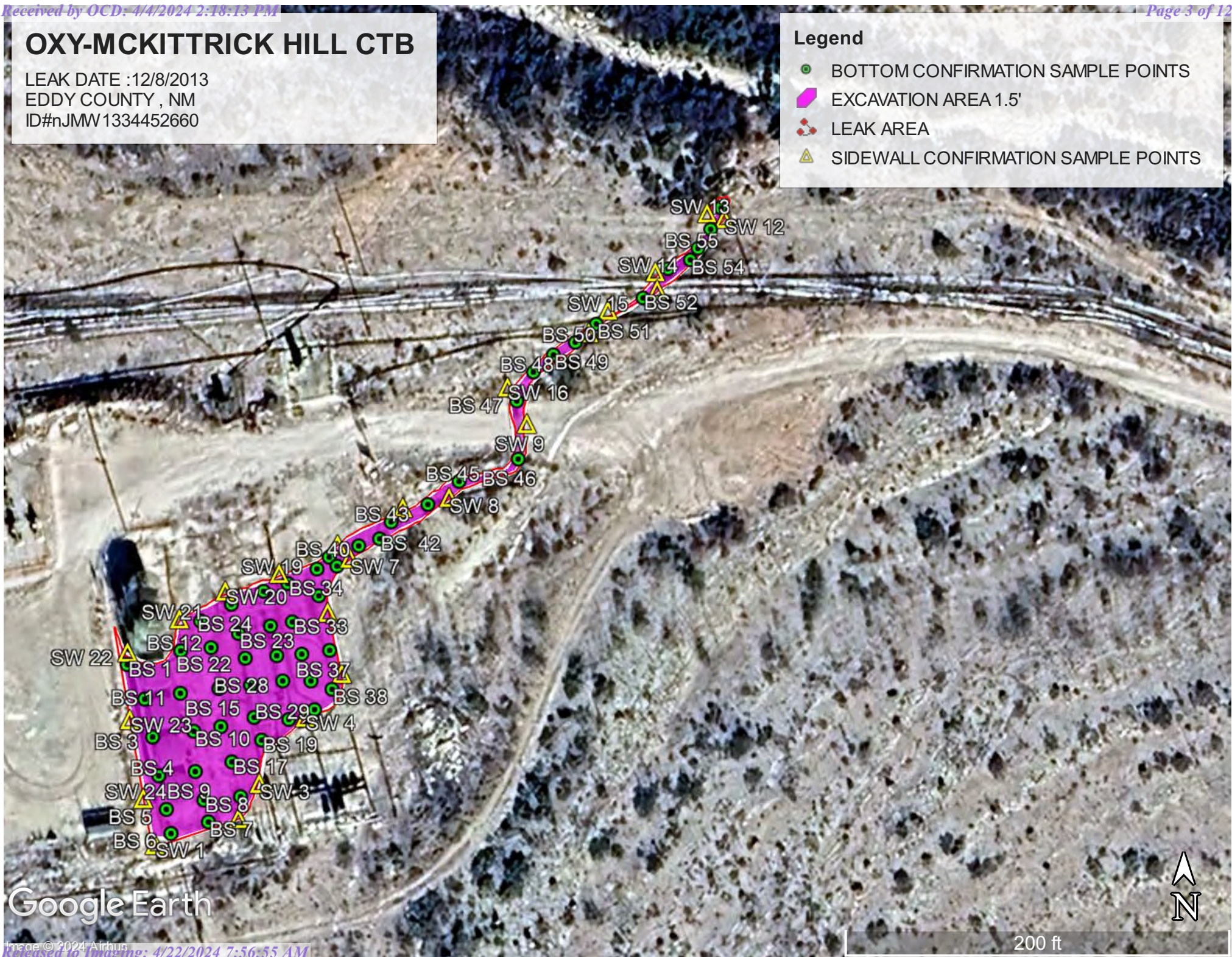
Printed Name: _____ Title: _____

OXY-MCKITTRICK HILL CTB

LEAK DATE :12/8/2013
EDDY COUNTY , NM
ID#nJMW1334452660

Legend

- BOTTOM CONFIRMATION SAMPLE POINTS
- EXCAVATION AREA 1.5'
- LEAK AREA
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



