

Closure Report

ID#nAPP2105655800

Site Description

Site Name:	SAND DUNES SOUTH CORRIDOR N. WATER POLISHING CTB
Company:	Oxy USA, Inc.
Legal Description:	U/L B , Section 18, T24S, R31 E
County:	EDDY County, NM
GPS Coordinates:	N 32.22401, W -103.81279

Release Data

Date of Release:	2/24/2021
Type of Release:	Produced water
Source of Release:	PC FAILURE-HOLE IN METAL MANIFOLD
Volume of Release:	Produced water 340 BBLs
Volume Recovered:	Produced Water 280 BBLs

Remediation Specifications

Remediation Parameters:	The leak area near SP1 – SP10 (BLUE shade on diagram) was excavated to a depth of 1 foot. The leak area near SP11 – SP13 (ORANGE shade on diagram) was excavated to a depth of 7 feet. The leak area near SP14 (PURPLE shade on diagram) required zero remediation. Oxy collected bottom confirmation samples and sidewall confirmation samples every 200 square feet .
Remediation Activities:	6/12/24 - 7-25-24

Plan Sent to OCD:	8/30/2021	
OCD Approval of Plan:	8/30/2021	
Plan Sent to BLM:	8/30/2021	
BLM Approval of Plan:		

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		7/8/24-7/9/24,7/16/24
Notifications		

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

7/26/2024

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nAPP2105655800
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 7-18-24
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

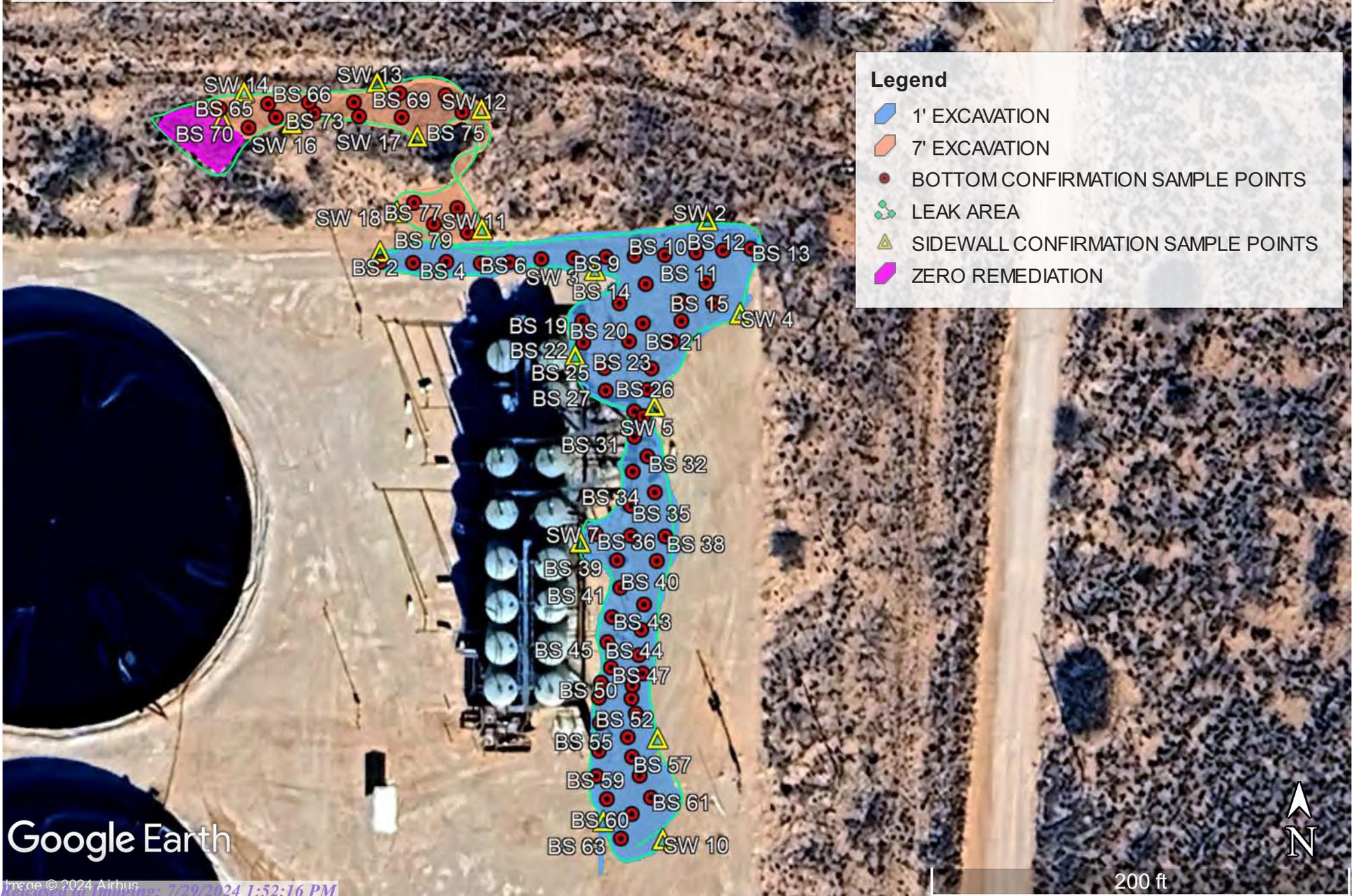
Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____
 Printed Name: _____ Title: _____

OXY, SAND DUNES SOUTH CORRIDOR N WATER POLISHING CTB

LEAK DATE :2/24/2021
EDDY COUNTY, NM
ID#nAPP2105655800



Google Earth

200 ft



OXY, SAND DUNES SOUTH CORRIDOR N WATER POLISHING CTB

LEAK DATE :2/24/2021
EDDY COUNTY, NM
ID#nAPP2105655800



Google Earth



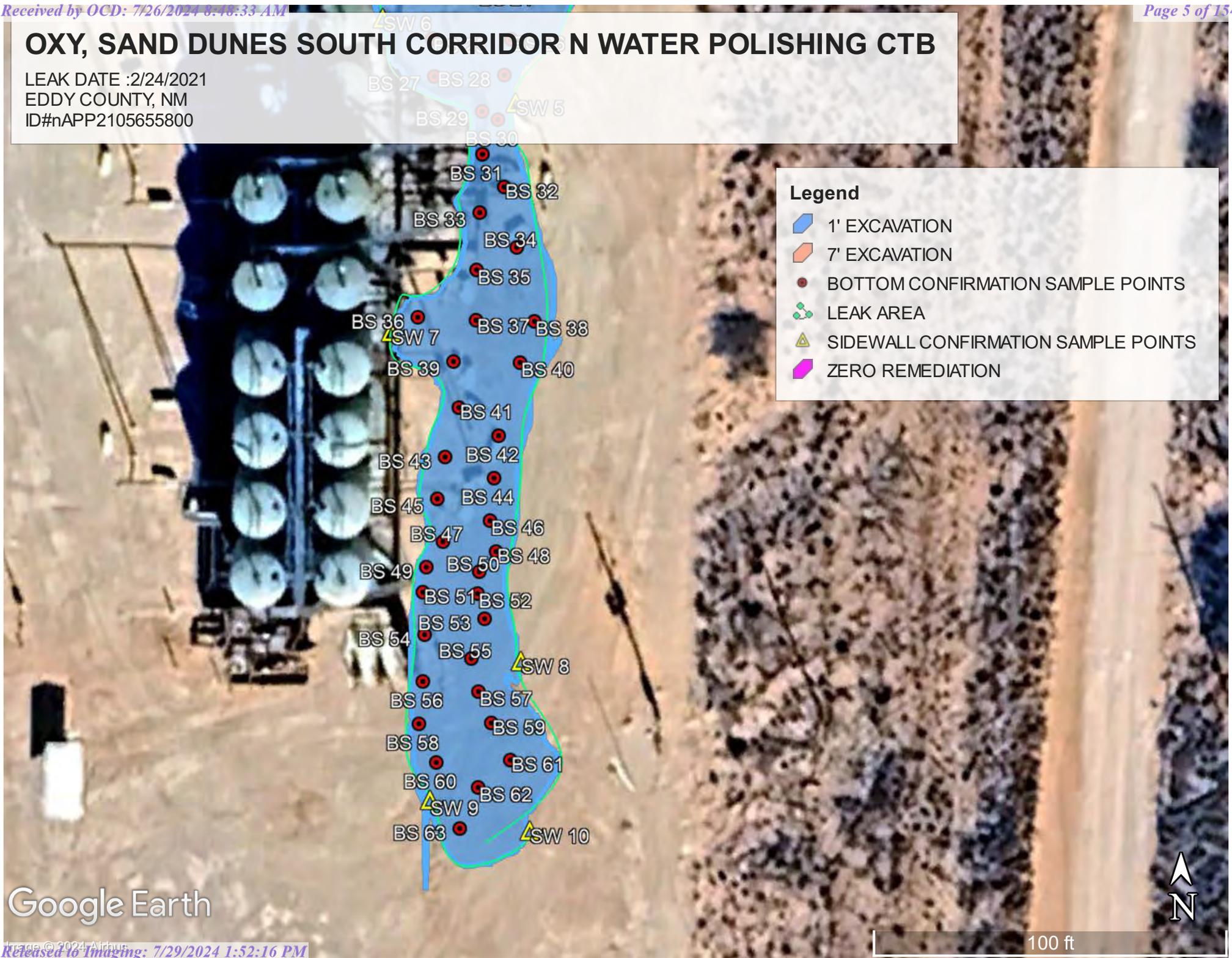
100 ft

OXY, SAND DUNES SOUTH CORRIDOR N WATER POLISHING CTB

LEAK DATE :2/24/2021
EDDY COUNTY, NM
ID#nAPP2105655800

Legend

-  1' EXCAVATION
-  7' EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  LEAK AREA
-  SIDEWALL CONFIRMATION SAMPLE POINTS
-  ZERO REMEDIATION



