

Closure Report

ID#nAB1901157134

Site Description

Site Name:	CORRAL FLY GUNBARREL AND AST FACILITY
Company:	Oxy USA, Inc.
Legal Description:	U/L P , Section 2, T25S, R29 E
County:	EDDY County, NM
GPS Coordinates:	N 32.154921, W-103.946857

Release Data

Date of Release:	12/2/2018
Type of Release:	Produced water
Source of Release:	DISCHARGE LINE BLEW OUT OF POND
Volume of Release:	Produced water 20bbls
Volume Recovered:	Produced Water 10 bbls

Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The entire leak area (BLUE shade on diagram) was excavated to a depth of 1 foot. Bottom and sidewall confirmation samples were collected at no greater than 200 ft.
Remediation Activities:	4/2/24 - 5/6/24

Plan Sent to OCD:	3/6/2019	
OCD Approval of Plan:	2/21/2019	
Plan Sent to BLM:	2/21/2019	
BLM Approval of Plan:	3/6/2019	

Supporting Documentation

Initial C-141	signed and included	
C-141, page 6	signed and included	
Site Diagram	Google Earth map	
Pictures	Remediation photos	
Lab Summary/Analysis		5/10/24 ,5/21/24 ,5/29/24
Notifications		5/7/2024

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

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1901157134
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 OCD District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

Printed Name: 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, CORRAL FLY GUNBARRELAND AST FACILITY