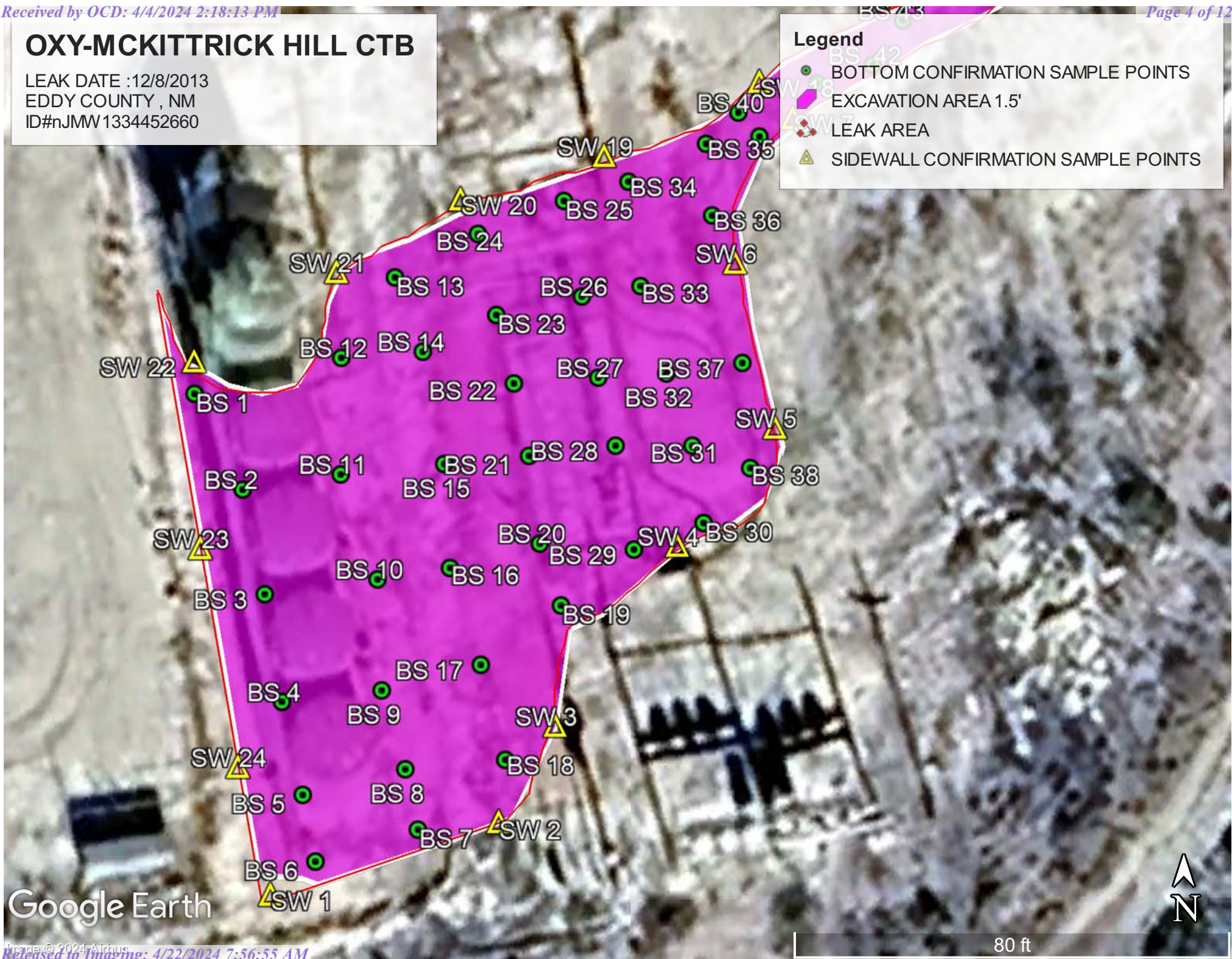
Google Earth

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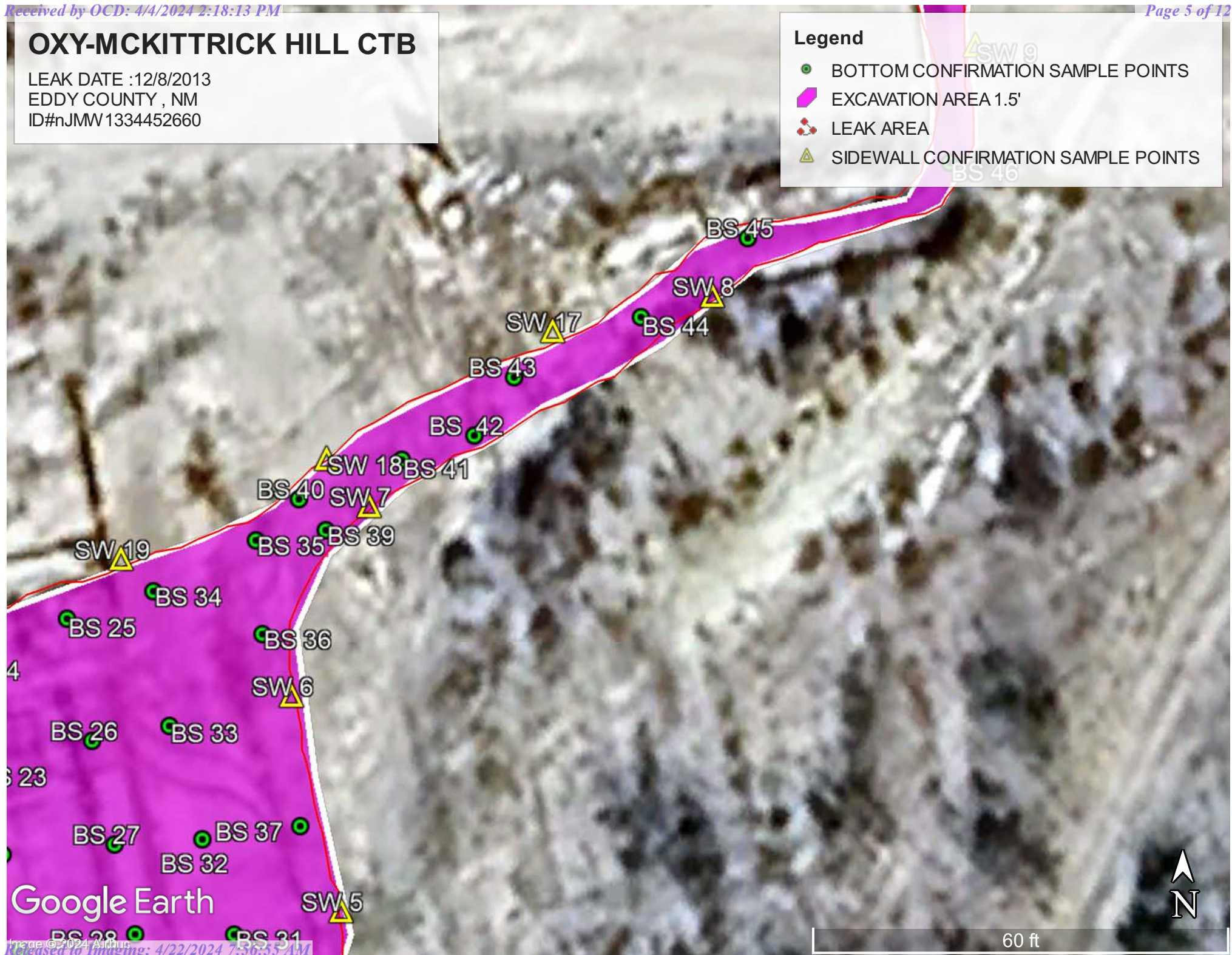
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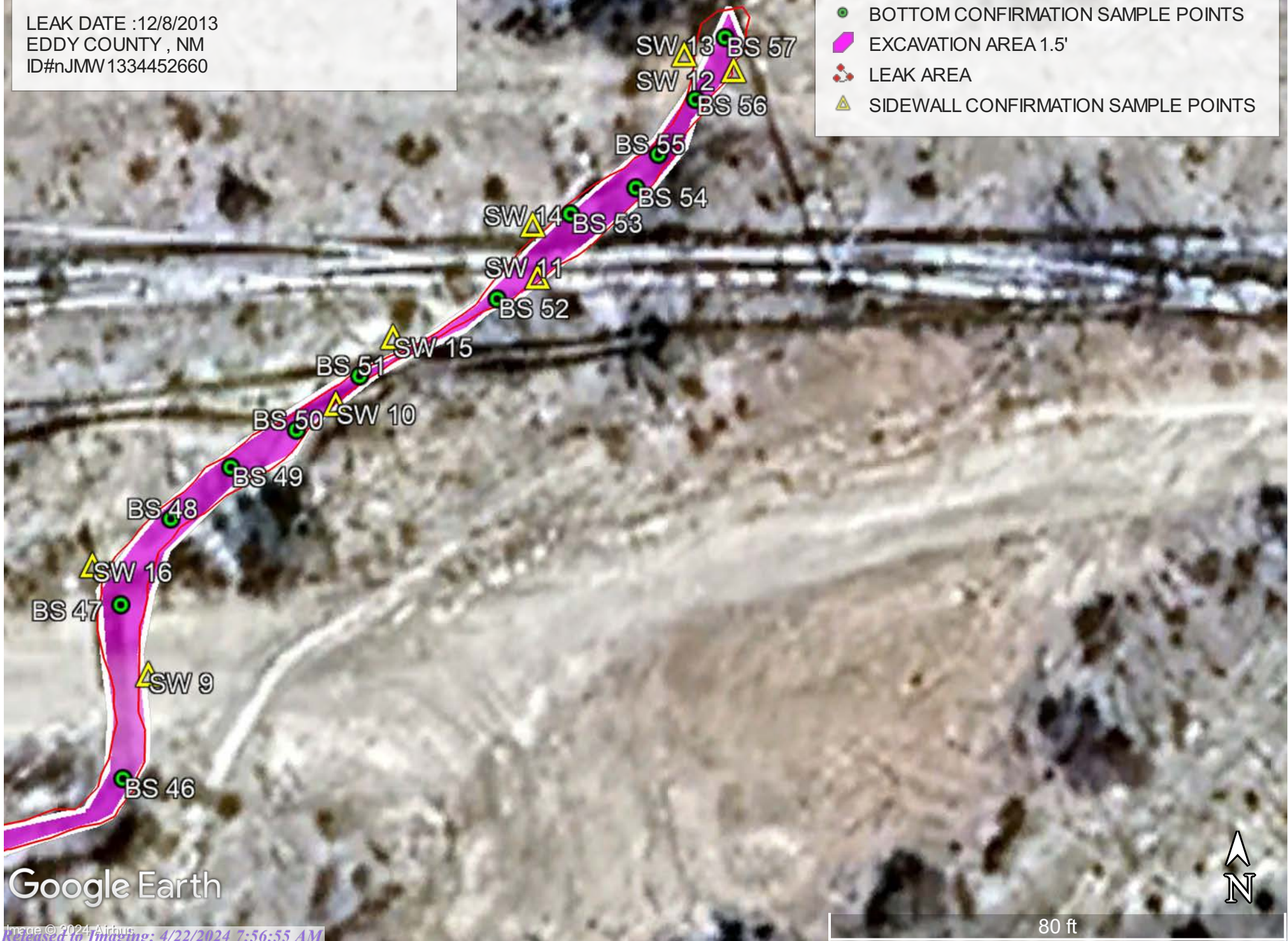
Google Earth