Google Earth

100 ft



OXY,SAND DUNES SOUTH CORRIDOR N . WATER POLISHING CTB (2/24/21) SAMPLE DATE 7/8/24-7/9/2

BOTTOM SAMPLE POINTS

BS 1@1'	N 32.247340	W-103.786423
BS 2@1'	N 32.247339	W-103.786373
BS 3@1'	N 32.247340	W-103.786321
BS 4@1'	N 32.247338	W-103.786267
BS 5@1'	N 32.247344	W-103.786206
BS 6@1'	N 32.247345	W-103.786153
BS 7@1'	N 32.247345	W-103.786101
BS 8@1'	N 32.247347	W-103.786045
BS 9@1'	N 32.247348	W-103.785988
BS 10@1'	N 32.247349	W-103.785940
BS 11@1'	N 32.247353	W-103.785914
BS 12@1'	N 32.247354	W-103.785869
BS 13@1'	N 32.247357	W-103.785849
BS 14@1'	N 32.247311	W-103.786012
BS 15@1'	N 32.247312	W-103.785918
BS 16@1'	N 32.247289	W-103.785948
BS 17@1'	N 32.247282	W-103.786052
BS 18@1'	N 32.247281	W-103.785907
BS 19@1'	N 32.247267	W-103.786108
BS 20@1'	N 32.247259	W-103.786024
BS 21@1'	N 32.247262	W-103.785956
BS 22@1'	N 32.247234	W-103.786109
BS 23@1'	N 32.247235	W-103.786038
BS 24@1'	N 32.247235	W-103.785970
BS 25@1'	N 32.247201	W-103.786076
BS 26@1'	N 32.247200	W-103.786003
BS 27@1'	N 32.247171	W-103.786074
BS 28@1'	N 32.247172	W-103.786009
BS 29@1'	N 32.247144	W-103.786030
BS 30@1'	N 32.247137	W-103.786015
BS 31@1'	N 32.247110	W-103.786029
BS 32@1'	N 32.247085	W-103.786009
BS 33@1'	N 32.247065	W-103.786032
BS 34@1'	N 32.247038	W-103.785998
BS 35@1'	N 32.247020	W-103.786035
BS 36@1'	N 32.246983	W-103.786089
BS 37@1'	N 32.246960	W-103.786035
BS 38@1'	N 32.246954	W-103.786067
BS 39@1'	N 32.246952	W-103.786000
BS 40@1'	N 32.246948	W-103.785995

BS 41@1'	N 32.246913	W-103.786051
BS 42@1'	N 32.246891	W-103.786014
BS 43@1'	N 32.246874	W-103.786064
BS 44@1'	N 32.246858	W-103.786019
BS 45@1'	N 32.246842	W-103.786071
BS 46@1'	N 32.246825	W-103.786022
BS 47@1'	N 32.246808	W-103.786066
BS 48@1'	N 32.246801	W-103.786017
BS 49@1'	N 32.246789	W-103.786081
BS 50@1'	N 32.246785	W-103.786032
BS 51@1'	N 32.246769	W-103.786084
BS 52@1'	N 32.246768	W-103.786049
BS 53@1'	N 32.246767	W-103.786018
BS 54@1'	N 32.246742	W-103.786086
BS 55@1'	N 32.246717	W-103.786040
BS 56@1'	N 32.246699	W-103.786084
BS 57@1'	N 32.246691	W-103.786033
BS 58@1'	N 32.246666	W-103.786088
BS 59@1'	N 32.246667	W-103.786021
BS 60@1'	N 32.246636	W-103.786072
BS 61@1'	N 32.246638	W-103.786004
BS 62@1'	N 32.246617	W-103.786033
BS 63@1'	N 32.246585	W-103.786050
BS 64@7'	N 32.247541	W-103.786673
BS 65@7'	N 32.247547	W-103.786598
BS 66@7'	N 32.247549	W-103.786535
BS 67@7'	N 32.247549	W-103.786465
BS 68@7'	N 32.247561	W-103.786394
BS 69@7'	N 32.247558	W-103.786322
BS 70@7'	N 32.247516	W-103.786628
BS 71@7'	N 32.247529	W-103.786586
BS 72@7'	N 32.247535	W-103.786526
BS 73@7'	N 32.247531	W-103.786457
BS 74@7'	N 32.247529	W-103.786390
BS 75@7'	N 32.247536	W-103.786296
BS 76@7'	N 32.247417	W-103.786371
BS 77@7'	N 32.247410	W-103.786304
BS 78@7'	N 32.247389	W-103.786340
BS 79@7'	N 32.247378	W-103.786288

SIDEWALL SAMPLE POINTS

SW 1	N 32.247352	W-103.786425
SW 2	N 32.247393	W-103.785917
SW 3	N 32.247328	W-103.786092
SW 4	N 32.247271	W-103.785867
SW 5	N 32.247150	W-103.785999
SW 6	N 32.247216	W-103.786122
SW 7	N 32.246971	W-103.786114
SW 8	N 32.246714	W-103.785994
SW 9	N 32.246606	W-103.786078
SW 10	N 32.246582	W-103.785986
SW 11	N 32.247382	W-103.786267
SW 12	N 32.247539	W-103.786267
SW 13	N 32.247574	W-103.786430
SW 14	N 32.247562	W-103.786636
SW 15	N 32.247526	W-103.786670
SW 16	N 32.247521	W-103.786562
SW 17	N 32.247503	W-103.786367
SW 18	N 32.247404	W-103.786399

	Sample ID	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@7'	BS 65@7'	BS 66@7'	BS 67@7'	BS 68@7'	BS 69@7'	BS 70@7'	BS 71@7'	BS 72@7'
Analyte	Date	7/8/24	7/8/24	7/8/24	7/8/24	7/8/24	7/8/24	7/8/24	7/8/24	7/8/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24
		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	0.134	<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		<16.0	<16.0	<16.0	<16.0	16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	16.0	<16.0	<16.0	<16.0	<16.0	<16.0	16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

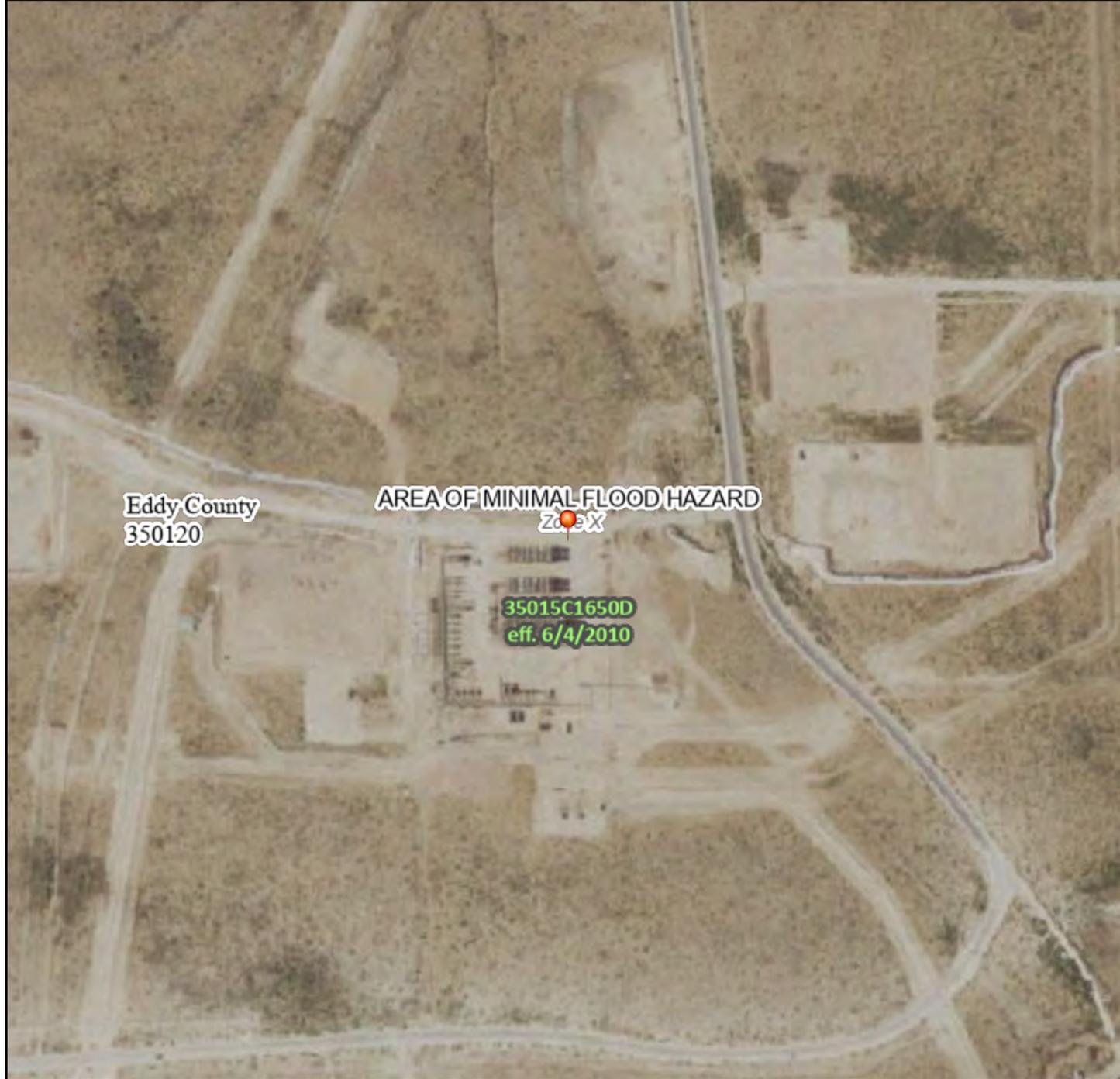
	Sample ID	BS 73@7'	BS 74@7'	BS 75@7'	BS 76@7'	BS 77@7'	BS 78@7'	BS 79@7'
Analyte	Date	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24
		mg/kg						
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		32.0	16.0	16.0	32.0	48.0	16.0	32.0
GRO		<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
EXT DRO		<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	SWW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14	SW 14	SW 15	SW 16	SW 17
Analyte	Date	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24	7/9/24
		mg/kg																	
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		32.0	32.0	32.0	32.0	32.0	16.0	32.0	32.0	32.0	32.0	32.0	16.0	48.0	32.0	32.0	16.0	16.0	32.0
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

