

Closure Report

ID# nAB1917549482

Site Description

Site Name:	IRIDIUM MDP1 28 21 FEDERAL COM 2H
Company:	Oxy USA, Inc.
Legal Description:	U/L D , Section 33, T23S, R31 E
County:	EDDY County, NM
GPS Coordinates:	N 32.26738 W-103.78779

Release Data

Date of Release:	3/9/2019
Type of Release:	Produced water
Source of Release:	FRAC TANK SPILL DUE TO HUMAN ERROR
Volume of Release:	Produced water 12bbbls
Volume Recovered:	Produced Water 7bbbls

Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The entire leak area (BLUE shade on diagram) was excavated to a depth of 1 foot. The leak area is on a new pad location, not in the pasture. Bottom confirmation samples was collected at no greater than 200 ft.
Remediation Activities:	5/21/24 - 5/29/24

Plan Sent to OCD:	6/28/2019	
OCD Approval of Plan:	7/15/2019	
Plan Sent to BLM:	6/28/2019	
BLM Approval of Plan:	8/23/2019	

Supporting Documentation

Initial C-141	signed and included	
C-141, page 6	signed and included	
Site Diagram	Google Earth map	
Pictures	Remediation photos	
Lab Summary/Analysis		5/28/24,5/29/24,6/4/24
Notifications		5/22/2024

Request for Closure

Based on the completion of the remediation, OXY requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

7/26/2024

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1917549482
District RP	
Facility ID	
Application ID	

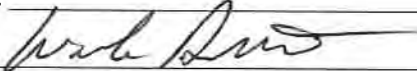
Closure

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 CoordinatorSignature:  Date: 7-14-24email: 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: _____

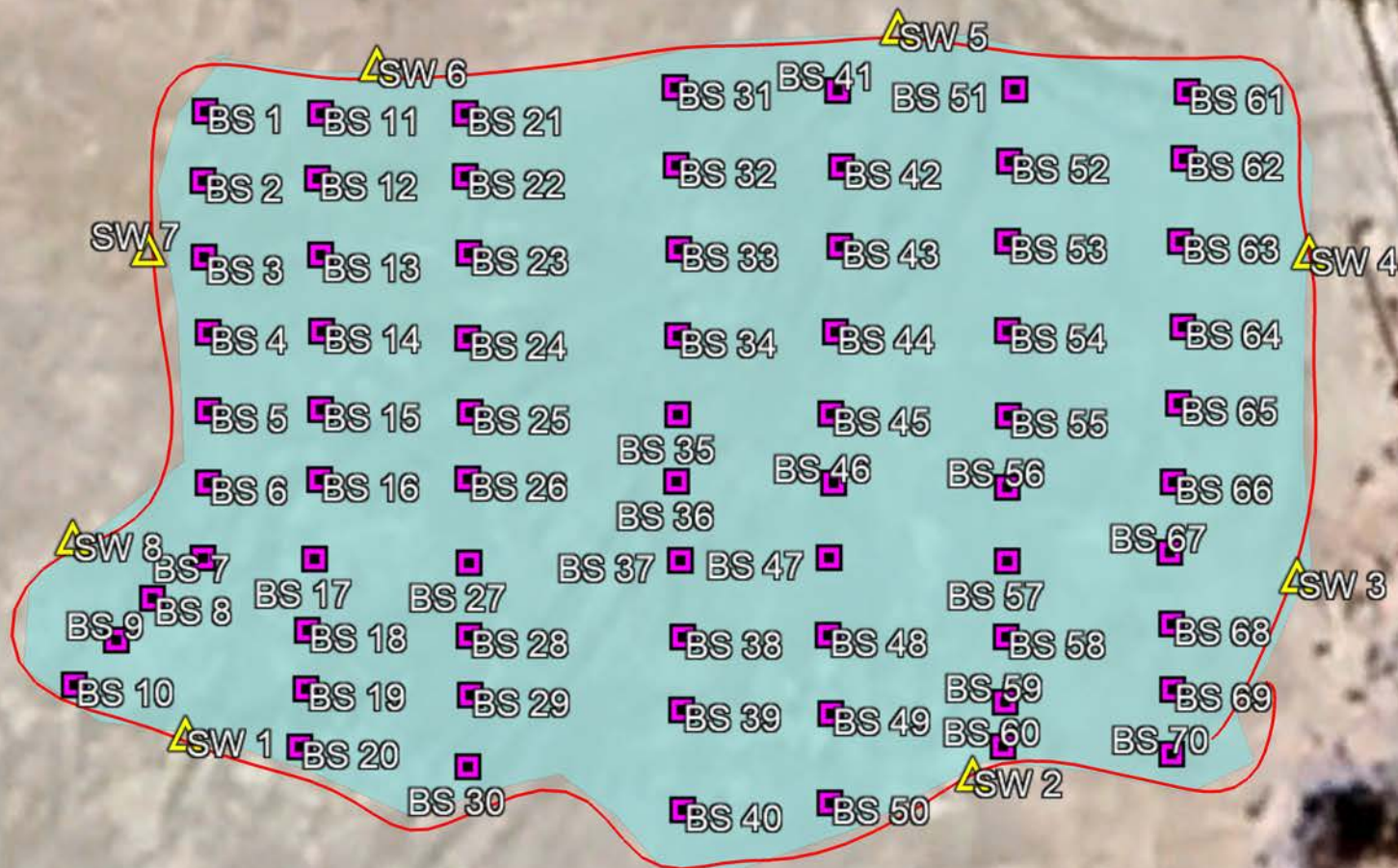
Printed Name: _____ Title: _____

OXY, IRIIDIUM MDP 1 28 21 FEDERAL COM #002H

LEAK DATE :03/09/2019
EDDY COUNTY , NM
ID#nAB1917549482

Legend

- 1 ft EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- LEAK AREA
- SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth



OXY, IRIIDIUM MDPI 28 21 FED COM 31H SAMPLE DATES : 5/28/24-5/29/2

BOTTOM SAMPLES

BS 1@1'	N 32.267577	W-103.788160
BS 2@1'	N 32.267544	W-103.788163
BS 3@1'	N 32.267512	W-103.788164
BS 4@1'	N 32.267482	W-103.788161
BS 5@1'	N 32.267456	W-103.788161
BS 6@1'	N 32.267428	W-103.788172
BS 7@1'	N 32.267116	W-103.788197
BS 8@1'	N 32.267404	W-103.788224
BS 9@1'	N 32.267390	W-103.788198
BS 10@1'	N 32.267375	W-103.788215
BS 11@1'	N 32.267576	W-103.788112
BS 12 @1'	N 32.267553	W-103.788114
BS 13@1'	N 32.267526	W-103.788112
BS 14@1'	N 32.267499	W-103.788112
BS 15@1'	N 32.267472	W-103.788112
BS 16@1'	N 32.267447	W-103.788113
BS 17@1'	N 32.267419	W-103.788115
BS 18@1'	N 32.267394	W-103.788118
BS 19@1'	N 32.267373	W-103.788119
BS 20@1'	N 32.267353	W-103.788121
BS 21@1'	N 32.267576	W-103.788052
BS 22@1'	N 32.267554	W-103.788052
BS 23@1'	N 32.267527	W-103.788051
BS 24@1'	N 32.267497	W-103.788051
BS 25@1'	N 32.267471	W-103.788050
BS 26@1'	N 32.267447	W-103.788051
BS 27@1'	N 32.267417	W-103.788051
BS 28@1'	N 32.267392	W-103.788051
BS 29@1'	N 32.267371	W-103.788050
BS 30@1'	N 32.267345	W-103.788051
BS 31@1'	N 32.267585	W-103.787965
BS 32@1'	N 32.267558	W-103.787964
BS 33@1'	N 32.267528	W-103.787963
BS 34@1'	N 32.267498	W-103.787964
BS 35@1'	N 32.267471	W-103.787961
BS 36@1'	N 32.267446	W-103.787964
BS 37@1'	N 32.267418	W-103.787962
BS 38@1'	N 32.267391	W-103.787961
BS 39@1'	N 32.267366	W-103.787962