OXY-MCKITTRICK HILL CTB

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- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



OXY -MCKITTRICK HILLS CTB (12/8/13) SAMPLE DATES 3/28/24-3/29/24

BOTTOM SAMPLE POINTS

BS 1@1.5' N 32.397562	W-104.461016
BS 2@1.5' N 32.297514	W-104.460984
BS 3@1.5' N 32.239746	W-104.460970
BS 4@1.5' N 32.397408	W-104.460960
BS 5@1.5' N 32.397361	W-104.460948
BS 6@1.5' N 32.397328	W-104.460948
BS 7@1.5' N 32.397343	W-104.460881
BS 8@1.5 N 32.397373	W-104.460888
BS 9@1.5' N 32.397413	W-104.460902
BS 10@1.5 N 32.397467	W-104.460913
BS 11@1.5 N 32.397522	W-104.460926
BS 12@1.5 N 32.397580	W-104.460926
BS 13@1.5 N 32.397621	W-104.460895
BS 14@1.5 N 32.397584	W-104.460879
BS 15 @1.5 N 32.397527	W-104.460866
BS 16@1.5 N 32.397474	W-104.460862
BS 17@1.5 N 32.397425	W-104.460844
BS 18@1.5 N 32.397377	W-104.460829
BS 19@1.5 N 32.397455	W-104.460795
BS 20@1.5 N 32.397490	W-104.460806
BS 21@1.5 N 32.397531	W-104.460815
BS 22@1.5 N 32.397568	W-104.460825
BS 23@1.5 N 32.397603	W-104.460835
BS 24@1.5 N 32.397544	W-104.460846
BS 25@1.5 N 32.397662	W-104.460794
BS 26@1.5 N 32.397613	W-104.460783
BS 27@1.5 N 32.397572	W-104.460773
BS 28@1.5 N 32.397536	W-104.460763
BS 29@1.5 N 32.397483	W-104.460752
BS 30@1.5 N 32.397497	W-104.460709
BS 31@1.5 N 32.397536	W-104.460716
BS 32@1.5 N 32.397574	W-104.460732
BS 33@1.5 N 32.397619	W-104.460748
BS 34@1.5 N 32.397573	W-104.460755
BS 35@1.5 N 32.397693	W-104.460707
BS 36@1.5 N 32.397655	W-104.460704
BS 37@1.5 N 32.397579	W-104.460685
BS 38@1.5 N 32.397525	W-104.460681
BS 39@1.5 N 32.397697	W-104.460674
BS 40@1.5 N 32.397709	W-104.460687

BS 41@1.5 N 32.397727	W-104.460662
BS 42@1.5 N 32.397723	W-104.460633
BS 43@1.5 N 32.397743	W-104.460632
BS 44@1.5 N 32.397783	W-104.460524
BS 45@1.5 N 32.397816	W-104.460473
BS 46@1.5 N 32.397847	W-104.460374
BS 47@1.5 N 32.397929	W-104.460377
BS 48@1.5 N 32.397970	W-104.460349
BS 49@1.5 N 32.397995	W-104.460316
BS 50@1.5 N 32.398013	W-104.460279
BS 50@1.5 N 32.398013	W-104.460279
BS 51@1.5 N 32.398039	W-104.460244
BS 52@1.5 N 32.398077	W-104.460165
BS 53@1.5 N 32.398119	W-104.460123
BS 54@1.5 N 32.398132	W-104.460085
BS 55@1.5 N 32.398149	W-104.4602072
BS 56@1.5 N 32.398176	W-104.460051
BS 57@1.5 N 32.398207	W-104.460033

SIDEWALL SAMPLE POINTS

SW 1	N 32.397311	W-104.460968
SW 2	N 32.397346	W-104.460833
SW 3	N 32.397394	W-104.460800
SW 4	N 32.397485	W-104.460726
SW 5	N 32.397545	W-104.460666
SW 6	N 32.397631	W-104.460690
SW 7	N 32.397706	W-104.460654
SW 8	N 32.397792	W-104.460490
SW 9	N 32.397896	W-104.460361
SW 10	N 32.398025	W-104.460258
SW 11	N 32.398087	W-104.460143
SW 12	N 32.398190	W-104.460029
SW 13	N 32.398198	W-104.460058
SW 14	N 32.398113	W-104.460146
SW 15	N 32.398058	W-104.460226
SW 16	N 32.397948	W-104.460394
SW 17	N 32.397777	W-104.460567
SW 18	N 32.397725	W-104.460675
SW 19	N 32.397685	W-104.460770
SW 20	N 32.397661	W-104.460857
SW 21	N 32.397623	W-104.460930
SW 22	N 32.397578	W-104.461013
SW 23	N 32.397484	W-104.461009
SW 24	N 32.397375	W-104.460987

[illegible][illegible][illegible]

	Sample ID	BS 55@1.5'	BS 56@1.5'	BS 57@1.5'
Analyte	Date	3/28/24	3/28/24	3/28/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14	SW 15	SW 16	SW 17	SW 18
Analyte	Date	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		32.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	16.0	16.0	16.0	16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 19	SW 20	SW 21	SW 22	SW 23	SW 24
Analyte	Date	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24	3/29/24
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		16.0	16.0	16.0	16.0	16.0	16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

National Flood Hazard Layer FIRMMette



104°27'59"W 32°24'7"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

104°27'21"W 32°23'37"N

Released to Imaging: 4/22/2024 9:36:55 AM

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards




The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 3/28/2024 at 1:36 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