National Flood Hazard Layer FIRMette



103°49'5"W 32°13'42"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		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

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 **7/17/2024 at 5:22 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, SAND DUNES SOUTH CORRIDOR N WATER POLISHING CTB

LEAK DAT: 2/24/2021
EDDY COUNTY, NM
ID#nAPP2105655800

Legend

-  1' Ecavation
-  7' Excavation
-  Leak Area
-  Low
-  ZERO REMEDIATION



Google Earth



200 ft



SAND DUNES S.CORRIDOR N. WATER F



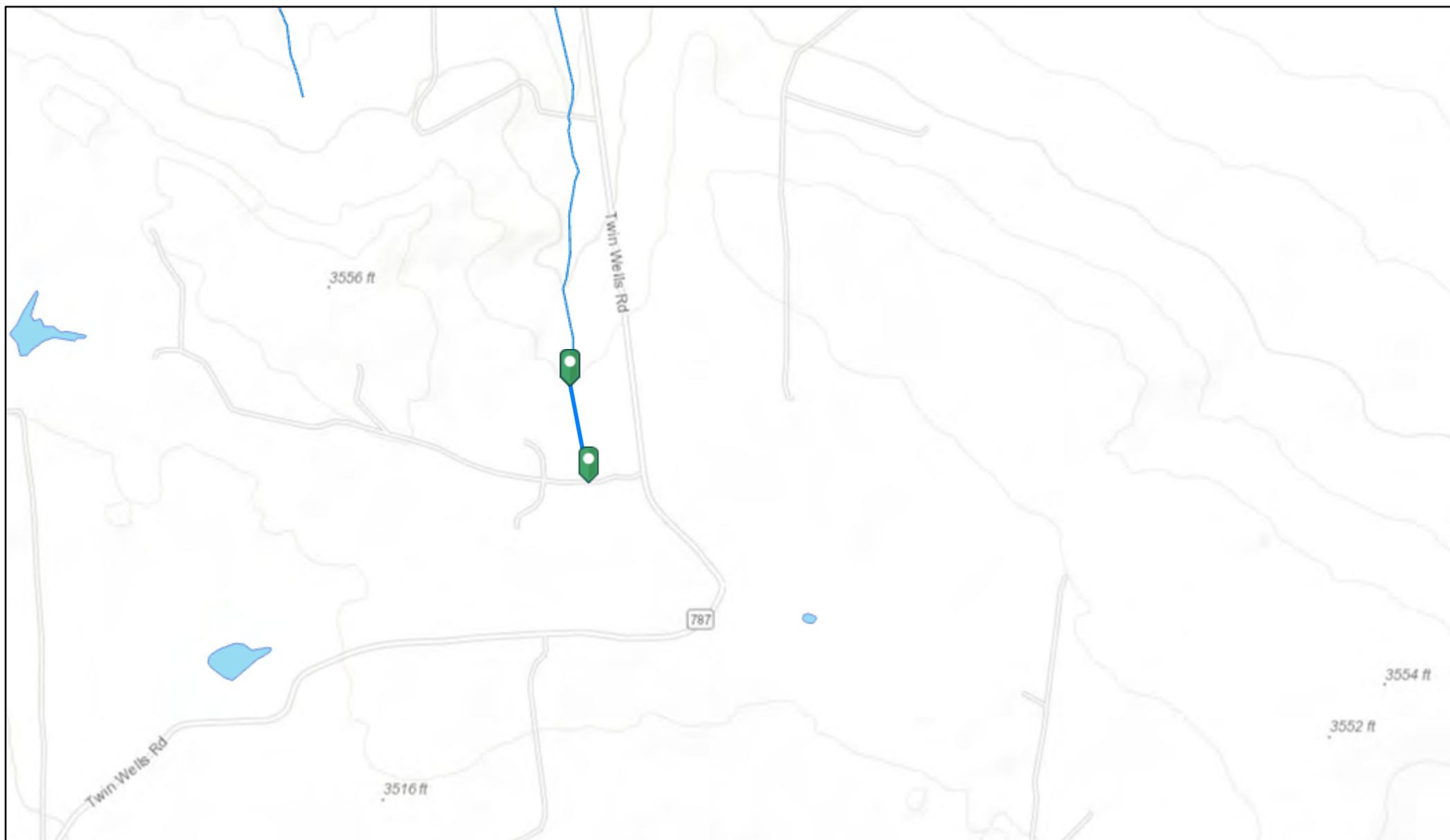
July 17, 2024

Wetlands

- | | | |
|--------------------------------|-----------------------------------|----------|
| Estuarine and Marine Deepwater | Freshwater Emergent Wetland | Lake |
| Estuarine and Marine Wetland | Freshwater Forested/Shrub Wetland | Other |
| | Freshwater Pond | Riverine |

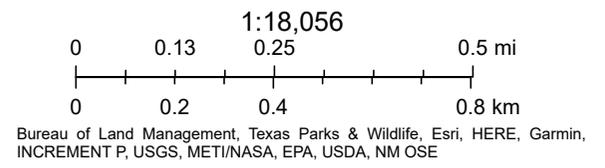
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