BS 40@1'	N 32.267330	W-103.787961
BS 41@1'	N 32.267584	W-103.787897
BS 42@1'	N 32.267557	W-103.787895
BS 43@1'	N 32.267529	W-103.787896
BS 44@1'	N 32.267499	W-103.787898
BS 45@1'	N 32.267470	W-103.787900
BS 46@1'	N 32..267446	W-103.787899
BS 47@1'	N 32.267419	W-103.787900
BS 48@1'	N 32.267391	W-103.7878797
BS 49@1'	N 32.264364	W-103.787900
BS 50@1'	N 32.267333	W-103.787900
BS 51@1'	N 32.267584	W-103.787823
BS 52@1'	N 32.267559	W-103.787825
BS 53@1'	N 32.267531	W-103.787826
BS 54@1'	N 32.267499	W-103.787826
BS 55@1'	N 32.267469	W-103.787825
BS 56@1'	N 32.267444	W-103.787826
BS 57@1'	N 32.267418	W-103.787826
BS 58@1'	N 32.267391	W-103.787826
BS 59@1'	N 32.267368	W-103.787825
BS 60@1'	N 32.267353	W-103.787828
BS 61@1'	N 32.267584	W-103.787751
BS 62@1'	N 32.267560	W-103.787752
BS 63@1'	N 32.267531	W-103.787754
BS 64@1'	N 32.267501	W-103.787752
BS 65@1'	N 32.267474	W-103.787754
BS 66@1'	N 32.267446	W-103.787756
BS 67@1'	N 32.267421	W-103.787758
BS 68@1'	N 32.267396	W-103.787757
BS 69@1'	N 32.267372	W-103.787757
BS 70@1'	N 32.267350	W-103.787757

SIDEWALL SAMPLE POINTS

SW 1	N 32.267357	W-103.788169
SW 2	N 32.267342	W-103.787841
SW 3	N 32.267412	W-103.787705
SW 4	N 32.267527	W-103.787700
SW 5	N 32.267606	W-103.787873
SW 6	N 32.267593	W-103.788090
SW 7	N 32.267528	W-103.788184
SW 8	N 32.267426	W-103.788216

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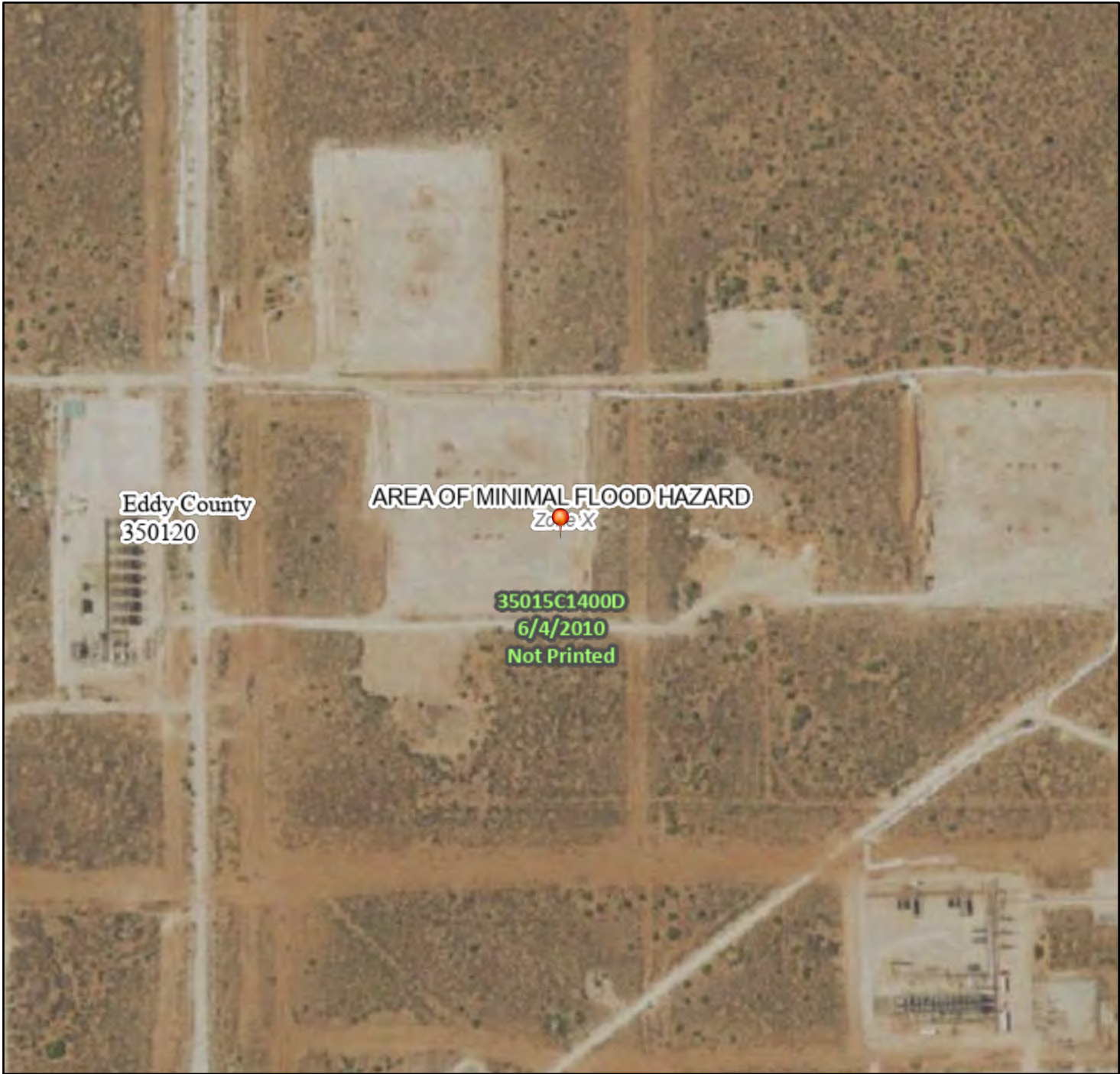
	Sample ID	BS 54@1'	BS 55@1'	BS 56@1'	BS 57@1'	BS 58@1'	BS 59@1'	BS 60@1'	BS 61@1'	BS 62@1'	BS 63@1'	BS 64@1'	BS 64@1'	BS 65@1'	BS 66@1'	BS 67@1'	BS 69@1'	BS 70@1'	BS 71@1'
Analyte	Date	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24
		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		80.0	96.0	80.0	96.0	80.0	80.0	96.0	80.0	80.0	80.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	80.0
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 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8
Analyte	Date	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24	5/29/24
		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
Toluene		<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
Total Xylenes		<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
Chloride		96.0	80.0	80.0	96.0	80.0	96.0	96.0	80.0
GRO		<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
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

National Flood Hazard Layer FIRMMette



103°47'35"W 32°16'18"N



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 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
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 7/10/2024 at 5:37 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 IRIIDIUM MDP1 28 21 FED COM 2H