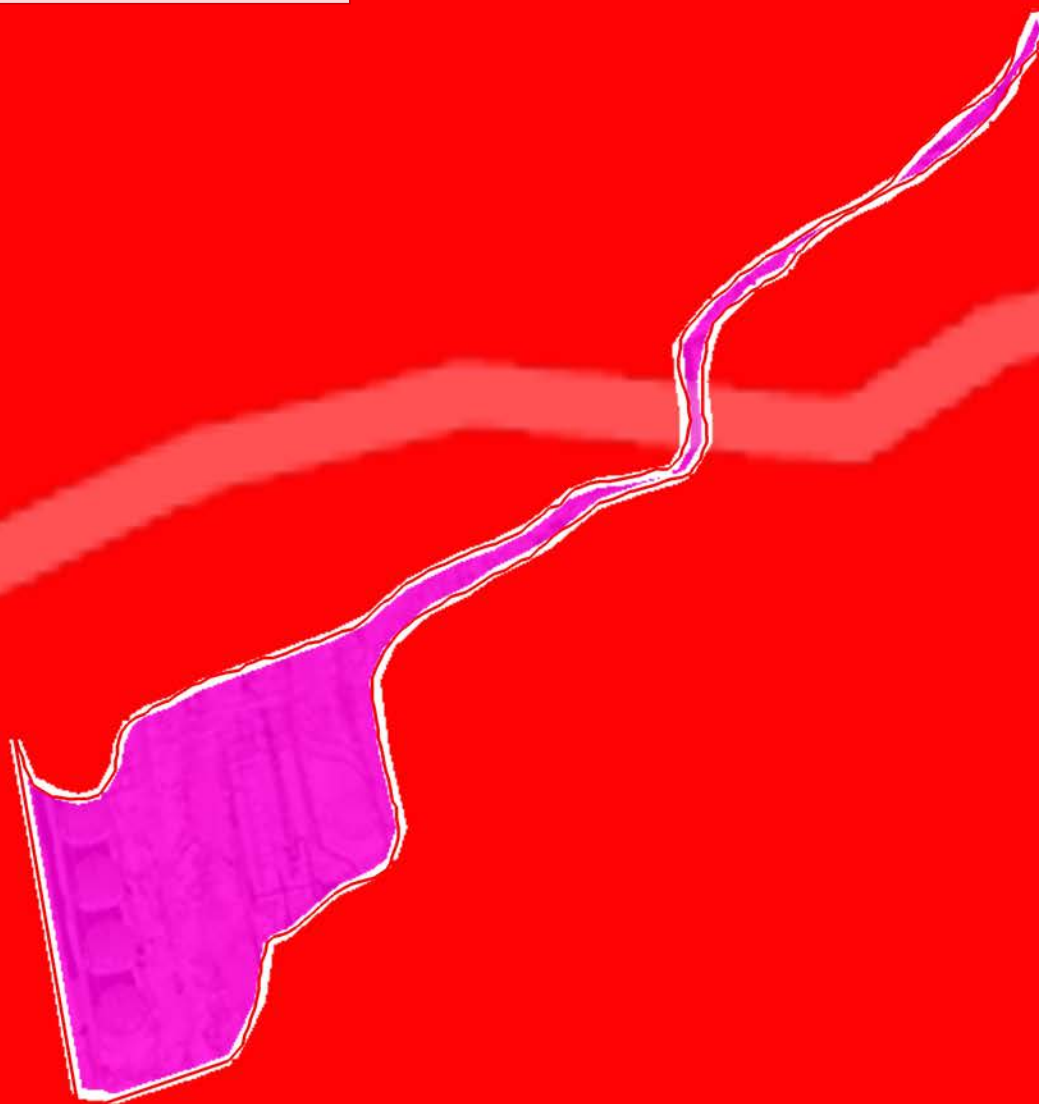
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

OXY,MCKITTRICK HILLS CTB

LEAK DATE : 12/8/13
EDDY COUNTY, NM
ID#nMW1334452660

Legend

-  Excavation area of 1.5'
-  High
-  Leak Area



Google Earth

200 ft

OXY, MCKITTRICK HILL CTB(12/8/13) 1.55 MILES TO WATER POD



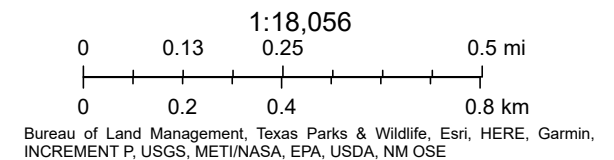
3/28/2024, 2:13:24 PM

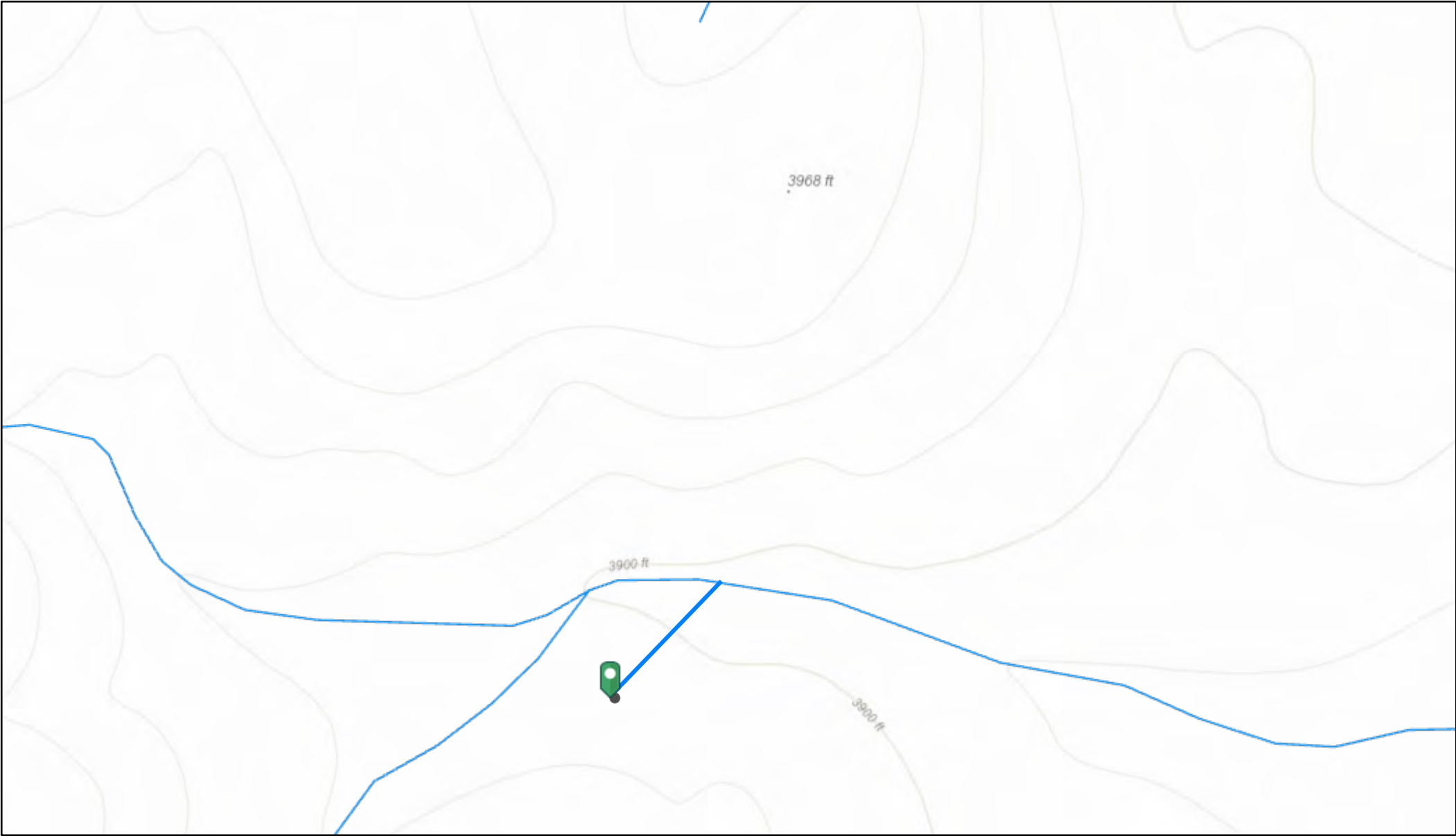
OSE Water PODs

● Pending

— OSE Streams

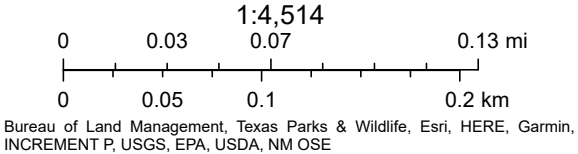
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3/28/2024, 11:32:01 AM