SAND DUNES S. CORRIDOR N.WATER POLISHING CTB (2/24/21) 935.3 FT OR 0.18 MILES TO H2O

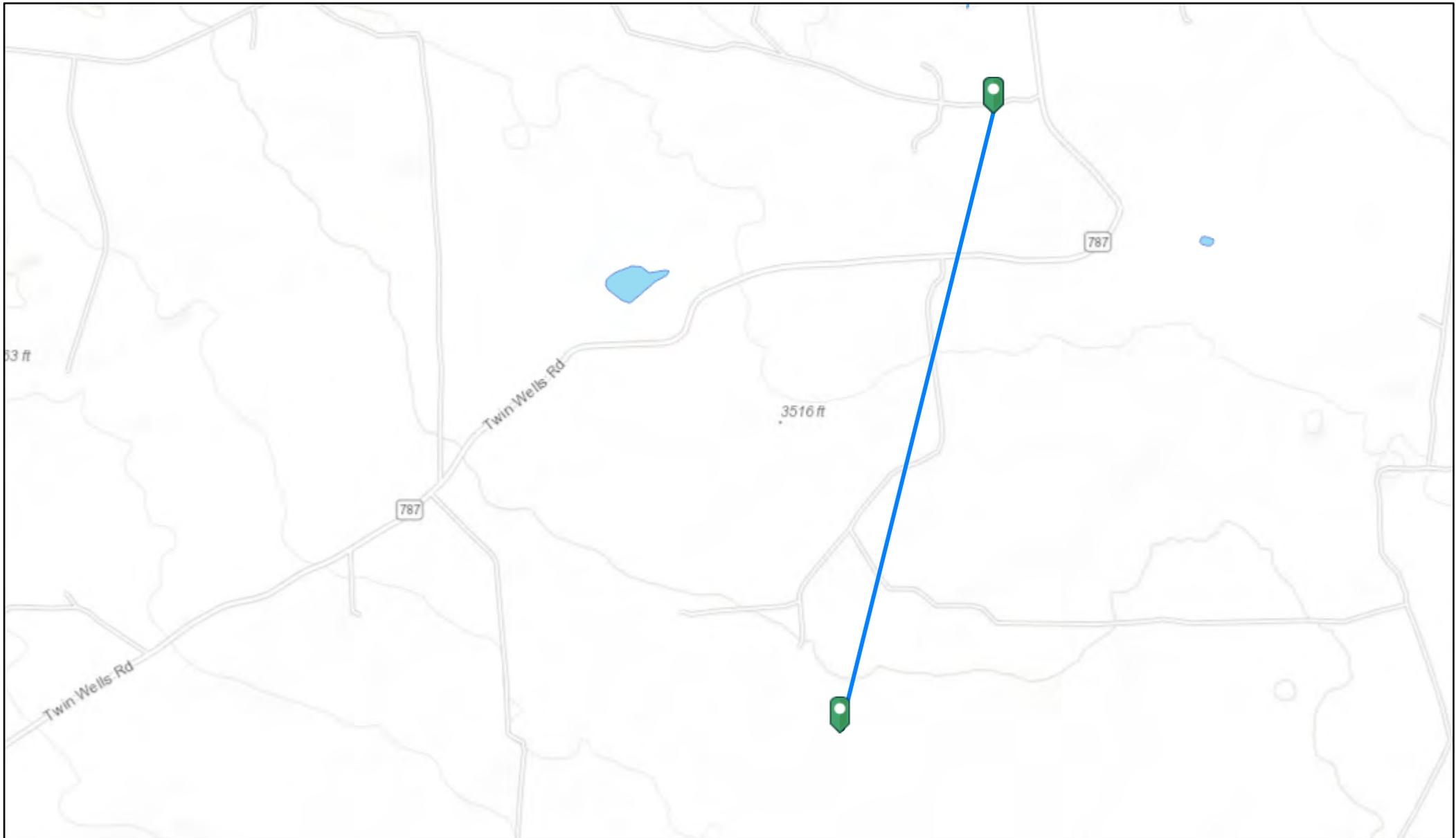


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- OSW Water Bodys
- OSE Streams

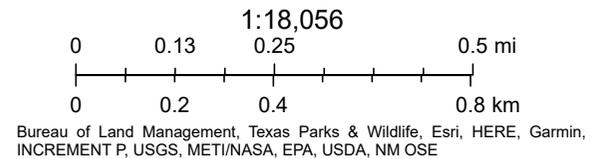


SAND DUNES S. CORRIDOR N.WATER POLISHING CTB (2/24/21) 6,060.1 FT OR 1.15 MILES TO POD



7/17/2024, 3:19:39 PM

- OSE Water PODs
- Pending
- OSW Water Bodys
- OSE Streams





OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)





OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)





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OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)





OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)



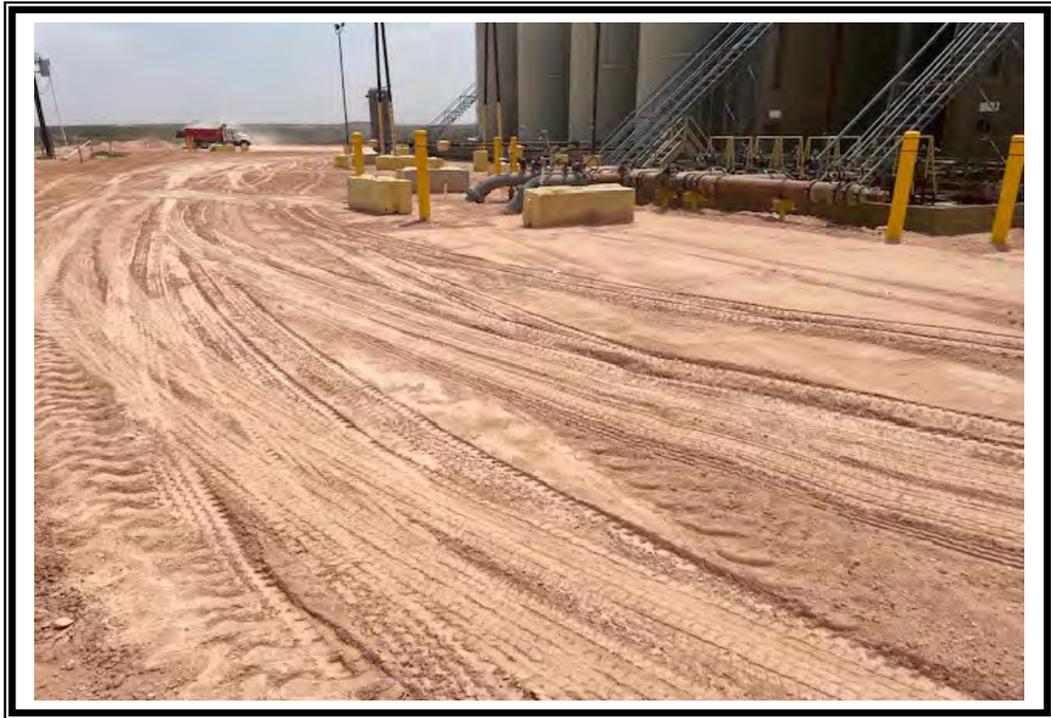


OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)



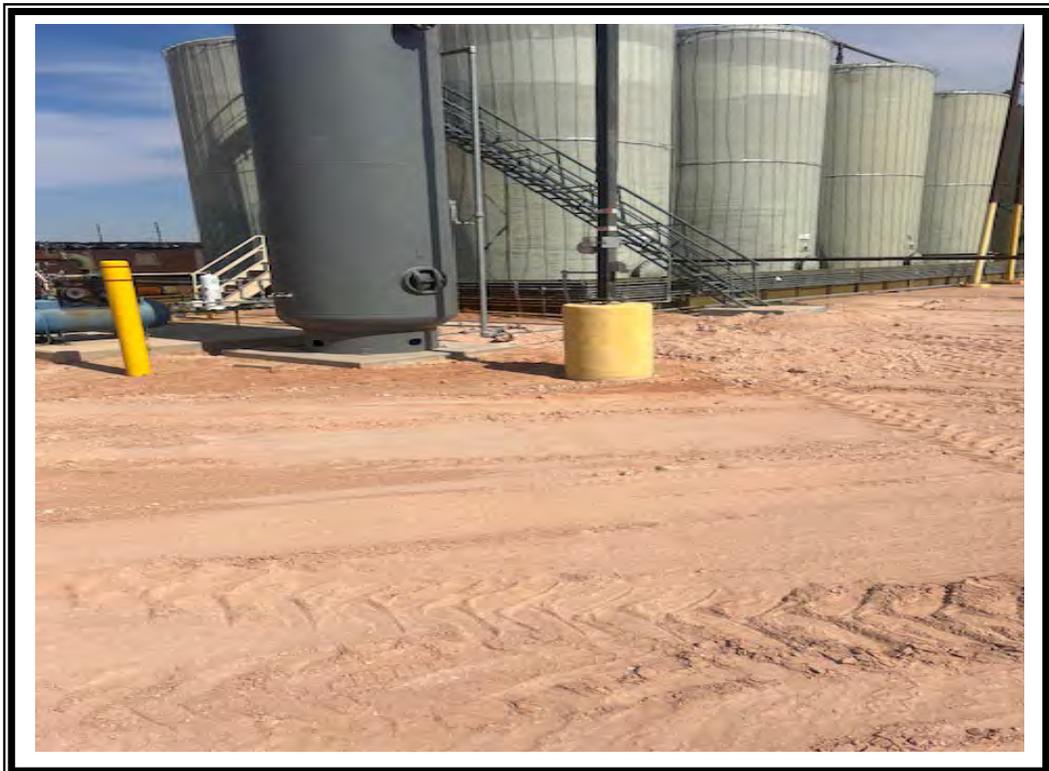


OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)





OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)



OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)



OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)



OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)



OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)



OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)



OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)



OXY – SAND DUNE SOUTH CORRIDOR N WATER POLISHING CTB (2/24/21)





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

July 16, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SAND DUNES S CORRIDOR CTB

Enclosed are the results of analyses for samples received by the laboratory on 07/10/24 14:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 1 @ 1' (H244115-01)

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	07/13/2024	ND	2.12	106	2.00	5.82	
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/12/2024	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	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 2 @ 1' (H244115-02)

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	07/13/2024	ND	2.12	106	2.00	5.82	
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/12/2024	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	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 56.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 3 @ 1' (H244115-03)

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	07/13/2024	ND	2.12	106	2.00	5.82	
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	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	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 4 @ 1' (H244115-04)

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	07/13/2024	ND	2.12	106	2.00	5.82		
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59		
Total BTEX	<0.300	0.300	07/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2024	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	07/12/2024	ND	195	97.6	200	1.53		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 5 @ 1' (H244115-05)

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	07/13/2024	ND	2.12	106	2.00	5.82	
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	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	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 53.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 56.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 6 @ 1' (H244115-06)

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	07/13/2024	ND	2.12	106	2.00	5.82	
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	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	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 7 @ 1' (H244115-07)

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	07/13/2024	ND	2.12	106	2.00	5.82		
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59		
Total BTEX	<0.300	0.300	07/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2024	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	07/12/2024	ND	195	97.6	200	1.53		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 8 @ 1' (H244115-08)

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	07/13/2024	ND	2.12	106	2.00	5.82		
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59		
Total BTEX	<0.300	0.300	07/13/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2024	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	07/12/2024	ND	195	97.6	200	1.53		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 9 @ 1' (H244115-09)