LEAK DATE :03/09/2019
EDDY COUNTY , NM
ID#nAB1917549482

Legend

-  03-JUN-19
-  1 ft excavation
-  Low

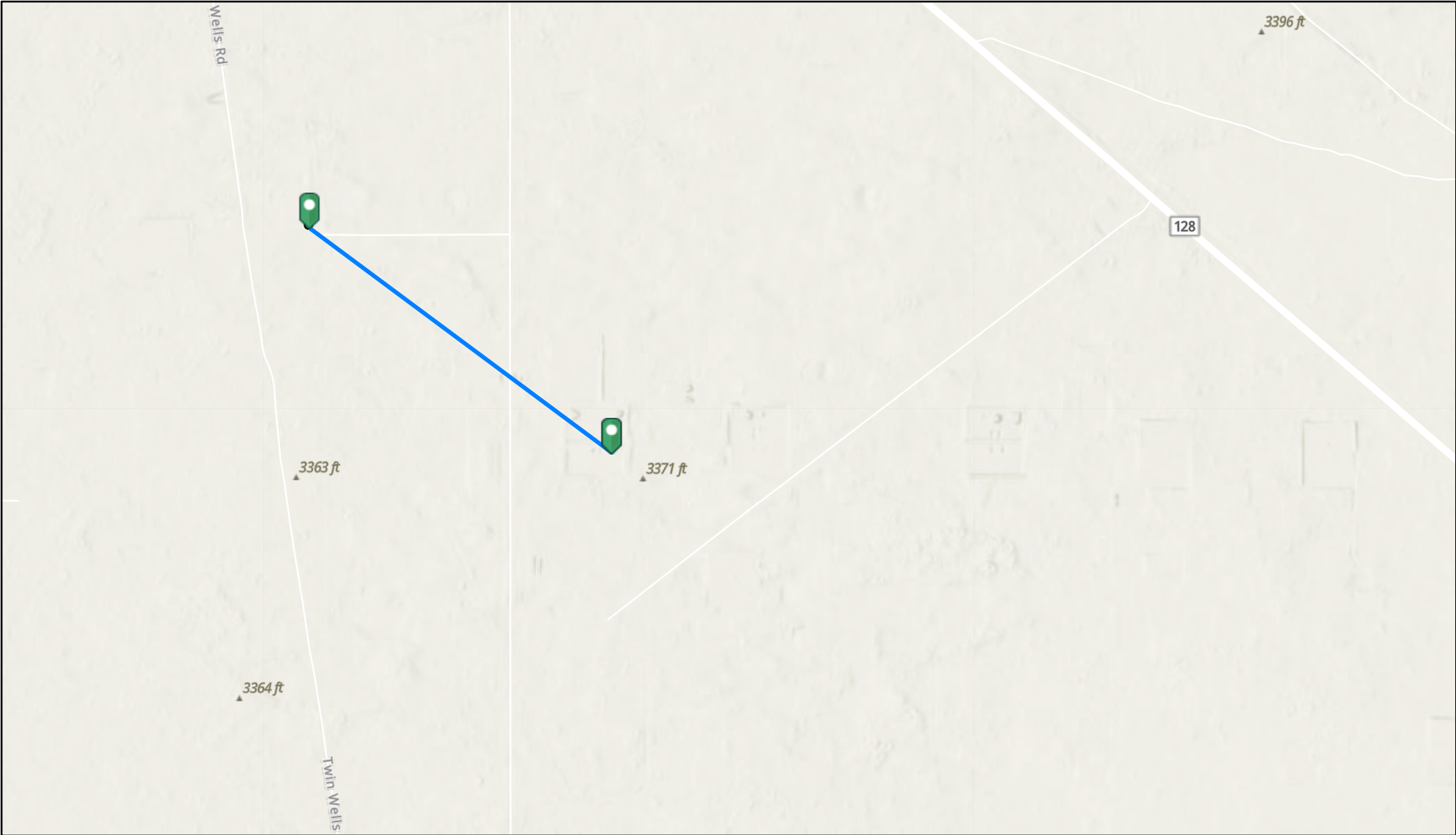


Google Earth



300 ft

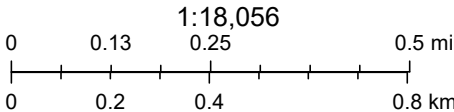
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7/10/2024, 3:32:33 PM

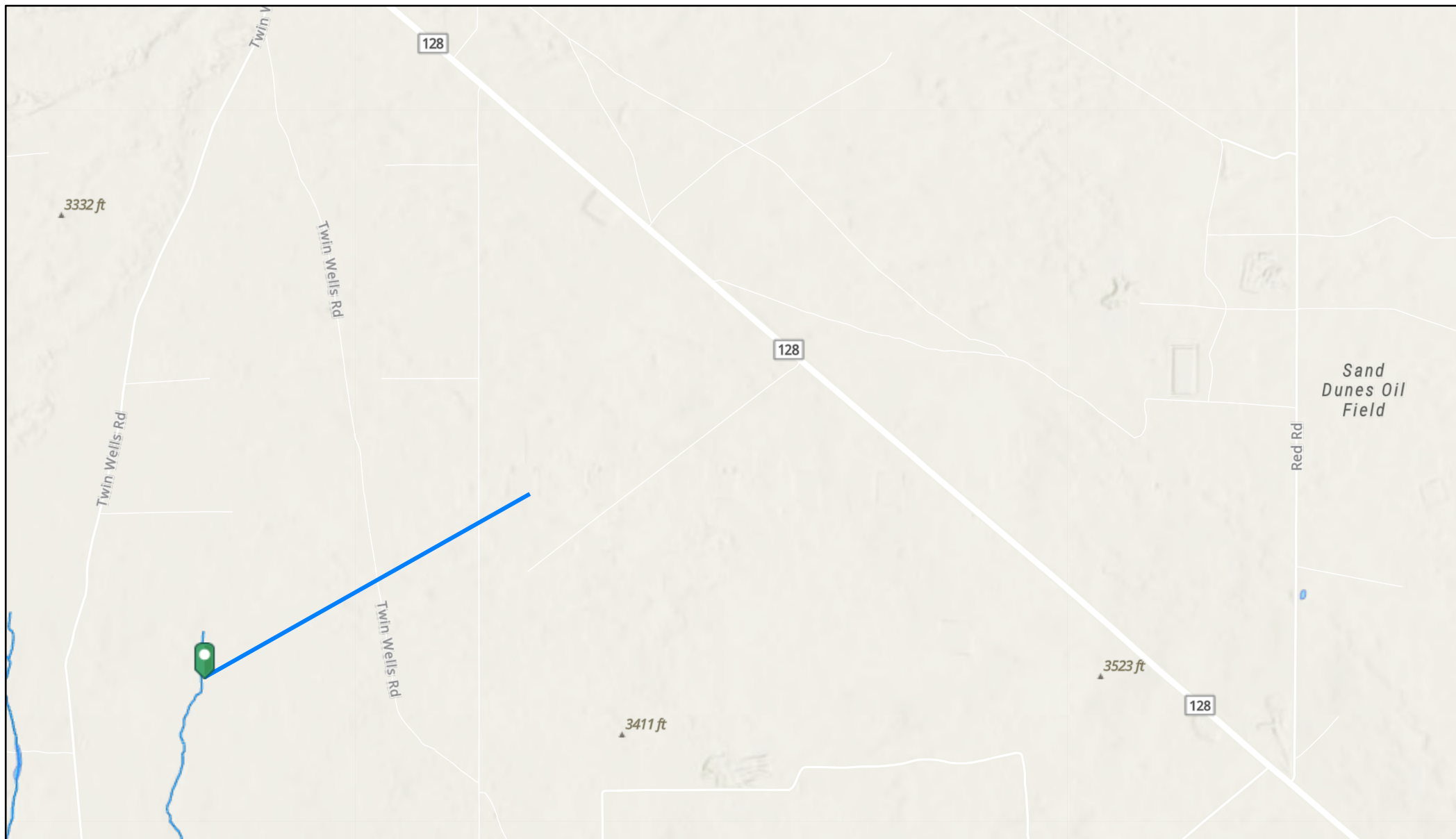
OSE Water PODs

● Pending



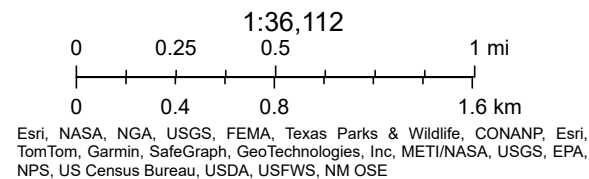
Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