— OSE Streams



WR-15

IMPORTANT—READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM

APPLICATION FOR PERMIT

To appropriate the Underground Waters of the State of New Mexico

CARLSBAD GROUND WATER BASIN

- Application No. C-843 Book C-5 Date Received July 28, 1958
1. Name of applicant William H. Shaffer
 Postoffice address Queen Route City or Town Carlsbad
 County of Eddy State of New Mexico
2. Source of water supply shallow
 (state whether artesian or shallow ground water basin)
 located in Carlsbad
 (name of underground stream, valley, artesian basin, etc.)
3. The well is to be located in the 10 of section 10 Township 22 S Range 24 E N.M.P.M.
 on land owned by B. L. M.
4. Description of well: driller A. H. Moreland W.D. No. 8; depth to be drilled 220 feet;
 diameter (outside) of casing 8 inches; type of pump and power plant to be used
windmill
5. Quantity of water to be appropriated and beneficially used _____
 (feet depth or acre feet per acre)
 for stockwater purposes.
6. Acreage to be irrigated _____ acres
 located and described as follows (describe only lands to be irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner
<u>10</u>	<u>10</u>	<u>22 S</u>	<u>24 E</u>		<u>B. L. M.</u>

(Note: location of well and acreage to be irrigated must be shown on plat on reverse side.)

7. Time required to commence construction immediately;
 Time required to complete the work _____;
 Time required to fully apply water to beneficial use 1 year
8. Additional statements or explanations (including data on any other water rights appurtenant to above lands)
This application is made for the purpose of recording an old well and to
clean out the same

I, William H. Shaffer, being first duly sworn upon my oath, depose and say that I have carefully read the foregoing statement and each and all of the items contained therein, and that the same are true to the best of my knowledge and belief.

William H. Shaffer applicant

Subscribed and sworn to before me this 23rd day of July, A. D., 19 58
 My Commission expires 6-11-62

Arnetta R. Lewis
 Notary Public.

APPROVAL OF THE STATE ENGINEER

Number of this permit C-843 Date received corrected _____
 Recorded in Book C-5 Publication of notice ordered _____
 Page 843 Name of paper _____
 Application received July 28, 1958 Affidavit of publication filed _____
 Date returned for correction _____ Date of approval August 5, 1958

This application is approved for 3 _____ acre feet of water
 subject to all prior valid and existing rights to the use of the waters of said underground source and provided that
 the applicant complies with all rules and regulations of the State Engineer pertaining to the drilling of wells _____
 (1) Appropriation limited to 3 acre feet per annum for domestic and stock purposes and the
 irrigation of a maximum of 1 acre of non-commercial garden trees or lawn. (2) Diameter of
 casing not to exceed 7" OD and depth in no event is to exceed depth of valley fill above the
 red bed or other underlying formation. (3) This permit will automatically expire unless well
 is repaired and well record filed on or before one year from the date of approval.

Works shall be completed and proofs filed on or before _____

Water shall be applied to beneficial use and proofs filed on or before _____

This is to certify that I have examined the above application for permit to appropriate the underground waters
 of the State of New Mexico and hereby approve the same subject to the foregoing provisions and conditions.

Witness my hand and seal this 5th day of August, A.D. 1958.

S. E. Reynolds

State Engineer

LOCATE WELL AND ACREAGE TO BE IRRIGATED AS ACCURATELY AS POSSIBLE ON FOLLOWING PLAT:

Section (s) 10, Township 22 South, Range 24 East N.M.P.M.

By: Fred H. Hennighausen
 Supervisor, District II

INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4—Fill out all blanks fully and accurately.

Sec. 5—Irrigation use shall be stated in feet depth or acre feet of water per acre to be applied on the land. If for domestic, municipal, or other purposes, state total quantity in acre feet to be used annually. Domestic use may include the irrigation of not more than one acre of lawn and garden for noncommercial use.

Sec. 6—Describe only the lands to be irrigated. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

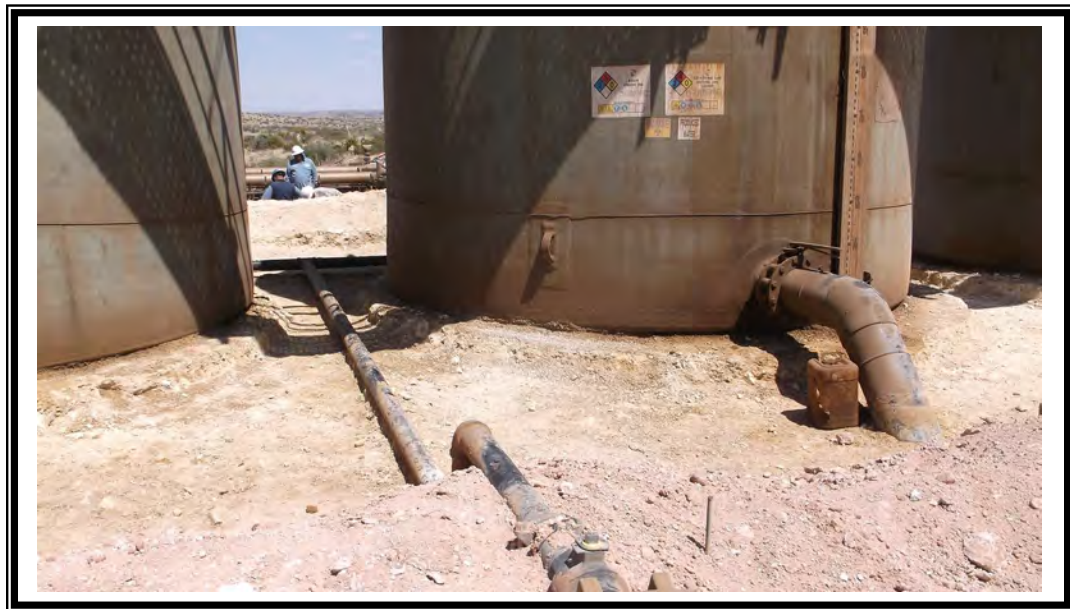
Sec. 7—Estimate time reasonably required to commence and to complete project.

Sec. 8—If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.