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	07/13/2024	ND	2.12	106	2.00	5.82		
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59		
Total BTEX	<0.300	0.300	07/13/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2024	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	07/12/2024	ND	195	97.6	200	1.53		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 10 @ 1' (H244115-10)

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	07/13/2024	ND	2.12	106	2.00	5.82	
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 11 @ 1' (H244115-11)

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	07/13/2024	ND	2.12	106	2.00	5.82	
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59	
Total BTEX	<0.300	0.300	07/13/2024	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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 12 @ 1' (H244115-12)

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	07/13/2024	ND	2.12	106	2.00	5.82	
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59	
Total BTEX	<0.300	0.300	07/13/2024	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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 13 @ 1' (H244115-13)

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	07/13/2024	ND	2.12	106	2.00	5.82		
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59		
Total BTEX	<0.300	0.300	07/13/2024	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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	195	97.6	200	1.53		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 14 @ 1' (H244115-14)

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	07/13/2024	ND	2.12	106	2.00	5.82	
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 15 @ 1' (H244115-15)

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	07/13/2024	ND	2.12	106	2.00	5.82		
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59		
Total BTEX	<0.300	0.300	07/13/2024	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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	195	97.6	200	1.53		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 16 @ 1' (H244115-16)

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	07/13/2024	ND	2.12	106	2.00	5.82	
Toluene*	<0.050	0.050	07/13/2024	ND	2.07	103	2.00	5.93	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.09	104	2.00	6.18	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.17	103	6.00	6.59	
Total BTEX	<0.300	0.300	07/13/2024	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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 17 @ 1' (H244115-17)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 18 @ 1' (H244115-18)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	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	32.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Analytical Results For:

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Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 19 @ 1' (H244115-19)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 20 @ 1' (H244115-20)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	195	97.6	200	1.53	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	191	95.6	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 21 @ 1' (H244115-21)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 22 @ 1' (H244115-22)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	32.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 23 @ 1' (H244115-23)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 24 @ 1' (H244115-24)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

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Analytical Results For:

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Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 25 @ 1' (H244115-25)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 26 @ 1' (H244115-26)

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	07/13/2024	ND	2.20	110	2.00	3.11		
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59		
Total BTEX	<0.300	0.300	07/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	<16.0	16.0	07/12/2024	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 27 @ 1' (H244115-27)

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	07/13/2024	ND	2.20	110	2.00	3.11		
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59		
Total BTEX	<0.300	0.300	07/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	16.0	16.0	07/12/2024	ND	464	116	400	3.51		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 28 @ 1' (H244115-28)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	32.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 29 @ 1' (H244115-29)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	16.0	16.0	07/12/2024	ND	464	116	400	3.51	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 30 @ 1' (H244115-30)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 31 @ 1' (H244115-31)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	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	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 32 @ 1' (H244115-32)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 33 @ 1' (H244115-33)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 34 @ 1' (H244115-34)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	0.060	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	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	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 35 @ 1' (H244115-35)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 36 @ 1' (H244115-36)

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	07/13/2024	ND	2.20	110	2.00	3.11	
Toluene*	<0.050	0.050	07/13/2024	ND	2.36	118	2.00	4.21	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.42	121	2.00	5.28	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.42	124	6.00	4.59	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 37 @ 1' (H244115-37)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 38 @ 1' (H244115-38)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 39 @ 1' (H244115-39)

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	07/13/2024	ND	2.04	102	2.00	0.182		
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940		
Total BTEX	<0.300	0.300	07/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 40 @ 1' (H244115-40)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	213	106	200	1.85	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	201	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 41 @ 1' (H244115-41)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.1 % 49.1-148

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Analytical Results For:

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Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 42 @ 1' (H244115-42)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 43 @1' (H244115-43)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 44 @ 1' (H244115-44)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 45 @ 1' (H244115-45)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 46 @ 1' (H244115-46)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 47 @ 1' (H244115-47)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 48 @ 1' (H244115-48)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 49 @ 1' (H244115-49)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 50 @ 1' (H244115-50)

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	07/13/2024	ND	2.04	102	2.00	0.182	
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	<16.0	16.0	07/12/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.
Project Manager: Cliff Brunson

Address: P.O. Box 805
City: Hobbs

Phone #: 575-397-6388 State: NM zip: 88241
Fax #: 575-397-0397

Project #: Project Owner: Oxy

Project Name: SAND DUNE S CORRIDOR CTB

Project Location: New Mexico

Sampler Name: ROYER HERRERA

FOR LAB USE ONLY
P.O. #: Company: Oxy
Attn: Address:
City: State: Zip:
Phone #: Fax #:

BILL TO

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH	BTEX	CL-
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
1044115	Bottom	G	1								7.8.24	9:00			
2		G	1								7.8.24	9:05			
3		G	1								7.8.24	9:10			
4		G	1								7.8.24	9:15			
5		G	1								7.8.24	9:20			
6		G	1								7.8.24	9:25			
7		G	1								7.8.24	9:30			
8		G	1								7.8.24	9:35			
9		G	1								7.8.24	9:40			
10		G	1								7.8.24	9:45			

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Relinquished By: [Signature]
Date: 7/8/24

Received By: [Signature]
Date: 7/8/24

Phone Result: Yes No Add'l Phone #:
Fax Result: Yes No Add'l Fax #:
REMARKS:

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: 2.8 - #140
Sample Condition: Cool Intact
Pres Yes No
Checked By: [Signature]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:	
Project Manager: Cliff Brunson		Company: Oxy	
Address: P.O. Box 805		Attn:	
City: Hobbs		Address:	
Phone #: 575-397-6388		City:	
State: NM zip: 88241		State:	
Fax #: 575-397-0397		Zip:	
Project #: _____		Project Owner: Oxy	
Project Name: Sand Lows S Cardiac		Project Location: New Mexico	
Project Location: New Mexico		Sampler Name: Roger Almaraz	
FOR LAB USE ONLY		Date: _____	
Lab I.D. H24415	Sample I.D. Bottom 11 e 1'	(G)RAB OR (C)OMP.	DATE
11	11 e 1'	G 1	7 8 24 9 50
12	12 e 1'	G 1	7 8 24 9 55
13	13 e 1'	G 1	7 8 24 10 00
14	14 e 1'	G 1	7 8 24 10 05
15	15 e 1'	G 1	7 8 24 10 10
16	16 e 1'	G 1	7 8 24 10 15
17	17 e 1'	G 1	7 8 24 10 20
18	18 e 1'	G 1	7 8 24 10 25
19	19 e 1'	G 1	7 8 24 10 30
20	20 e 1'	G 1	7 8 24 10 35
Matrix: <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER:		ACID/BASE:	DATE
PRESERV: <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER:		DATE	TIME
SAMPLING		TPH	✓
		BTEX	✓
		CL-	✓

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Relinquished By: _____ Date: 7-10-24 Received By: _____ Date: 7-10-24

Delivered By: (Circle One) UPS - Bus - Other: 2.8c #140

Sample Condition: Cool In/last Pres Yes No

Checked By: _____

REMARKS: _____



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

RF

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: Sand Dunes S Casador OB Project Location: New Mexico Sampler Name: Roger Hernandez		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		BILL TO ANALYSIS REQUEST	
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21 22 23 24 25 26 27 28 29 30	21 @ 1' 22 " 1' 23 " 1' 24 " 1' 25 " 1' 26 " 1' 27 " 1' 28 " 1' 29 " 1' 30 " 1'	G G G G G G G G G G	1 1 1 1 1 1 1 1 1 1
7.8.24 7.8.24 7.8.24 7.8.24 7.8.24 7.8.24 7.8.24 7.8.24 7.8.24 7.8.24	1040 1045 1050 1100 1105 1110 1115 1120 1125 1130	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
Date: 7/26/24 Time: 1452 Received By: <i>Spodrigney</i>	Date: _____ Time: _____ Received By: _____	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____ REMARKS:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____ REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>2.8</i>	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>RF</i>	CHECKED BY: <i>RF</i>

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Handwritten initials

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: Sand Pans S Canadee (75)
 Project Location: New Mexico State: Zip:
 Sampler Name: Roger Alvarado Fax #:
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	CL-
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								
H24415	Bottom		1									7.8.24	11:30				
			1									7.8.24	11:35				
			1									7.8.24	11:40				
			1									7.8.24	11:45				
			1									7.8.24	11:50				
			1									7.8.24	11:55				
			1									7.8.24	12:00				
			1									7.8.24	12:30				
			1									7.8.24	12:35				
			1									7.8.24	12:40				
			1									7.8.24	12:45				
			1									7.8.24	12:50				
			1									7.8.24	12:55				
			1									7.8.24	13:00				
			1									7.8.24	13:05				
			1									7.8.24	13:10				
			1									7.8.24	13:15				
			1									7.8.24	13:20				
			1									7.8.24	13:25				
			1									7.8.24	13:30				
			1									7.8.24	13:35				
			1									7.8.24	13:40				
			1									7.8.24	13:45				
			1									7.8.24	13:50				
			1									7.8.24	13:55				
			1									7.8.24	14:00				

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Relinquished By: *[Signature]* Date: 7/10/24 Time: 14:52
 Received By: *[Signature]* Date: 7/10/24 Time: 14:52
 Delivered By: (Circle One) UPS - Bus - Other: 2-8: #140
 Sample Condition: Cool Intact
 Checked By: *[Signature]*