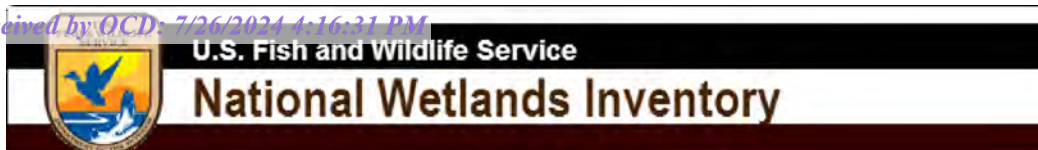
OXY, IRIDIUM MDP I 28 21 FED COM #2H (03/09/19) 7,120.S FEET OR 1.35 MILES TO WATER



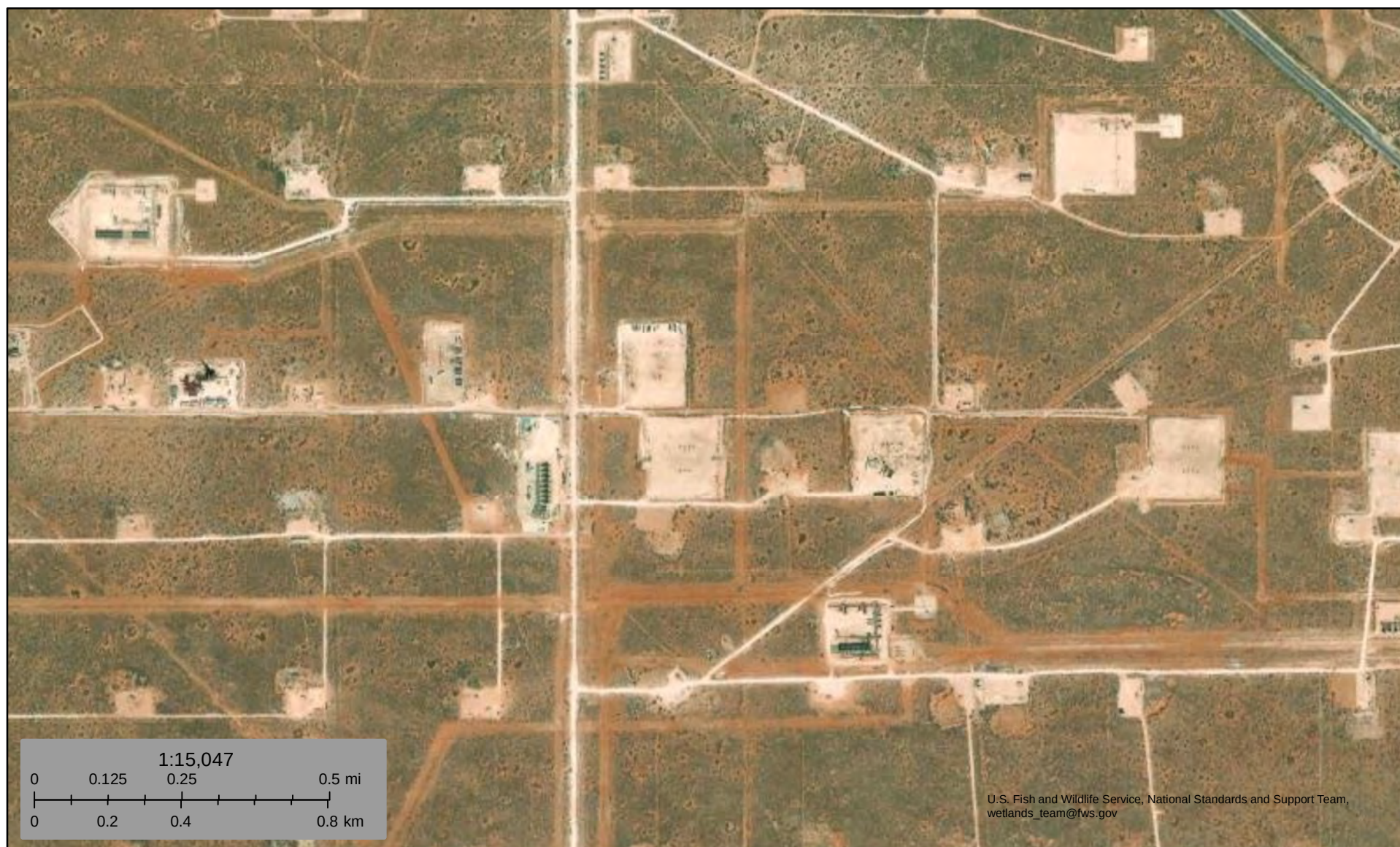
7/10/2024, 3:23:50 PM

- OSW Water Bodys
- OSE Streams





IRIDIUM MDP1 28 21 FED COM #2H (3/9/



July 10, 2024

Wetlands

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond

-  Lake
-  Other
-  Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

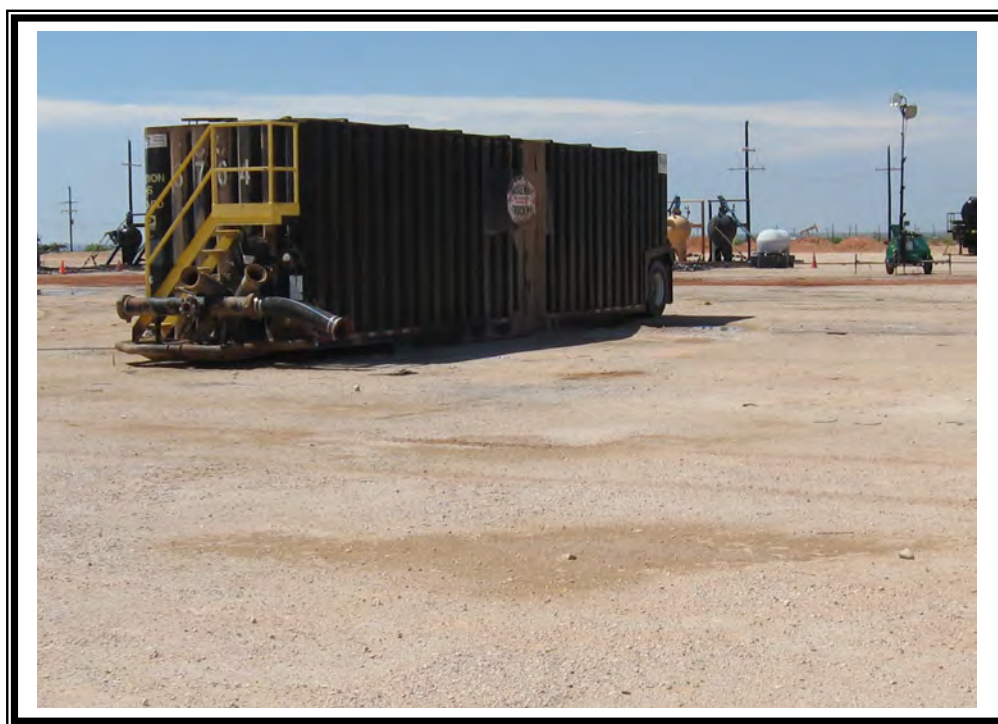


OXY – IRIDIUM MDP1 228 21 FED COM 2H (3/9/19)