OXY – MCKITTRICK HILLS CTB (12/8/13)





OXY – MCKITTRICK HILLS CTB (12/8/13)





OXY – MCKITTRICK HILLS CTB (12/8/13)





OXY – MCKITTRICK HILLS CTB (12/8/13)





OXY – MCKITTRICK HILLS CTB (12/8/13)

MCKITTRICK HILLS CTB: 3/29/24





OXY – MCKITTRICK HILLS CTB (12/8/13)





OXY – MCKITTRICK HILLS CTB (12/8/13)





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

April 02, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MCKITTRICK HILLS CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/01/24 11:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 1 @ 1.5' (H241654-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.13	106	2.00	3.57	
Toluene*	<0.050	0.050	04/01/2024	ND	2.08	104	2.00	3.29	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.02	101	2.00	2.95	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.86	97.7	6.00	3.03	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 2 @ 1.5' (H241654-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.13	106	2.00	3.57		
Toluene*	<0.050	0.050	04/01/2024	ND	2.08	104	2.00	3.29		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.02	101	2.00	2.95		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.86	97.7	6.00	3.03		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 3 @ 1.5' (H241654-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.13	106	2.00	3.57		
Toluene*	<0.050	0.050	04/01/2024	ND	2.08	104	2.00	3.29		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.02	101	2.00	2.95		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.86	97.7	6.00	3.03		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 4 @ 1.5' (H241654-04)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.13	106	2.00	3.57		
Toluene*	<0.050	0.050	04/01/2024	ND	2.08	104	2.00	3.29		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.02	101	2.00	2.95		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.86	97.7	6.00	3.03		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 5 @ 1.5' (H241654-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.13	106	2.00	3.57		
Toluene*	<0.050	0.050	04/01/2024	ND	2.08	104	2.00	3.29		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.02	101	2.00	2.95		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.86	97.7	6.00	3.03		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 6 @ 1.5' (H241654-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.13	106	2.00	3.57		
Toluene*	<0.050	0.050	04/01/2024	ND	2.08	104	2.00	3.29		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.02	101	2.00	2.95		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.86	97.7	6.00	3.03		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 7 @ 1.5' (H241654-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.13	106	2.00	3.57		
Toluene*	<0.050	0.050	04/01/2024	ND	2.08	104	2.00	3.29		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.02	101	2.00	2.95		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.86	97.7	6.00	3.03		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 8 @ 1.5' (H241654-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 9 @ 1.5' (H241654-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 1.5' (H241654-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 1.5' (H241654-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 1.5' (H241654-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 1.5' (H241654-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 1.5' (H241654-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/01/2024	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	04/01/2024	ND	243	122	200	2.75	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	231	116	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 1.5' (H241654-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 1.5' (H241654-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
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Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 1.5' (H241654-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 1.5' (H241654-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 49.1-148

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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 1.5' (H241654-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 1.5' (H241654-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15		
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827		
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND						

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 1.5' (H241654-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 1.5' (H241654-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15		
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827		
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND						

Surrogate: 1-Chlorooctane 67.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.0 % 49.1-148

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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: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 23 @ 1.5' (H241654-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 1.5' (H241654-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 1.5' (H241654-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 1.5' (H241654-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 1.5' (H241654-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	1.80	89.8	2.00	4.06		
Toluene*	<0.050	0.050	04/01/2024	ND	1.98	98.8	2.00	3.71		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.93	96.4	2.00	3.02		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.93	98.8	6.00	3.41		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15		
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827		
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND						

Surrogate: 1-Chlorooctane 69.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 49.1-148

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Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 28 @ 1.5' (H241654-28)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 1.5' (H241654-29)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 1.5' (H241654-30)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 31 @ 1.5' (H241654-31)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/01/2024	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	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.6 % 49.1-148

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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 1.5' (H241654-32)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 1.5' (H241654-33)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 1.5' (H241654-34)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	214	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	214	107	200	0.827	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 1.5' (H241654-35)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 1.5' (H241654-36)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 1.5' (H241654-37)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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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: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 38 @ 1.5' (H241654-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 1.5' (H241654-39)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 1.5' (H241654-40)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 74.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 1.5' (H241654-41)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 72.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 1.5' (H241654-42)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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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: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 43 @ 1.5' (H241654-43)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 1.5' (H241654-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 1.5' (H241654-45)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 1.5' (H241654-46)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Analytical Results For:

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Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 47 @ 1.5' (H241654-47)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.11	105	2.00	1.66		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	1.28		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.06	103	2.00	1.32		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.22	104	6.00	2.06		
Total BTX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 1.5' (H241654-48)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 1.5' (H241654-49)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.8 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 1.5' (H241654-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 1.5' (H241654-51)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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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: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: (12/8/13)
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/28/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: BOTTOM SAMPLE 52 @ 1.5' (H241654-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 1.5' (H241654-53)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 54 @ 1.5' (H241654-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	248	124	200	5.63	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	224	112	200	7.96	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 55 @ 1.5' (H241654-55)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.0 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 56 @ 1.5' (H241654-56)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.5 % 49.1-148

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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:	04/01/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	MCKITTRICK HILLS CTB	Sampling Condition:	Cool & Intact
Project Number:	(12/8/13)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 57 @ 1.5' (H241654-57)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 49.1-148

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Notes and Definitions

- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ORDINAL LABORATORIES

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 Phone #: 575-397-6388 State: NM Zip: 88241 Fax #: 575-397-0397 Project #: Project Name: MCKITTRICK HILLS CTB (12/8/13) Project Location: New Mexico Sampler Name: SIMON RENDON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
BILL TO				ANALYSIS REQUEST			
FOR LAB USE ONLY Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING		DATE TIME	
BOTTOM SAMPLE 1@1.5' BOTTOM SAMPLE 2@1.5' BOTTOM SAMPLE 3@1.5' BOTTOM SAMPLE 4@1.5' BOTTOM SAMPLE 5@1.5' BOTTOM SAMPLE 6@1.5' BOTTOM SAMPLE 7@1.5' BOTTOM SAMPLE 8@1.5' BOTTOM SAMPLE 9@1.5' BOTTOM SAMPLE 10@1.5'		1 2 3 4 5 6 7 8 9 10		3/28/24 3/28/24 3/28/24 3/28/24 3/28/24 3/28/24 3/28/24 3/28/24 3/28/24 3/28/24 3/28/24		7:55 8:06 8:15 8:27 8:36 8:45 8:57 9:10 9:19 9:27	
Chloride BTEX TPH/EXT							
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Relinquished By: [Signature]		Date: 4-1-24 Time: 11:20 Date: 11-20 Time:		Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #: REMARKS:	
Delivered By: (Circle One) Sample - UPS - Bus - Other:		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials)		24 hr Fresh	



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company: Oxy			
Address: P.O. Box 805		Attn:			
City: Hobbs		Address:			
Phone #: 575-397-6388		State: NM Zip: 88241			
Fax #: 575-397-0397		City:			
Project #:		State:			
Project Name: MCKITTRICK HILLS CTB (12/8/13)		Zip:			
Project Location: New Mexico		Phone #:			
Sampler Name: SIMON RENDON		Fax #:			
FOR LAB USE ONLY					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.
				GROUNDWATER	SAMPLING
				WASTEWATER	
				SOIL	
				OIL	
				SLUDGE	
				OTHER :	
				ACID/BASE:	
				ICE / COOL	
				OTHER :	
				DATE	TIME
11	BOTTOM SAMPLE 11@1.5'			3/28/24	9:36
12	BOTTOM SAMPLE 12@1.5'			3/28/24	9:47
13	BOTTOM SAMPLE 13@1.5'			3/28/24	9:55
14	BOTTOM SAMPLE 14@1.5'			3/28/24	10:09
15	BOTTOM SAMPLE 15@1.5'			3/28/24	10:20
16	BOTTOM SAMPLE 16@1.5'			3/28/24	10:27
17	BOTTOM SAMPLE 17@1.5'			3/28/24	10:35
18	BOTTOM SAMPLE 18@1.5'			3/28/24	10:45
19	BOTTOM SAMPLE 19@1.5'			3/28/24	10:56
20	BOTTOM SAMPLE 20@1.5'			3/28/24	11:05
PLEASE NOTE: Laboratory and Client signatures are required for any chain of custody. Samples should be sealed in the presence of the client and the laboratory. All samples should be sealed in the presence of the client and the laboratory. All samples should be sealed in the presence of the client and the laboratory.					
Relinquished By: <i>[Signature]</i> Date: 4-1-24 Received By: <i>[Signature]</i> Date: 4-1-24					
Relinquished By: <i>[Signature]</i> Date: 4-1-24 Received By: <i>[Signature]</i> Date: 4-1-24					
Delivered By: (Circle One) Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Other					
Sampler - UPS - Bus - Other: Checked By: <i>[Signature]</i> Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:					
Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476					