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: <i>Sand Dams S Canada CRB</i> Project Location: New Mexico Sampler Name: <i>Ray H. Mader</i>		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____							
Relinquished By: <i>[Signature]</i> Date: <i>7-10-24</i> Time: <i>14:52</i>		Received By: <i>[Signature]</i> Date: _____ Time: _____							
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>2-8-#140</i>		Sample Condition Cool Impact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: <i>[Signature]</i>							
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Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS REQUEST
<i>H244115</i>	<i>Bottom</i>	<i>G</i>	<i>1</i>	<i>SOIL</i>	<i>V</i>	<i>V</i>	<i>7.8.24</i>	<i>12:45</i>	<i>TPH</i>
<i>41</i>	<i>41</i>	<i>G</i>	<i>1</i>	<i>SOIL</i>	<i>V</i>	<i>V</i>	<i>7.8.24</i>	<i>12:50</i>	<i>BTEX</i>
<i>42</i>	<i>42</i>	<i>G</i>	<i>1</i>	<i>SOIL</i>	<i>V</i>	<i>V</i>	<i>7.8.24</i>	<i>12:55</i>	<i>CL-</i>
<i>43</i>	<i>43</i>	<i>G</i>	<i>1</i>	<i>SOIL</i>	<i>V</i>	<i>V</i>	<i>7.8.24</i>	<i>1:00</i>	
<i>44</i>	<i>44</i>	<i>G</i>	<i>1</i>	<i>SOIL</i>	<i>V</i>	<i>V</i>	<i>7.8.24</i>	<i>1:05</i>	
<i>45</i>	<i>45</i>	<i>G</i>	<i>1</i>	<i>SOIL</i>	<i>V</i>	<i>V</i>	<i>7.8.24</i>	<i>1:10</i>	
<i>46</i>	<i>46</i>	<i>G</i>	<i>1</i>	<i>SOIL</i>	<i>V</i>	<i>V</i>	<i>7.8.24</i>	<i>1:15</i>	
<i>47</i>	<i>47</i>	<i>G</i>	<i>1</i>	<i>SOIL</i>	<i>V</i>	<i>V</i>	<i>7.8.24</i>	<i>1:20</i>	
<i>48</i>	<i>48</i>	<i>G</i>	<i>1</i>	<i>SOIL</i>	<i>V</i>	<i>V</i>	<i>7.8.24</i>	<i>1:25</i>	
<i>49</i>	<i>49</i>	<i>G</i>	<i>1</i>	<i>SOIL</i>	<i>V</i>	<i>V</i>	<i>7.8.24</i>	<i>1:30</i>	
<i>50</i>	<i>50</i>	<i>G</i>	<i>1</i>	<i>SOIL</i>	<i>V</i>	<i>V</i>	<i>7.8.24</i>	<i>1:35</i>	

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

July 16, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SAND DUNES S CORRIDOR CTB

Enclosed are the results of analyses for samples received by the laboratory on 07/10/24 14:52.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, flowing "C" at the beginning.

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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 51 @ 1' (H244116-01)

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	07/16/2024	ND	2.04	102	2.00	0.182	
Toluene*	0.061	0.050	07/16/2024	ND	1.98	99.2	2.00	0.661	
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	2.08	104	2.00	1.15	
Total Xylenes*	<0.150	0.150	07/16/2024	ND	6.13	102	6.00	0.940	
Total BTEX	<0.300	0.300	07/16/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/12/2024	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 52 @ 1' (H244116-02)

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	07/13/2024	ND	2.04	102	2.00	0.182		
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940		
Total BTEX	<0.300	0.300	07/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	203	101	200	2.34		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 69.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 53 @ 1' (H244116-03)

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	07/13/2024	ND	2.04	102	2.00	0.182		
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940		
Total BTEX	<0.300	0.300	07/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	203	101	200	2.34		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 54 @ 1' (H244116-04)

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	07/13/2024	ND	2.04	102	2.00	0.182		
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940		
Total BTEX	<0.300	0.300	07/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	203	101	200	2.34		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 55 @ 1' (H244116-05)

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	07/13/2024	ND	2.04	102	2.00	0.182		
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940		
Total BTEX	<0.300	0.300	07/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	203	101	200	2.34		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 56 @ 1' (H244116-06)

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	07/13/2024	ND	2.04	102	2.00	0.182		
Toluene*	<0.050	0.050	07/13/2024	ND	1.98	99.2	2.00	0.661		
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.08	104	2.00	1.15		
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.13	102	6.00	0.940		
Total BTEX	<0.300	0.300	07/13/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	203	101	200	2.34		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 90.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 57 @ 1' (H244116-07)

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	07/13/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/13/2024	ND	2.43	122	2.00	5.30	QM-07
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 58 @ 1' (H244116-08)

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	07/13/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/13/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/13/2024	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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.9 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 59 @ 1' (H244116-09)

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	07/13/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/13/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	16.0	16.0	07/12/2024	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	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 60 @ 1' (H244116-10)

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	07/16/2024	ND	2.32	116	2.00	0.789	
Toluene*	0.134	0.050	07/16/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/16/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/16/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/16/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	203	101	200	2.34	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	177	88.6	200	4.16	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 61 @ 1' (H244116-11)

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	07/13/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/13/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 62 @ 1' (H244116-12)

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	07/13/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/13/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/08/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 63 @ 1' (H244116-13)

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	07/13/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/13/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 64 @ 7' (H244116-14)

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	07/13/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/13/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 65 @ 7' (H244116-15)

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	07/13/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/13/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 66 @ 7' (H244116-16)

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	07/13/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/13/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	16.0	16.0	07/12/2024	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 67 @ 7' (H244116-17)

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	07/13/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/13/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/13/2024	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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 68 @ 7' (H244116-18)

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	07/14/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/14/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 69 @ 7' (H244116-19)

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	07/14/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/14/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 70 @ 7' (H244116-20)

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	07/14/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/14/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 71 @ 7' (H244116-21)

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	07/14/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/14/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	<16.0	16.0	07/12/2024	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 72 @ 7' (H244116-22)

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	07/14/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/14/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 73 @ 7' (H244116-23)

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	07/14/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/14/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 74 @ 7' (H244116-24)

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	07/14/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/14/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 75 @ 7' (H244116-25)

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	07/14/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/14/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 76 @ 7' (H244116-26)

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	07/14/2024	ND	2.32	116	2.00	0.789	
Toluene*	<0.050	0.050	07/14/2024	ND	2.43	122	2.00	5.30	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.53	127	2.00	5.02	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.73	129	6.00	4.75	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 77 @ 7' (H244116-27)

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	07/14/2024	ND	2.35	118	2.00	2.26		
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07		
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	QM-07, QR-03	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	QM-07, QR-03	
Total BTEX	<0.300	0.300	07/14/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	197	98.4	200	1.78		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 78 @ 7' (H244116-28)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: BOTTOM 79 @ 7' (H244116-29)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 1 @ 1' (H244116-30)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2024	ND	448	112	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	07/13/2024	ND	197	98.4	200	1.78	
DRO >C10-C28*	<10.0	10.0	07/13/2024	ND	200	100	200	3.14	
EXT DRO >C28-C36	<10.0	10.0	07/13/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 2 @ 1' (H244116-31)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	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	32.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.6 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 3 @ 1' (H244116-32)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 4 @ 1' (H244116-33)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	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	32.0	16.0	07/15/2024	ND	448	112	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	07/13/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/13/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/13/2024	ND					

Surrogate: 1-Chlorooctane 49.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.7 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 5 @ 1' (H244116-34)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 6 @ 1' (H244116-35)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 7 @ 1' (H244116-36)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	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	32.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 8 @ 1' (H244116-37)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 9 @ 1' (H244116-38)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 10 @ 1' (H244116-39)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	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	32.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 11 @ 7' (H244116-40)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 12 (H244116-41)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	07/15/2024	ND	448	112	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.9 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 13 (H244116-42)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	48.0	16.0	07/15/2024	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 14 (H244116-43)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	32.0	16.0	07/15/2024	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 15 (H244116-44)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	32.0	16.0	07/15/2024	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 16 (H244116-45)

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	07/14/2024	ND	2.35	118	2.00	2.26	
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07	
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37	
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82	
Total BTEX	<0.300	0.300	07/14/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	16.0	16.0	07/15/2024	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 73.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 17 (H244116-46)

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	07/14/2024	ND	2.35	118	2.00	2.26		
Toluene*	<0.050	0.050	07/14/2024	ND	2.41	120	2.00	3.07		
Ethylbenzene*	<0.050	0.050	07/14/2024	ND	2.56	128	2.00	4.37		
Total Xylenes*	<0.150	0.150	07/14/2024	ND	7.90	132	6.00	4.82		
Total BTEX	<0.300	0.300	07/14/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	16.0	16.0	07/15/2024	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	07/12/2024	ND	211	105	200	5.57		
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7		
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND						

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	07/10/2024	Sampling Date:	07/09/2024
Reported:	07/16/2024	Sampling Type:	Soil
Project Name:	SAND DUNES S CORRIDOR CTB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY- EDDY CO NM		

Sample ID: SIDEWALL 18 (H244116-47)