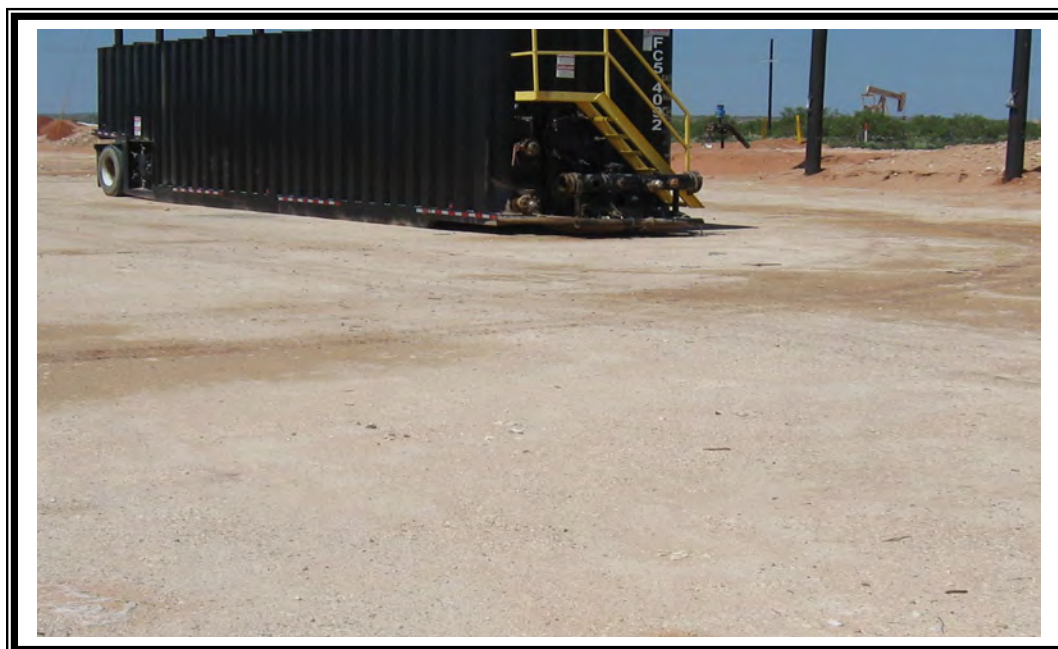




OXY – IRIDIUM MDP1 228 21 FED COM 2H (3/9/19)



OXY – IRIIDIUM MDP1 228 21 FED COM 2H (3/9/19)





OXY – IRIDIUM MDP1 228 21 FED COM 2H (3/9/19)





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OXY – IRIDIUM MDP1 228 21 FED COM 2H (3/9/19)





OXY – IRIDIUM MDP1 228 21 FED COM 2H (3/9/19)





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

June 04, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: IRIDIUM MDP1 28 21 FED COM 2H

Enclosed are the results of analyses for samples received by the laboratory on 05/29/24 15:55.

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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H243005-01)

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	05/31/2024	ND	1.50	75.1	2.00	2.27		
Toluene*	<0.050	0.050	05/31/2024	ND	1.76	88.2	2.00	3.46		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.98	98.9	2.00	5.29		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	6.17	103	6.00	5.70		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	223	111	200	7.38	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	222	111	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 66.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 2 @ 1' (H243005-02)

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	05/31/2024	ND	1.50	75.1	2.00	2.27		
Toluene*	<0.050	0.050	05/31/2024	ND	1.76	88.2	2.00	3.46		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.98	98.9	2.00	5.29		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	6.17	103	6.00	5.70		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	223	111	200	7.38	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	222	111	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 57.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 51.8 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H243005-03)

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	05/31/2024	ND	1.50	75.1	2.00	2.27		
Toluene*	<0.050	0.050	05/31/2024	ND	1.76	88.2	2.00	3.46		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.98	98.9	2.00	5.29		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	6.17	103	6.00	5.70		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	223	111	200	7.38	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	222	111	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H243005-04)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	223	111	200	7.38	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	222	111	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 65.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.7 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H243005-05)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	96.0	16.0	05/31/2024	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	05/31/2024	ND	223	111	200	7.38	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	222	111	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.9 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 6 @ 1' (H243005-06)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	223	111	200	7.38	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	222	111	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 7 @ 1' (H243005-07)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	223	111	200	7.38	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	222	111	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 8 @ 1' (H243005-08)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	223	111	200	7.38	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	222	111	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 9 @ 1' (H243005-09)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 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	96.0	16.0	05/31/2024	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	05/31/2024	ND	223	111	200	7.38	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	222	111	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 10 @ 1' (H243005-10)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	223	111	200	7.38	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	222	111	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H243005-11)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.2 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H243005-12)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 86.0 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 13 @ 1' (H243005-13)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 14 @ 1' (H243005-14)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 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	96.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 15 @ 1' (H243005-15)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 16 @ 1' (H243005-16)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 17 @ 1' (H243005-17)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 18 @ 1' (H243005-18)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.9 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 19 @ 1' (H243005-19)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.7 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 20 @ 1' (H243005-20)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.7 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 21 @ 1' (H243005-21)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 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	64.0	16.0	05/31/2024	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	06/03/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	06/03/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	06/03/2024	ND					

Surrogate: 1-Chlorooctane 85.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 22 @ 1' (H243005-22)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 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	96.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 23 @ 1' (H243005-23)

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	05/31/2024	ND	1.75	87.4	2.00	1.08		
Toluene*	<0.050	0.050	05/31/2024	ND	1.73	86.5	2.00	0.274		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.77	88.6	2.00	0.946		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.12	85.3	6.00	1.14		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 67.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.2 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 24 @ 1' (H243005-24)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	64.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.5 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 25 @ 1' (H243005-25)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	112	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 26 @ 1' (H243005-26)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.8 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 27 @ 1' (H243005-27)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	96.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 28 @ 1' (H243005-28)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEx	<0.300	0.300	05/31/2024	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	96.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.6 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 29 @ 1' (H243005-29)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 30 @ 1' (H243005-30)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	229	114	200	0.872	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	235	117	200	0.993	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 31 @ 1' (H243005-31)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	112	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48		
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78		
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND						

Surrogate: 1-Chlorooctane 65.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 58.5 % 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 32 @ 1' (H243005-32)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	80.0	16.0	05/31/2024	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	06/03/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	06/03/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	06/03/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 33 @ 1' (H243005-33)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 72.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.1 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 34 @ 1' (H243005-34)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	64.0	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.5 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 35 @ 1' (H243005-35)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 63.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.8 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 36 @ 1' (H243005-36)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.6 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 37 @ 1' (H243005-37)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	80.0	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.5 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/28/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 38 @ 1' (H243005-38)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	96.0	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 39 @ 1' (H243005-39)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	64.0	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.7 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 40 @ 1' (H243005-40)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	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	80.0	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.8 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 41 @ 1' (H243005-41)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	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	80.0	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 54.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 49.1 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 42 @ 1' (H243005-42)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	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	80.0	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 67.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.6 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 43 @ 1' (H243005-43)

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	05/31/2024	ND	1.86	92.8	2.00	3.26		
Toluene*	<0.050	0.050	05/31/2024	ND	1.95	97.6	2.00	1.04		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.93	96.4	2.00	0.585		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.99	99.9	6.00	0.0425		
Total BTEX	<0.300	0.300	05/31/2024	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	80.0	16.0	05/31/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 49.1-148