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 62 of 65



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		BILL TO											
Project Manager: Cliff Brunson		Company: Oxy		ANALYSIS REQUEST											
Address: P.O. Box 805		Attn:													
City: Hobbs		State: NM		Zip: 88241											
Phone #: 575-397-6388		Fax #: 575-397-0397													
Project #:		Project Owner: Oxy													
Project Name: MCKITTRICK HILLS CTB (12/8/13)		City:													
Project Location: New Mexico		State:		Zip:											
Sampler Name: SIMON RENDON		Phone #:													
Fax #:															
<small>FOR LAB USE ONLY</small>															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING			
H241654		BOTTOM SAMPLE 31@1.5'		G		GROUNDWATER		SOIL		ACID/BASE:		DATE			
31		BOTTOM SAMPLE 32@1.5'				WASTEWATER		OIL		ICE / COOL		TIME			
32		BOTTOM SAMPLE 33@1.5'				SLUDGE		OTHER :		OTHER :					
33		BOTTOM SAMPLE 34@1.5'													
34		BOTTOM SAMPLE 35@1.5'													
35		BOTTOM SAMPLE 36@1.5'													
36		BOTTOM SAMPLE 37@1.5'													
37		BOTTOM SAMPLE 38@1.5'													
38		BOTTOM SAMPLE 39@1.5'													
39		BOTTOM SAMPLE 40@1.5'													
40															
<small>PLEASE NOTE: Liability and Damages. Cardinal custody and chain of custody is required for any down stream analysis based on samples or test. Samples must be received by the client for the analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors which are not related to the performance of services provided by Cardinal. Requesters of analysis shall obtain and maintain adequate liability insurance or coverage.</small>															
Relinquished By:		Date: 4-1-24		Received By:		Phone Result:		Fax Result:		REMARKS:					
S. S. S.		1:20		S. S. S.		Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>							
Delivered By: (Circle One)		Time:		Time:		Sample Condition		CHECKED BY:							
Sampler - UPS - Bus - Other:		#140		-140		Cool <input checked="" type="checkbox"/> Intake <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>							

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST									
Project Manager: Cliff Brunson		P.O. #:											
Address: P.O. Box 805		Company: Oxy											
City: Hobbs		Attn:											
Phone #: 575-397-6388		State: NM		Zip: 88241									
Fax #: 575-397-0397		Address:											
Project #:		City:											
Project Name: MCKITTRICK HILLS CTB (12/8/13)		State:											
Project Location: New Mexico		Zip:											
Sampler Name: SIMON RENDON		Phone #:											
Fax #:													
<small>FOR LAB USE ONLY</small>													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING	
411		BOTTOM SAMPLE 41@1.5'		1		GROUNDWATER		✓		DATE		TIME	
423		BOTTOM SAMPLE 42@1.5'				WASTEWATER				3/28/24		2:16	
433		BOTTOM SAMPLE 43@1.5'				SOIL				3/28/24		2:25	
444		BOTTOM SAMPLE 44@1.5'				OIL				3/28/24		2:33	
445		BOTTOM SAMPLE 45@1.5'				SLUDGE				3/28/24		2:40	
446		BOTTOM SAMPLE 46@1.5'				OTHER :				3/28/24		2:47	
447		BOTTOM SAMPLE 47@1.5'				ACID/BASE:				3/28/24		2:54	
448		BOTTOM SAMPLE 48@1.5'				ICE / COOL				3/28/24		3:00	
449		BOTTOM SAMPLE 49@1.5'				OTHER :				3/28/24		3:07	
500		BOTTOM SAMPLE 50@1.5'								3/28/24		3:16	
										3/28/24		3:23	
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Relinquished By:		Date: 4-1-24		Received By:		Phone Result:		Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Phone #:		Yes <input type="checkbox"/> No <input type="checkbox"/>	
Relinquished By:		Date: 4-1-20		Received By:		Fax Result:		Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Fax #:		Yes <input type="checkbox"/> No <input type="checkbox"/>	
Delivered By: (Circle One)		Time:		Sample Condition:		CHECKED BY:							
Sampler - UPS - Bus - Other:		Time:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>		(Initials)							
				Yes <input type="checkbox"/> No <input type="checkbox"/>									
				Yes <input type="checkbox"/> No <input type="checkbox"/>									
REMARKS:													

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: Cliff Brunson				P.O. #:															
Address: P.O. Box 805																			
City: Hobbs				State: NM				Zip: 88241											
Phone #: 575-397-6388				Fax #: 575-397-0397				Attn:											
Project #:				Project Owner: Oxy				Address:											
Project Name: MCKITTRICK HILLS CTB (12/8/13)				City:				State:											
Project Location: New Mexico				Phone #:				Zip:											
Sampler Name: SIMON RENDON				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP		# CONTAINERS	MATRIX					PRESERV	SAMPLING						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :							
H641654		BOTTOM SAMPLE 51@1.5'		✓		1		✓						DATE	TIME	Chloride			
51		BOTTOM SAMPLE 52@1.5'		✓										3/28/24	3:29	BTEx			
52		BOTTOM SAMPLE 53@1.5'		✓										3/28/24	3:37	TPHEXT			
53		BOTTOM SAMPLE 54@1.5'		✓										3/28/24	3:45				
54		BOTTOM SAMPLE 55@1.5'		✓										3/28/24	3:52				
55		BOTTOM SAMPLE 56@1.5'		✓										3/28/24	4:00				
56		BOTTOM SAMPLE 57@1.5"		✓										3/28/24	4:07				
57														3/28/24	4:15				
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Relinquished By:				Date: 4/1/24				Received By:				Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Add'l Phone #:			
Relinquished By:				Time: 1:10				Received By:				Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Add'l Fax #:			
Delivered By: (Circle One)				Sample Condition				CHECKED BY:											
Sampler - UPS - Bus - Other:				Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
				#440				-14.0°C											

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

April 02, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MCKITTRICK HILLS CTB

Enclosed are the results of analyses for samples received by the laboratory on 04/01/24 11:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 1 (H241655-01)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75	
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/02/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 2 (H241655-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 3 (H241655-03)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 4 (H241655-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 66.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 5 (H241655-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 6 (H241655-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 7 (H241655-07)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 8 (H241655-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 49.1-148

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Analytical Results For:

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Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 9 (H241655-09)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 10 (H241655-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.20	110	2.00	1.75		
Toluene*	<0.050	0.050	04/01/2024	ND	2.16	108	2.00	1.99		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.11	106	2.00	2.01		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.15	103	6.00	2.25		
Total BTEx	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 11 (H241655-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819		
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	QR-03	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	QR-03	
Total BTEX	<0.300	0.300	04/01/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 12 (H241655-12)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 13 (H241655-13)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 14 (H241655-14)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/02/2024	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 15 (H241655-15)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 16 (H241655-16)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/02/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/02/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 17 (H241655-17)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/02/2024	ND	206	103	200	2.24	
DRO >C10-C28*	<10.0	10.0	04/02/2024	ND	191	95.3	200	0.205	
EXT DRO >C28-C36	<10.0	10.0	04/02/2024	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 18 (H241655-18)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	200	99.8	200	2.55	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	201	101	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 19 (H241655-19)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	200	99.8	200	2.55	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	201	101	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 20 (H241655-20)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	200	99.8	200	2.55	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	201	101	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 21 (H241655-21)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	200	99.8	200	2.55	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	201	101	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 22 (H241655-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTEX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	200	99.8	200	2.55	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	201	101	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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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: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 23 (H241655-23)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/01/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/01/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/01/2024	ND	6.48	108	6.00	0.101	
Total BTX	<0.300	0.300	04/01/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	200	99.8	200	2.55	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	201	101	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 04/01/2024
 Reported: 04/02/2024
 Project Name: MCKITTRICK HILLS CTB
 Project Number: 12/8/13
 Project Location: OXY - EDDY COUNTY, NM