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	07/13/2024	ND	2.17	108	2.00	7.88	
Toluene*	<0.050	0.050	07/13/2024	ND	2.00	100	2.00	6.71	
Ethylbenzene*	<0.050	0.050	07/13/2024	ND	2.04	102	2.00	7.09	
Total Xylenes*	<0.150	0.150	07/13/2024	ND	6.03	100	6.00	7.44	
Total BTEX	<0.300	0.300	07/13/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	32.0	16.0	07/15/2024	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	07/12/2024	ND	211	105	200	5.57	
DRO >C10-C28*	<10.0	10.0	07/12/2024	ND	200	100	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	07/12/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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.
BS1 Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

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

ANALYSIS REQUEST

BILL TO

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: Sand Run S Canada CRB
 Project Location: New Mexico
 Sampler Name: Roger Brantner
 P.O. #: Company: Oxy
 Attn: Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	MATRIX	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	CL-
10	Bottom													7.8.24	135			
	51	0 1'	1											7.8.24	140			
	52	0 1'	1											7.8.24	145			
	53	0 1'	1											7.8.24	150			
	54	0 1'	1											7.8.24	155			
	55	0 1'	1											7.8.24	200			
	56	0 1'	1											7.8.24	205			
	57	0 1'	1											7.8.24	210			
	58	0 1'	1											7.8.24	215			
	59	0 1'	1											7.8.24	220			
	60	0 1'	1											7.8.24	220			

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Relinquished By: [Signature] Date: 7-10-24 Time: 1452
 Received By: [Signature] Date: [] Time: []
 Delivered By: (Circle One) 2.8.24 #140
 Sampler - UPS - Bus - Other: []
 Sample Condition: Cool Intact []
 Checked By: [Signature] (Initials)
 Phone Result: [] Yes [] No Add'l Phone #: []
 Fax Result: [] Yes [] No Add'l Fax #: []

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:	
Project Manager: Cliff Brunson		Company: Oxy	
Address: P.O. Box 805		Attn:	
City: Hobbs		Address:	
State: NM Zip: 88241		City:	
Phone #: 575-397-6388		State:	
Fax #: 575-397-0397		Zip:	
Project #:		Project Owner: Oxy	
Project Name: Sand Dunes S Cancha 07B		Phone #:	
Project Location: New Mexico		Fax #:	
Sampler Name: Peggy Brumby		DATE	
FOR LAB USE ONLY		TIME	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS
H94114	21	Bottom 71 @ 7'	G
	22	72 @ 7'	G
	23	73 @ 7'	G
	24	74 @ 7'	G
	25	75 @ 7'	G
	26	76 @ 7'	G
	27	77 @ 7'	G
	28	78 @ 7'	G
	29	79 @ 7'	G
	30	80 @ 7'	G
	31	81 @ 7'	G
32	82 @ 7'	G	
33	83 @ 7'	G	
34	84 @ 7'	G	
35	85 @ 7'	G	
36	86 @ 7'	G	
37	87 @ 7'	G	
38	88 @ 7'	G	
39	89 @ 7'	G	
40	90 @ 7'	G	
41	91 @ 7'	G	
42	92 @ 7'	G	
43	93 @ 7'	G	
44	94 @ 7'	G	
45	95 @ 7'	G	
46	96 @ 7'	G	
47	97 @ 7'	G	
48	98 @ 7'	G	
49	99 @ 7'	G	
50	100 @ 7'	G	
51	101 @ 7'	G	
52	102 @ 7'	G	
53	103 @ 7'	G	
54	104 @ 7'	G	
55	105 @ 7'	G	
56	106 @ 7'	G	
57	107 @ 7'	G	
58	108 @ 7'	G	
59	109 @ 7'	G	
60	110 @ 7'	G	
61	111 @ 7'	G	
62	112 @ 7'	G	
63	113 @ 7'	G	
64	114 @ 7'	G	
65	115 @ 7'	G	
66	116 @ 7'	G	
67	117 @ 7'	G	
68	118 @ 7'	G	
69	119 @ 7'	G	
70	120 @ 7'	G	
71	121 @ 7'	G	
72	122 @ 7'	G	
73	123 @ 7'	G	
74	124 @ 7'	G	
75	125 @ 7'	G	
76	126 @ 7'	G	
77	127 @ 7'	G	
78	128 @ 7'	G	
79	129 @ 7'	G	
80	130 @ 7'	G	
81	131 @ 7'	G	
82	132 @ 7'	G	
83	133 @ 7'	G	
84	134 @ 7'	G	
85	135 @ 7'	G	
86	136 @ 7'	G	
87	137 @ 7'	G	
88	138 @ 7'	G	
89	139 @ 7'	G	
90	140 @ 7'	G	
91	141 @ 7'	G	
92	142 @ 7'	G	
93	143 @ 7'	G	
94	144 @ 7'	G	
95	145 @ 7'	G	
96	146 @ 7'	G	
97	147 @ 7'	G	
98	148 @ 7'	G	
99	149 @ 7'	G	
100	150 @ 7'	G	
101	151 @ 7'	G	
102	152 @ 7'	G	
103	153 @ 7'	G	
104	154 @ 7'	G	
105	155 @ 7'	G	
106	156 @ 7'	G	
107	157 @ 7'	G	
108	158 @ 7'	G	
109	159 @ 7'	G	
110	160 @ 7'	G	
111	161 @ 7'	G	
112	162 @ 7'	G	
113	163 @ 7'	G	
114	164 @ 7'	G	
115	165 @ 7'	G	
116	166 @ 7'	G	
117	167 @ 7'	G	
118	168 @ 7'	G	
119	169 @ 7'	G	
120	170 @ 7'	G	
121	171 @ 7'	G	
122	172 @ 7'	G	
123	173 @ 7'	G	
124	174 @ 7'	G	
125	175 @ 7'	G	
126	176 @ 7'	G	
127	177 @ 7'	G	
128	178 @ 7'	G	
129	179 @ 7'	G	
130	180 @ 7'	G	
131	181 @ 7'	G	
132	182 @ 7'	G	
133	183 @ 7'	G	
134	184 @ 7'	G	
135	185 @ 7'	G	
136	186 @ 7'	G	
137	187 @ 7'	G	
138	188 @ 7'	G	
139	189 @ 7'	G	
140	190 @ 7'	G	
141	191 @ 7'	G	
142	192 @ 7'	G	
143	193 @ 7'	G	
144	194 @ 7'	G	
145	195 @ 7'	G	
146	196 @ 7'	G	
147	197 @ 7'	G	
148	198 @ 7'	G	
149	199 @ 7'	G	
150	200 @ 7'	G	
151	201 @ 7'	G	
152	202 @ 7'	G	
153	203 @ 7'	G	
154	204 @ 7'	G	
155	205 @ 7'	G	
156	206 @ 7'	G	
157	207 @ 7'	G	
158	208 @ 7'	G	
159	209 @ 7'	G	
160	210 @ 7'	G	
161	211 @ 7'	G	
162	212 @ 7'	G	
163	213 @ 7'	G	
164	214 @ 7'	G	
165	215 @ 7'	G	
166	216 @ 7'	G	
167	217 @ 7'	G	
168	218 @ 7'	G	
169	219 @ 7'	G	
170	220 @ 7'	G	
171	221 @ 7'	G	
172	222 @ 7'	G	
173	223 @ 7'	G	
174	224 @ 7'	G	
175	225 @ 7'	G	
176	226 @ 7'	G	
177	227 @ 7'	G	
178	228 @ 7'	G	
179	229 @ 7'	G	
180	230 @ 7'	G	
181	231 @ 7'	G	
182	232 @ 7'	G	
183	233 @ 7'	G	
184	234 @ 7'	G	
185	235 @ 7'	G	
186	236 @ 7'	G	
187	237 @ 7'	G	
188	238 @ 7'	G	
189	239 @ 7'	G	
190	240 @ 7'	G	
191	241 @ 7'	G	
192	242 @ 7'	G	
193	243 @ 7'	G	
194	244 @ 7'	G	
195	245 @ 7'	G	
196	246 @ 7'	G	
197	247 @ 7'	G	
198	248 @ 7'	G	
199	249 @ 7'	G	
200	250 @ 7'	G	
201	251 @ 7'	G	
202	252 @ 7'	G	
203	253 @ 7'	G	
204	254 @ 7'	G	
205	255 @ 7'	G	
206	256 @ 7'	G	
207	257 @ 7'	G	
208	258 @ 7'	G	
209	259 @ 7'	G	
210	260 @ 7'	G	
211	261 @ 7'	G	
212	262 @ 7'	G	
213	263 @ 7'	G	
214	264 @ 7'	G	
215	265 @ 7'	G	
216	266 @ 7'	G	
217	267 @ 7'	G	
218	268 @ 7'	G	
219	269 @ 7'	G	
220	270 @ 7'	G	
221	271 @ 7'	G	
222	272 @ 7'	G	
223	273 @ 7'	G	
224	274 @ 7'	G	
225	275 @ 7'	G	
226	276 @ 7'	G	
227	277 @ 7'	G	
228	278 @ 7'	G	
229	279 @ 7'	G	
230	280 @ 7'	G	
231	281 @ 7'	G	
232	282 @ 7'	G	
233	283 @ 7'	G	
234	284 @ 7'	G	
235	285 @ 7'	G	
236	286 @ 7'	G	
237	287 @ 7'	G	
238	288 @ 7'	G	
239	289 @ 7'	G	
240	290 @ 7'	G	
241	291 @ 7'	G	
242	292 @ 7'	G	
243	293 @ 7'	G	
244	294 @ 7'	G	
245	295 @ 7'	G	
246	296 @ 7'	G	
247	297 @ 7'	G	
248	298 @ 7'	G	
249	299 @ 7'	G	
250	300 @ 7'	G	
251	301 @ 7'	G	
252	302 @ 7'	G	
253	303 @ 7'	G	
254	304 @ 7'	G	
255	305 @ 7'	G	
256	306 @ 7'	G	
257	307 @ 7'	G	
258	308 @ 7'	G	
259	309 @ 7'	G	
260	310 @ 7'	G	
261	311 @ 7'	G	
262	312 @ 7'	G	
263	313 @ 7'	G	
264	314 @ 7'	G	
265	315 @ 7'	G	
266	316 @ 7'	G	
267	317 @ 7'	G	
268	318 @ 7'	G	
269	319 @ 7'	G	
270	320 @ 7'	G	
271	321 @ 7'	G	
272	322 @ 7'	G	
273	323 @ 7'	G	
274	324 @ 7'	G	
275	325 @ 7'	G	
276	326 @ 7'	G	
277	327 @ 7'	G	
278	328 @ 7'	G	
279	329 @ 7'	G	
280	330 @ 7'	G	
281	331 @ 7'	G	
282	332 @ 7'	G	
283	333 @ 7'	G	
284	334 @ 7'	G	
285	335 @ 7'	G	
286	336 @ 7'	G	
287	337 @ 7'	G	
288	338 @ 7'	G	
289	339 @ 7'	G	
290	340 @ 7'	G	
291	341 @ 7'	G	
292	342 @ 7'	G	
293	343 @ 7'	G	
294	344 @ 7'	G	
295	345 @ 7'	G	
296	346 @ 7'	G	
297	347 @ 7'	G	
298	348 @ 7'	G	
299	349 @ 7'	G	
300	350 @ 7'	G	
301	351 @ 7'	G	
302	352 @ 7'	G	
303	353 @ 7'	G	
304	354 @ 7'	G	
305	355 @ 7'	G	
306	356 @ 7'	G	
307	357 @ 7'	G	
308	358 @ 7'	G	
309	359 @ 7'	G	
310	360 @ 7'	G	
311	361 @ 7'	G	
312	362 @ 7'	G	
313	363 @ 7'	G	
314	364 @ 7'	G	
315	365 @ 7'	G	
316	366 @ 7'	G	
317	367 @ 7'	G	
318	368 @ 7'	G	
319	369 @ 7'	G	
320	370 @ 7'	G	
321	371 @ 7'	G	
322	372 @ 7'	G	
323	373 @ 7'	G	
324	374 @ 7'	G	
325	375 @ 7'	G	
326	376 @ 7'	G	
327	377 @ 7'	G	
328	378 @ 7'	G	
329	379 @ 7'	G	
330	380 @ 7'	G	
331	381 @ 7'	G	
332	382 @ 7'	G	
333	383 @ 7'	G	
334	384 @ 7'	G	
335	385 @ 7'	G	
336	386 @ 7'	G	
337	387 @ 7'	G	
338	388 @ 7'	G	
339	389 @ 7'	G	
340	390 @ 7'	G	
341	391 @ 7'	G	
342	392 @ 7'	G	
343	393 @ 7'	G	
344	394 @ 7'	G	
345	395 @ 7'	G	
346	396 @ 7'	G	
347	397 @ 7'	G	
348	398 @ 7'	G	
349	399 @ 7'	G	
350	400 @ 7'	G	
351	401 @ 7'	G	
352	402 @ 7'	G	
353	403 @ 7'	G	
354	404 @ 7'	G	
355	405 @ 7'	G	
356	406 @ 7'	G	
357	407 @ 7'	G	
358	408 @ 7'	G	
359	409 @ 7'	G	
360	410 @ 7'	G	
361			