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

Analytical Results For:

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

Received:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 44 @ 1' (H243005-44)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	96.0	16.0	06/04/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.8 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 45 @ 1' (H243005-45)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	96.0	16.0	06/04/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.3 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 46 @ 1' (H243005-46)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	96.0	16.0	06/04/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 72.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.4 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 47 @ 1' (H243005-47)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	112	16.0	06/04/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 48 @ 1' (H243005-48)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	96.0	16.0	06/04/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.8 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 49 @ 1' (H243005-49)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	96.0	16.0	06/04/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 67.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.5 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 50 @ 1' (H243005-50)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	80.0	16.0	06/04/2024	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	05/31/2024	ND	191	95.6	200	3.48	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	191	95.4	200	5.78	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.9 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 51 @ 1' (H243005-51)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	96.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 52 @ 1' (H243005-52)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	80.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 53 @ 1' (H243005-53)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	80.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 54 @ 1' (H243005-54)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 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	80.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 55 @ 1' (H243005-55)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 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	80.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 56 @ 1' (H243005-56)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	96.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 72.0 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 57 @ 1' (H243005-57)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	80.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 58 @ 1' (H243005-58)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	96.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 59 @ 1' (H243005-59)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 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	80.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 63.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 60 @ 1' (H243005-60)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	80.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 70.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 61 @ 1' (H243005-61)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	96.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 69.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 62 @ 1' (H243005-62)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	80.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 63 @ 1' (H243005-63)

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	05/31/2024	ND	1.71	85.4	2.00	2.23		
Toluene*	<0.050	0.050	05/31/2024	ND	1.74	87.1	2.00	3.32		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.67	83.5	2.00	4.74		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.29	88.2	6.00	4.68		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	80.0	16.0	06/04/2024	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	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 64 @ 1' (H243005-64)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 65 @ 1' (H243005-65)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEX	<0.300	0.300	05/31/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 66 @ 1' (H243005-66)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 67 @ 1' (H243005-67)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEx	<0.300	0.300	05/31/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 75.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.8 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 68 @ 1' (H243005-68)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 69 @ 1' (H243005-69)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEX	<0.300	0.300	05/31/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 52.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 59.6 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 70 @ 1' (H243005-70)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	198	98.8	200	1.00	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	198	98.9	200	3.13	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 71 @ 1' (H243005-71)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	199	99.6	200	0.0386	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	199	99.6	200	0.420	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 1 (H243005-72)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEx	<0.300	0.300	05/31/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	199	99.6	200	0.0386	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	199	99.6	200	0.420	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 2 (H243005-73)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	199	99.6	200	0.0386	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	199	99.6	200	0.420	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 3 (H243005-74)

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	05/31/2024	ND	1.94	96.8	2.00	0.637	
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06	
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08	
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95	
Total BTEX	<0.300	0.300	05/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	199	99.6	200	0.0386		
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	199	99.6	200	0.420		
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND						

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 4 (H243005-75)

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	05/31/2024	ND	1.94	96.8	2.00	0.637	
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06	
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08	
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95	
Total BTEX	<0.300	0.300	05/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 5 (H243005-76)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 6 (H243005-77)

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	05/31/2024	ND	1.94	96.8	2.00	0.637	
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06	
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08	
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95	
Total BTEX	<0.300	0.300	05/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	06/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 7 (H243005-78)

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	05/31/2024	ND	1.94	96.8	2.00	0.637		
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06		
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08		
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95		
Total BTEX	<0.300	0.300	05/31/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	06/03/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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Mike Snyder For 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:	05/29/2024	Sampling Date:	05/29/2024
Reported:	06/04/2024	Sampling Type:	Soil
Project Name:	IRIDIUM MDP1 28 21 FED COM 2H	Sampling Condition:	Cool & Intact
Project Number:	(3/9/19)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 8 (H243005-79)

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	05/31/2024	ND	1.94	96.8	2.00	0.637	
Toluene*	<0.050	0.050	05/31/2024	ND	1.97	98.5	2.00	2.06	
Ethylbenzene*	<0.050	0.050	05/31/2024	ND	1.99	99.7	2.00	2.08	
Total Xylenes*	<0.150	0.150	05/31/2024	ND	5.90	98.3	6.00	2.95	
Total BTEX	<0.300	0.300	05/31/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	06/03/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/31/2024	ND	211	105	200	1.14	
DRO >C10-C28*	<10.0	10.0	05/31/2024	ND	189	94.3	200	3.01	
EXT DRO >C28-C36	<10.0	10.0	05/31/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.6 % 49.1-148

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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 "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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.						
Project Manager: Cliff Brunson						
Address: P.O. Box 805						
City: Hobbs						P.O. #:
State: NM Zip: 88241						Company: Oxy
Phone #: 575-397-6388						Attn:
Fax #: 575-397-0397						Address:
Project #:						City:
Project Owner: Oxy						State: Zip:
Project Name: Iridium DMP 1 28 21 FED COM 2H (3/9/19)						Phone #:
Project Location: New Mexico						Fax #:
Sample Name: ROGER HERNANDEZ						SAMPLING
						MATRIX
FOR LAB USE ONLY						PRESERV
Lab I.D.						GROUNDWATER
Sample I.D.						WASTEWATER
(G)RAB OR (C)OMP.						SOIL
# CONTAINERS						OIL
						SLUDGE
OTHER :						ACID/BASE:
						ICE / COOL
						OTHER :
DATE TIME						
BOTTOM SAMPLE 1@'1'	5/28/24	8:45AM	✓	Chloride		
BOTTOM SAMPLE 2@'1'	5/28/24	9:00AM	✓	BTEX		
BOTTOM SMPLE 3@'1'	5/28/24	9:10AM	✓	TPEXT		
BOTTOM SAMPLE 4@'1'	5/28/24	9:20AM	✓			
BOTTOM SAMPLE 5@'1'	5/28/24	9:30AM	✓			
BOTTOM SAMPLE 6@'1'	5/28/24	9:40AM	✓			
BOTTOM SAMPLE 7@'1'	5/28/24	9:50AM	✓			
BOTTOM SAMPLE 8@'1'	5/28/24	10:00AM	✓			
BOTTOM SAMPLE 9@'1'	5/28/24	10:10AM	✓			
BOTTOM SAMPLE 10@'1'	5/28/24	10:20AM	✓			
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Reinquinished By: Roger Hernandez						REMARKS:
Date:	5-29-24	Received By:	[Signature]	Phone Result:	Yes No Add'l Phone #:	
Time:	1555	Date:		Fax Result:	Yes No Fax #:	
Relinquished By:		Time:				
Delivered By: (Circle One)	-1.4% #140	Sample Condition:	Cool Intact Yes No	CHECKED BY: [Initials]		
Sampler - UPS - Bus - Other:						