Sampling Date: 03/29/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SIDEWALL 24 (H241655-24)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/02/2024	ND	2.15	107	2.00	0.0819	
Toluene*	<0.050	0.050	04/02/2024	ND	2.12	106	2.00	0.599	
Ethylbenzene*	<0.050	0.050	04/02/2024	ND	2.17	108	2.00	0.239	
Total Xylenes*	<0.150	0.150	04/02/2024	ND	6.48	108	6.00	0.101	
Total BTX	<0.300	0.300	04/02/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/02/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	200	99.8	200	2.55	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	201	101	200	4.43	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

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.		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company: Oxy					
Address: P.O. Box 805		Attn:					
City: Hobbs		State: NM		Zip: 88241			
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:			
Project #:		Project Owner: Oxy		City:			
Project Location: MCKITTRICK HILLS CTB (12/8/13)		State:		Zip:			
Sampler Name: SIMON RENDON		Phone #:		Fax #:			
FOR LAB USE ONLY		(G)RAB OR (C)OMP.		MATRIX		PRESERV.	
Lab I.D.		# CONTAINERS		GROUNDWATER		WASTEWATER	
Sample I.D.		SOIL		OIL		SLUDGE	
		OTHER :		ACID/BASE:		ICE / COOL	
		OTHER :		DATE		TIME	
SIDEWALL 1		3/29/24		9:18		✓	
SIDEWALL 2		3/29/24		9:26		✓	
SIDEWALL 3		3/29/24		9:34		✓	
SIDEWALL 4		3/29/24		9:45		✓	
SIDEWALL 5		3/29/24		9:56		✓	
SIDEWALL 6		3/29/24		10:10		✓	
SIDEWALL 7		3/29/24		10:23		✓	
SIDEWALL 8		3/29/24		10:35		✓	
SIDEWALL 9		3/29/24		10:44		✓	
SIDEWALL 10		3/29/24		10:54		✓	
PLEASE NOTE: Liability and Partings. Cardinal's liability and coverage extends only for sampling and analysis performed in accordance with the contract or for sampling and analysis performed in accordance with the contract or for sampling and analysis performed in accordance with the contract.		Relinquished By:		Date: 4-1-24		Received By:	
Relinquished By:		Date: 11-20		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Delivered By: (Circle One)		Sample Condition		CHECKED BY:		REMARKS:	
Sampler - UPS - Bus - Other:		Cool Intact		(Initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Yes No		Yes No		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		P.O. #:			
Address: P.O. Box 805		Company: Oxy			
City: Hobbs		Attn:			
Phone #: 575-397-6388		State: NM		Zip: 88241	
Fax #: 575-397-0397		Address:			
Project #:		City:			
Project Name: MCKITTRICK HILLS CTB (12/8/13)		State:		Zip:	
Project Location: New Mexico		Phone #:			
Sampler Name: SIMON RENDON		Fax #:			
FOR LAB USE ONLY					
Lab I.D.		Sample I.D.			
H041655					
11 SIDEWALL 11		(G)RAB OR (C)OMP.			
12 SIDEWALL 12		# CONTAINERS			
13 SIDEWALL 13		GROUNDWATER			
14 SIDEWALL 14		WASTEWATER			
15 SIDEWALL 15		SOIL			
16 SIDEWALL 16		OIL			
17 SIDEWALL 17		SLUDGE			
18 SIDEWALL 18		OTHER :			
19 SIDEWALL 19		ACID/BASE:			
20 SIDEWALL 20		ICE / COOL			
		OTHER :			
		DATE		TIME	
		3/29/24		11:07	
		3/29/24		11:20	
		3/29/24		11:29	
		3/29/24		11:36	
		3/29/24		11:47	
		3/29/24		11:55	
		3/29/24		12:10	
		3/29/24		12:21	
		3/29/24		12:30	
		3/29/24		12:40	
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Relinquished By:		Date: 4-1-24		Received By:	
Relinquished By:		Date: 4-1-24		Received By:	
Delivered By: (Circle One)		Sample Condition		CHECKED BY:	
Sampler - UPS - Bus - Other:		Cool/Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
† Cardinal cannot accept verbal changes. Please fax written changes to 805-393-2476					



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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: MCKITTRICK HILLS CTB (12/8/13) Project Location: New Mexico Sampler Name: SIMON RENDON				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				ANALYSIS REQUEST			
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING		DATE TIME	
21 SIDEWALL 21 22 SIDEWALL 22 23 SIDEWALL 23 24 SIDEWALL 24		1 1 1 1		3/29/24 3/29/24 3/29/24 3/29/24		12:52 1:04 1:15 1:25	
H241655		Chloride BTEX IPHEX					
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Relinquished By: [Signature]		Date: 4-1-24 Time: 11:20 Date: 11:20 Time:		Received By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials)			
#140 -140							

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

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

QUESTIONS

Action 330198

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	330198
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nJMW1334452660
Incident Name	NJMW1334452660 MCKITTRICK HILLS CTB @ 0
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Facility	[fJMW1334451912] McKittrick Hills CTB

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MCKITTRICK HILLS CTB
Date Release Discovered	12/08/2013
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Overflow - Tank, Pit, Etc. Tank (Any) Produced Water Released: 200 BBL Recovered: 160 BBL Lost: 40 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I

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District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS, Page 2

Action 330198

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	330198
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 04/04/2024
--	---

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QUESTIONS, Page 3

Action 330198

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	330198
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 300 and 500 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	32
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	10
GRO+DRO	(EPA SW-846 Method 8015M)	10
BTEX	(EPA SW-846 Method 8021B or 8260B)	0.3
Benzene	(EPA SW-846 Method 8021B or 8260B)	0.5

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/10/2014
On what date will (or did) the final sampling or liner inspection occur	03/28/2024
On what date will (or was) the remediation complete(d)	04/18/2014
What is the estimated surface area (in square feet) that will be reclaimed	11443
What is the estimated volume (in cubic yards) that will be reclaimed	635
What is the estimated surface area (in square feet) that will be remediated	11443
What is the estimated volume (in cubic yards) that will be remediated	635

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 330198

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 330198
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 04/04/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 330198

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 330198
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 330198

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	330198
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	326576
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/29/2024
What was the (estimated) number of samples that were to be gathered	81
What was the sampling surface area in square feet	11443

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	11443
What was the total volume (cubic yards) remediated	635
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	11443
What was the total volume (in cubic yards) reclaimed	635
Summarize any additional remediation activities not included by answers (above)	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no paperwork existed for verification therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet .

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 04/04/2024
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Action 330198

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 330198
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 330198

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 330198
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation approved.	4/22/2024
amaxwell	<ul style="list-style-type: none">The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	4/22/2024