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

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: Sand Dunes S Calder CRB
 Project Location: New Mexico
 P.O. #: Company: Oxy
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	CL-
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1044111	SIDEMALL 2011'	C	1			V				7/9/24	1150	V	V	V
	3011'	C	1			V				7/9/24	1200	V	V	V
	4011'	C	1			V				7/9/24	1200	V	V	V
	5011'	C	1			V				7/9/24	1230	V	V	V
	6011'	C	1			V				7/9/24	1240	V	V	V
	7011'	C	1			V				7/9/24	1250	V	V	V
	8011'	C	1			V				7/9/24	1100	V	V	V
	9011'	C	1			V				7/9/24	1100	V	V	V
	10011'	C	1			V				7/9/24	1100	V	V	V
	11011'	C	1			V				7/9/24	1100	V	V	V

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Relinquished By: [Signature] Date: 7/10/24 Time: 1452
 Received By: [Signature] Date: 7/26/24 Time: 1452
 Delivered By: (Circle One) 2.8.24 #140
 Sampler - UPS - Bus - Other: [Initials]
 Sample Condition: Cool Intact
 Checked By: [Initials]

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:															
Project Manager: Cliff Brunson		Company: Oxy															
Address: P.O. Box 805		Attn:															
City: Hobbs		Address:															
State: NM Zip: 88241		City:															
Phone #: 575-397-6388		State:															
Fax #: 575-397-0397		Zip:															
Project #: <i>Sand Pines S Cardor CR</i>		Project Owner: Oxy															
Project Name: <i>Sand Pines S Cardor CR</i>		Phone #:															
Project Location: New Mexico		Fax #:															
Sampler Name: <i>Rogel Hernandez</i>		PRESERV:															
FOR LAB USE ONLY		SAMPLING															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	CL-
<i>H044110</i>	<i>Sidewalk 12</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>7.9.24</i>	<i>130</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
<i>41</i>	<i>Sidewalk 13</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>7.9.24</i>	<i>140</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
<i>42</i>	<i>Sidewalk 14</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>7.9.24</i>	<i>150</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
<i>43</i>	<i>Sidewalk 15</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>7.9.24</i>	<i>160</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
<i>44</i>	<i>Sidewalk 16</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>7.9.24</i>	<i>170</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
<i>45</i>	<i>Sidewalk 17</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>7.9.24</i>	<i>180</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
<i>46</i>	<i>Sidewalk 18</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>7.9.24</i>	<i>190</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
<i>47</i>	<i>Sidewalk 19</i>	<i>C</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<i>7.9.24</i>	<i>230</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising under this contract or TOT shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *[Signature]* Date: *7.10.24* Time: *1452*

Received By: *[Signature]* Date: *7.10.24* Time: *1452*

Delivered By: (Circle One) *2.8 - #1146*

Sampler - UPS - Bus - Other: *2.8 - #1146*

Sample Condition: Cool Intact

Checked By: *[Signature]*

Phone Result: Yes No Add'l Phone #: _____

Fax Result: Yes No Add'l Fax #: _____

REMARKS: _____

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10/9/24

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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Action 367565

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367565
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2105655800
Incident Name	NAPP2105655800 SAND DUNES SOUTH CORRIDOR N. WATER POLISHING CTB @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAPP2127048458] Sand Dunes South Corridor CTB

Location of Release Source

Please answer all the questions in this group.

Site Name	SAND DUNES SOUTH CORRIDOR N. WATER POLISHING CTB
Date Release Discovered	02/24/2021
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: Equipment Failure Valve Produced Water Released: 340 BBL Recovered: 280 BBL Lost: 60 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 367565

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367565
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<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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QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367565
	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 1000 (ft.) and ½ (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 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (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
<i>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.</i>	
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)	48
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0.1
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	06/12/2024
On what date will (or did) the final sampling or liner inspection occur	06/08/2024
On what date will (or was) the remediation complete(d)	07/03/2024
What is the estimated surface area (in square feet) that will be reclaimed	15587
What is the estimated volume (in cubic yards) that will be reclaimed	2160
What is the estimated surface area (in square feet) that will be remediated	15587
What is the estimated volume (in cubic yards) that will be remediated	2160

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

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

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QUESTIONS, Page 4

Action 367565

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367565
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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.

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	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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 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
--	---

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

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QUESTIONS, Page 5

Action 367565

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367565
	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 367565

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	367565
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	359371
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	07/08/2024
What was the (estimated) number of samples that were to be gathered	97
What was the sampling surface area in square feet	15587

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
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	15587
What was the total volume (cubic yards) remediated	2160
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	15587
What was the total volume (in cubic yards) reclaimed	2160
Summarize any additional remediation activities not included by answers (above)	The leak area near SP1 – SP10 (BLUE shade on diagram) was excavated to a depth of 1 foot. The leak area near SP11 – SP13 (ORANGE shade on diagram) was excavated to a depth of 7 feet. The leak area near SP14 (PURPLE shade on diagram) required zero remediation. Oxy collected bottom confirmation samples and sidewall confirmation samples every 200 square feet .

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 07/26/2024
--	---

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QUESTIONS, Page 7

Action 367565

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367565
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 367565

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367565
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	7/29/2024
crystal.walker	Closure Approved. Please be sure to submit sampling notification for all confirmation sampling events per the regulations. Thank you	7/29/2024