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

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:																				
State: NM Zip: 88241																											
Phone #: 575-397-6388							Fax #: 575-397-0397							Address:													
Project #:							City:																				
Project Owner: Oxy							State:							Zip:													
Project Name: IRIIDIUM DMP 1 28 21 FED COM 2H (3/9/19)							Phone #:																				
Project Location: New Mexico							Fax #:																				
Sampler Name: ROGER HERNANDEZ																											
FOR LAB USE ONLY																											
Lab I.D.							MATRIX							PRESERV							SAMPLING						
Sample I.D.							(G)RAB OR (C)OMP.																				
							# CONTAINERS																				
							GROUNDWATER																				
							WASTEWATER																				
							SOIL																				
							OIL																				
							SLUDGE																				
							OTHER :																				
							ACID/BASE:																				
							ICE / COOL																				
							OTHER :																				
							DATE							TIME							Chloride BTX TPHEXT						
BOTTOM SAMPLE 1@'1'							5/28/24							10:30AM													
BOTTOM SAMPLE 12@'1'							5/28/24							10:50AM													
BOTTOM SMPLE 13@'1'							5/28/24							11:00AM													
BOTTOM SAMPLE 14@'1'							5/28/24							11:10AM													
BOTTOM SAMPLE 15@'1'							5/28/24							11:20AM													
BOTTOM SAMPLE 16@'1'							5/28/24							11:30AM													
BOTTOM SAMPLE 17@'1'							5/28/24							11:40AM													
BOTTOM SAMPLE 18@'1'							5/28/24							11:50AM													
BOTTOM SAMPLE 19@'1'							5/28/24							12:00PM													
BOTTOM SAMPLE 20@'1'							5/28/24							12:10PM													

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Relinquished By:		Date: 5-29-24		Received By:		Phone Result: ☐ Yes ☒ No		Add'l Phone #:	
Roger Hernandez		Time: 1:55		Signature:		Fax Result: ☐ Yes ☒ No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		#140		CHECKED BY: (Initials) -1.4°C					



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.		BILL TO		ANALYSIS REQUEST																
Project Manager: Cliff Brunson		P.O. #:																		
Address: P.O. Box 805		Company: Oxy																		
City: Hobbs		Attn:																		
State: NM Zip: 88241		Address:																		
Phone #: 575-397-6388 Fax #: 575-397-0397		City:																		
Project #:		State:																		
Project Name: IRIDIUM DMP 1 28 21 FED COM 2H (3/9/19)		Zip:																		
Project Location: New Mexico		Phone #:																		
Sample Name: ROGER HERNANDEZ		Fax #:																		
FOR LAB USE ONLY																				
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING												
				GROUNDWATER																
				WASTEWATER																
				SOIL																
				OIL																
				SLUDGE																
				OTHER :																
				ACID/BASE:																
				ICE / COOL																
				OTHER :																
					DATE	TIME														
1213005	BOTTOM SAMPLE 21@1'		6		5/28/24	12:20PM			chloride											
31	BOTTOM SAMPLE 22@1'				5/28/24	12:30PM			BIEX											
32	BOTTOM SAMPLE 23@1'				5/28/24	12:40PM			TPHEXT											
33	BOTTOM SAMPLE 24@1'				5/28/24	12:50PM														
34	BOTTOM SAMPLE 25@1'				5/28/24	1:00PM														
35	BOTTOM SAMPLE 26@1'				5/28/24	1:10PM														
36	BOTTOM SAMPLE 27@1'				5/28/24	1:20PM														
37	BOTTOM SAMPLE 28@1'				5/28/24	1:30PM														
38	BOTTOM SAMPLE 29@1'				5/28/24	1:40PM														
39	BOTTOM SAMPLE 30@1'				5/28/24	1:50PM														
30	BOTTOM SAMPLE 30@1'				5/28/24	1:50PM														

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Relinquished By:	Date: 5-29-24	Received By:	Phone Result: ☐ Yes ☐ No	Add'l Phone #:
Relinquished By: Roger Hernandez	Date: 1/5/55	Received By: [Signature]	Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Time:			REMARKS:	
Delivered By: (Circle One)				
Sampler - UPS - Bus - Other:				

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



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. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: IRRIDIUM DMP 1 28 21 FED COM 2H (3/9/19) Project Location: New Mexico Sampler Name: ROGER HERNANDEZ				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:				
FOR LAB USE ONLY								
Lab I.D. #1243005	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	MATRIX SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	PRESERV	SAMPLING
31	BOTTOM SAMPLE 31@1'							
32	BOTTOM SAMPLE 32@1'							
33	BOTTOM SAMPLE 33@1'							
34	BOTTOM SAMPLE 34@1'							
35	BOTTOM SAMPLE 35@1'							
36	BOTTOM SAMPLE 36@1'							
37	BOTTOM SAMPLE 37@1'							
38	BOTTOM SAMPLE 38@1'							
39	BOTTOM SAMPLE 39@1'							
40	BOTTOM SAMPLE 40@1'							

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Relinquished By: Roger Hernandez

Received By: [Signature]

Date: 5-29-24 **Time:** 1:55

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**

Fax Result: ☐ Yes ☐ No **Add'l Fax #:**

REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other: -1.46 #140

Sample Condition: ☒ Intact ☐ Cool ☐ Yes ☐ No

CHECKED BY: [Signature] (Initials)

Chloride
BTEX
TPH EXT



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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:																									
State: NM Zip: 88241				Address:																									
Phone #: 575-397-6388 Fax #: 575-397-0397				City:																									
Project #:				State:				Zip:																					
Project Name: IRIDIUM DMP 1 28 21 FED COM 2H (3/9/19)				Phone #:																									
Project Location: New Mexico				Fax #:																									
Sampler Name: ROGER HERNANDEZ																													
FOR LAB USE ONLY																													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP		# CONTAINERS		MATRIX		PRESERV		SAMPLING		DATE		TIME													
124305		41		BOTTOM SAMPLE 41@1'		61		GROUNDWATER						5/29/24		8:40AM		Chloride											
42		BOTTOM SAMPLE 42@1'						WASTEWATER						5/29/24		8:45AM		BTX											
43		BOTTOM SAMPLE 43@1'						SOIL						5/29/24		8:50AM		TPHEXT											
44		BOTTOM SAMPLE 44@1'						OIL						5/29/24		8:55AM													
45		BOTTOM SAMPLE 45@1'						SLUDGE						5/29/24		9:00AM													
46		BOTTOM SAMPLE 46@1'						OTHER :						5/29/24		9:05AM													
47		BOTTOM SAMPLE 47@1'						ACID/BASE:						5/29/24		9:10AM													
48		BOTTOM SAMPLE 48@1'						ICE / COOL						5/29/24		9:15AM													
49		BOTTOM SAMPLE 49@1'						OTHER :						5/29/24		9:20AM													
50		BOTTOM SAMPLE 50@1'												5/29/24		9:25AM													
PLEASE NOTE: Liability and damages. Cardinal's liability and client's exclusive remedy for any claims arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claims are based upon any of the above stated provisions or otherwise.																													
Service: In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claims are based upon any of the above stated provisions or otherwise.																													
Relinquished By: Roger Hernandez				Date: 5-29-24				Received By: [Signature]				Phone Result: ☐ Yes ☐ No				Add'l Phone #:													
Relinquished By:				Date: 5/30/24				Received By: [Signature]				Fax Result: ☐ Yes ☐ No				Add'l Fax #:													
Delivered By: (Circle One)				Sample Condition: Cool ☒ Intact ☐ Yes ☐ No				CHECKED BY: [Signature]																					
Sampler - UPS - Bus - Other: -1.4c																													

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ORDINAL LABORATORIES

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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:																			
State: NM Zip: 88241																													
Phone #: 575-397-6388										Address:																			
Fax #: 575-397-0397										City:																			
Project #:										State:										Zip:									
Project Name: IRIDIUM DMP 1 28 21 FED COM 2H (3/9/19)										Phone #:																			
Project Location: New Mexico										Fax #:																			
Sampler Name: ROGER HERNANDEZ										PRESERV:										SAMPLING									
FOR LAB USE ONLY										MATRIX																			
Lab I.D.										Sample I.D.																			
H124805										(G)RAB OR (C)OMP.																			
51										# CONTAINERS																			
52										GROUNDWATER																			
53										WASTEWATER																			
54										SOIL																			
55										OIL																			
56										SLUDGE																			
57										OTHER :																			
58										ACID/BASE:																			
59										ICE / COOL																			
60										OTHER :																			
BOTTOM SAMPLE 51@1'										DATE										TIME									
BOTTOM SAMPLE 52@1'										5/29/24										9:30AM									
BOTTOM SAMPLE 53@1'										5/29/24										9:35AM									
BOTTOM SAMPLE 54@1'										5/29/24										9:40AM									
BOTTOM SAMPLE 55@1'										5/29/24										9:45AM									
BOTTOM SAMPLE 56@1'										5/29/24										9:50AM									
BOTTOM SAMPLE 57@1'										5/29/24										9:55AM									
BOTTOM SAMPLE 58@1'										5/29/24										10:00AM									
BOTTOM SAMPLE 59@1'										5/29/24										10:05AM									
BOTTOM SAMPLE 60@1'										5/29/24										10:10AM									
BOTTOM SAMPLE 60@1'										5/29/24										10:15AM									
Chloride										✓																			
BTEX										✓																			
TPH EXT										✓																			

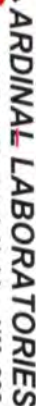


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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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:											
State: NM Zip: 88241															
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:											
Project #:				City:											
Project Name: IRIIDIUM DMP 1 28 21 FED COM 2H (3/9/19)				State:				Zip:							
Project Location: New Mexico				Phone #:											
Sampler Name: ROGER HERNANDEZ				Fax #:											
FOR LAB USE ONLY															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING			
								GROUNDWATER							
								WASTEWATER							
								SOIL							
								OIL							
								SLUDGE							
								OTHER :							
								ACID/BASE:							
								ICE / COOL							
								OTHER :							
								DATE		TIME					
H243005		BOTTOM SAMPLE 61@1'		61		5/29/24		10:20AM		✓		Chloride			
62		BOTTOM SAMPLE 62@1'		62		5/29/24		10:25AM		✓		BTEX			
63		BOTTOM SAMPLE 63@1'		63		5/29/24		10:30AM		✓		TPH EXT			
64		BOTTOM SAMPLE 64@1'		64		5/29/24		10:35AM		✓					
65		BOTTOM SAMPLE 65@1'		65		5/29/24		10:40AM		✓					
66		BOTTOM SAMPLE 66@1'		66		5/29/24		10:45AM		✓					
67		BOTTOM SAMPLE 67@1'		67		5/29/24		10:50AM		✓					
68		BOTTOM SAMPLE 68@1'		68		5/29/24		10:55AM		✓					
69		BOTTOM SAMPLE 69@1'		69		5/29/24		11:00AM		✓					
70		BOTTOM SAMPLE 70@1'		70		5/29/24		11:05AM		✓					
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Relinquished By: Roger Hernandez				Date: 5-29-24				Received By: [Signature]				Phone Result: ☐ Yes ☐ No Add'l Phone #:			
Relinquished By: [Signature]				Date: 7/335				Received By: [Signature]				Fax Result: ☐ Yes ☐ No Add'l Fax #:			
Time:				Time:											
Delivered By: (Circle One)				Sample Condition				CHECKED BY: (Initials)							
Sampler - UPS - Bus - Other:				☐ Cool ☒ Intact											
				☐ Yes ☐ No											

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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 Owner: Oxy Project Name: IRIIDIUM DMP 1 28 21 FED COM 2H (3/9/19) Project Location: New Mexico Sample Name: ROGER HERNANDEZ				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
PLEASE NOTE: Liability and Damages. Cardholder's liability and client's exclusive remedy, for any claim arising from this contract or for any claim arising from the use of the services, shall be limited to the amount paid by the client for the services. All claims, including those for negligence and any other cause whatsoever, shall be deemed waived unless made in writing and received by Cardholder within 30 days after completion of the applicable service. In no event shall Cardholder be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardholder.							
Relinquished By: Roger Hernandez Date: 5/29/24 Time: 1:55 PM Received By: [Signature] Date: 5/29/24 Time: 1:44 PM Received By: [Signature]				REMARKS: Phone Result: ☐ Yes ☐ No Add'l Phone #: _____ Fax Result: ☐ Yes ☐ No Add'l Fax #: _____			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 1.44				Sample Condition: Cool ☒ Intact ☐ Yes ☒ No ☐ No ☐ Yes ☐ No ☐			
Lab I.D. Sample I.D.				BILL TO ANALYSIS REQUEST			
FOR LAB USE ONLY				MATRIX PRESERV SAMPLING			
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				DATE TIME 5/29/24 11:10AM 5/29/24 11:15AM 5/29/24 11:20AM 5/29/24 11:25AM 5/29/24 11:30AM 5/29/24 11:40AM 5/29/24 11:45AM 5/29/24 11:50AM 5/29/24 11:55AM			
BOTTOM SAMPLE 71@1' SIDEWALL 1 SIDEWALL 2 SIDEWALL 3 SIDEWALL 4 SIDEWALL 5 SIDEWALL 6 SIDEWALL 7 SIDEWALL 8				Chloride BTEX TPH/EXT			

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

QUESTIONS

Action 367726

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367726
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1917549482
Incident Name	NAB1917549482 IRIDIUM MDP1 28 21 FEDERAL COM #002H @ 30-015-45243
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-45243] IRIDIUM MDP1 28 21 FEDERAL COM #002H

Location of Release Source*Please answer all the questions in this group.*

Site Name	IRIDIUM MDP1 28 21 FEDERAL COM #002H
Date Release Discovered	03/09/2019
Surface Owner	Federal

Incident Details*Please answer all the questions in this group.*

Incident Type	Produced Water Release
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: Human Error Tank (Any) Produced Water Released: 12 BBL Recovered: 7 BBL Lost: 5 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.

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QUESTIONS, Page 2

Action 367726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367726
	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	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>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.</i>	

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	<i>Not answered.</i>

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: 07/26/2024
--	--

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Energy, Minerals and Natural Resources
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QUESTIONS, Page 3

Action 367726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	367726
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 1 and 5 (mi.)
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	Between ½ and 1 (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 ½ and 1 (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	Low
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)	112
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	05/21/2024
On what date will (or did) the final sampling or liner inspection occur	05/28/2024
On what date will (or was) the remediation complete(d)	05/29/2024
What is the estimated surface area (in square feet) that will be reclaimed	14210
What is the estimated volume (in cubic yards) that will be reclaimed	384
What is the estimated surface area (in square feet) that will be remediated	14210
What is the estimated volume (in cubic yards) that will be remediated	384

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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Energy, Minerals and Natural Resources
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QUESTIONS, Page 4

Action 367726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367726
	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:	
(Select all answers below that apply.)	
(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	fEEM0112342028 LEA LAND LANDFILL
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: 07/26/2024
<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 367726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367726
	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 367726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367726
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	347002
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/28/2024
What was the (estimated) number of samples that were to be gathered	79
What was the sampling surface area in square feet	14210

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	14210
What was the total volume (cubic yards) remediated	384
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	14210
What was the total volume (in cubic yards) reclaimed	384
Summarize any additional remediation activities not included by answers (above)	OXY excavated the spill area as depicted on the following site diagram. The entire leak area (BLUE shade on diagram) was excavated to a depth of 1 foot. The leak area is on a new pad location, not in the pasture. Bottom confirmation samples was collected at no greater than 200 ft.

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: 07/26/2024
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

QUESTIONS, Page 7

Action 367726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367726
	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 367726

CONDITIONS

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #nAB1917549482 IRIDIUM MDP1 28 21 FEDERAL COM #002H, thank you. This Remediation Closure Report is approved.	4/9/2026