LEAK DATE :12/2/2018
EDDY COUNTY ,NM
ID#nAB1901157134

Legend

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







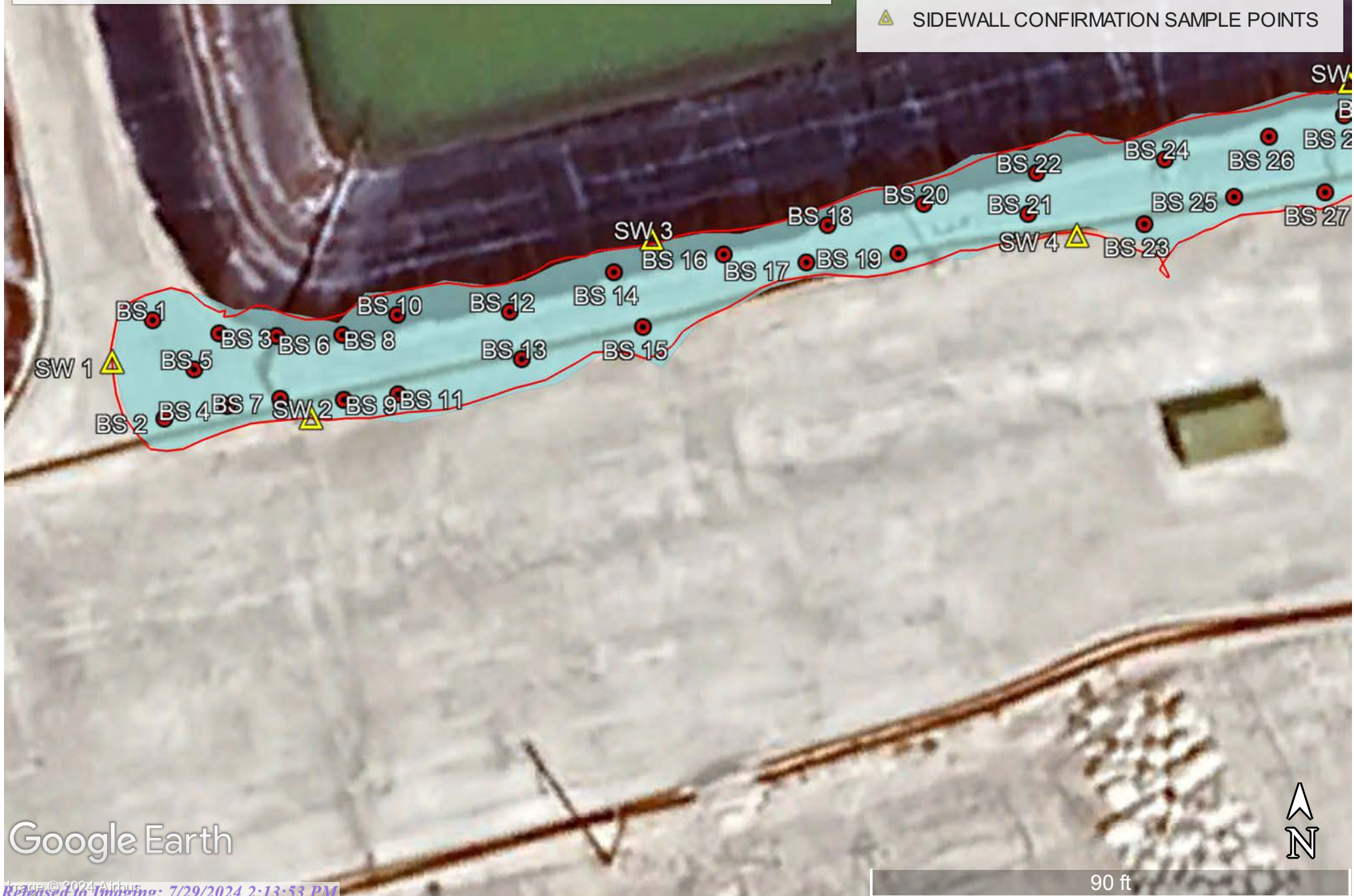
Google Earth

OXY, CORRAL FLY GUNBARRELAND AST FACILITY

LEAK DATE :12/2/2018
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Legend





-  1 FT EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  LEAK AREA
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OXY, CORRAL FLY GUNBARRELAND AST FACILITY

LEAK DATE :12/2/2018
EDDY COUNTY ,NM
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Legend

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



OXY- CORRAL FLY GUNBARREL (12/2/18) SAMPLE DATE 5/21/24

BOTTOM SAMPLE POINTS

BS 1@1'	N 32.154840	W-103.947584
BS 2@1'	N 32.154788	W-103.947576
BS 3@1'	N 32.154833	W-103.947543
BS 4@1'	N 32.154795	W-103.947537
BS 5@1'	N 32.154814	W-103.947558
BS 6@1'	N 32.154832	W-103.947507
BS 7@1'	N 32.154799	W-103.947504
BS 8@1'	N 32.154832	W-103.947466
BS 9@1'	N 32.154798	W-103.947465
BS 10@1'	N 32.154843	W-103.947432
BS 11@1'	N 32.154801	W-103.947431
BS 12@1'	N 32.154845	W-103.947362
BS 13@1'	N 32.154820	W-103.947354
BS 14@1'	N 32.154865	W-103.947297
BS 15@1'	N 32.154837	W-103.947279
BS 16@1'	N 32.154875	W-103.947229
BS 17@1'	N 32.154817	W-103.947177
BS 18@1'	N 32.154890	W-103.947164
BS 19@1'	N 32.154875	W-103.947120
BS 20@1'	N 32.154901	W-103.947104
BS 21@1'	N 32.154896	W-103.947039
BS 22@1'	N 32.154918	W-103.947034
BS 23@1'	N 32.154890	W-103.946968
BS 24@1'	N 32.154924	W-103.946955
BS 25@1'	N 32.154904	W-103.946913
BS 26@1'	N 32.154936	W-103.946892
BS 27@1'	N 32.154907	W-103.946858
BS 28@1'	N 32.154947	W-103.946846
BS 29@1'	N 32.154928	W-103.946815
BS 30@1'	N 32.154954	W-103.946800
BS 31@1'	N 32.154928	W-103.946765
BS 32@1'	N 32.154962	W-103.946765
BS 33@1'	N 32.154934	W-103.946725
BS 34@1'	N 32.154971	W-103.946721
BS 35@1'	N 32.154943	W-103.946689
BS 36@1'	N 32.154980	W-103.946646
BS 37@1'	N 32.154960	W-103.946598
BS 38@1'	N 32.154995	W-103.946574
BS 39@1'	N 32.154978	W-103.946514

BS 40@1'	N 32.155018	W-103.946519
BS 41@1'	N 32.154988	W-103.946454
BS 42@1'	N 32.155027	W-103.946437
BS 43@1'	N 32.155011	W-103.946389
BS 44@1'	N 32.155039	W-103.946367
BS 45@1'	N 32.155035	W-103.946305
BS 46@1'	N 32.155057	W-103.946253

SIDEWALL SAMPLE POINT

SW 1	N 32.154818	W-103.947609
SW 2	N 32.154788	W-103.947486
SW 3	N 32.154883	W-103.947274
SW 4	N 32.154887	W-103.947001
SW 5	N 32.154964	W-103.946843
SW 6	N 32.154937	W-103.946636
SW 7	N 32.155047	W-103.946414
SW 8	N 32.1550332	W-103.946269

[illegible][illegible][illegible]

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8
Analyte	Date	5/21/24	5/21/24	5/21/24	5/21/24	5/21/24	5/21/24	5/21/24	5/21/24
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		64.0	48.0	48.0	48.0	64.0	48.0	64.0	64.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

National Flood Hazard Layer FIRMette



103°57'7"W 32°9'33"N



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

1:6,000

103°56'30"W 32°9'3"N

Released to Imaging: 7/29/2024 2:13:53 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

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



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

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




The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/11/2024 at 4:06 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,CORRAL FLY GUNBARREL AND AST FACILITY

LEAK DATE :12/2/2018
EDDY COUNTY, NM
ID#nAB1901157134

Legend

-  1 ft Excavation across entire leak area
-  Leak area
-  Low

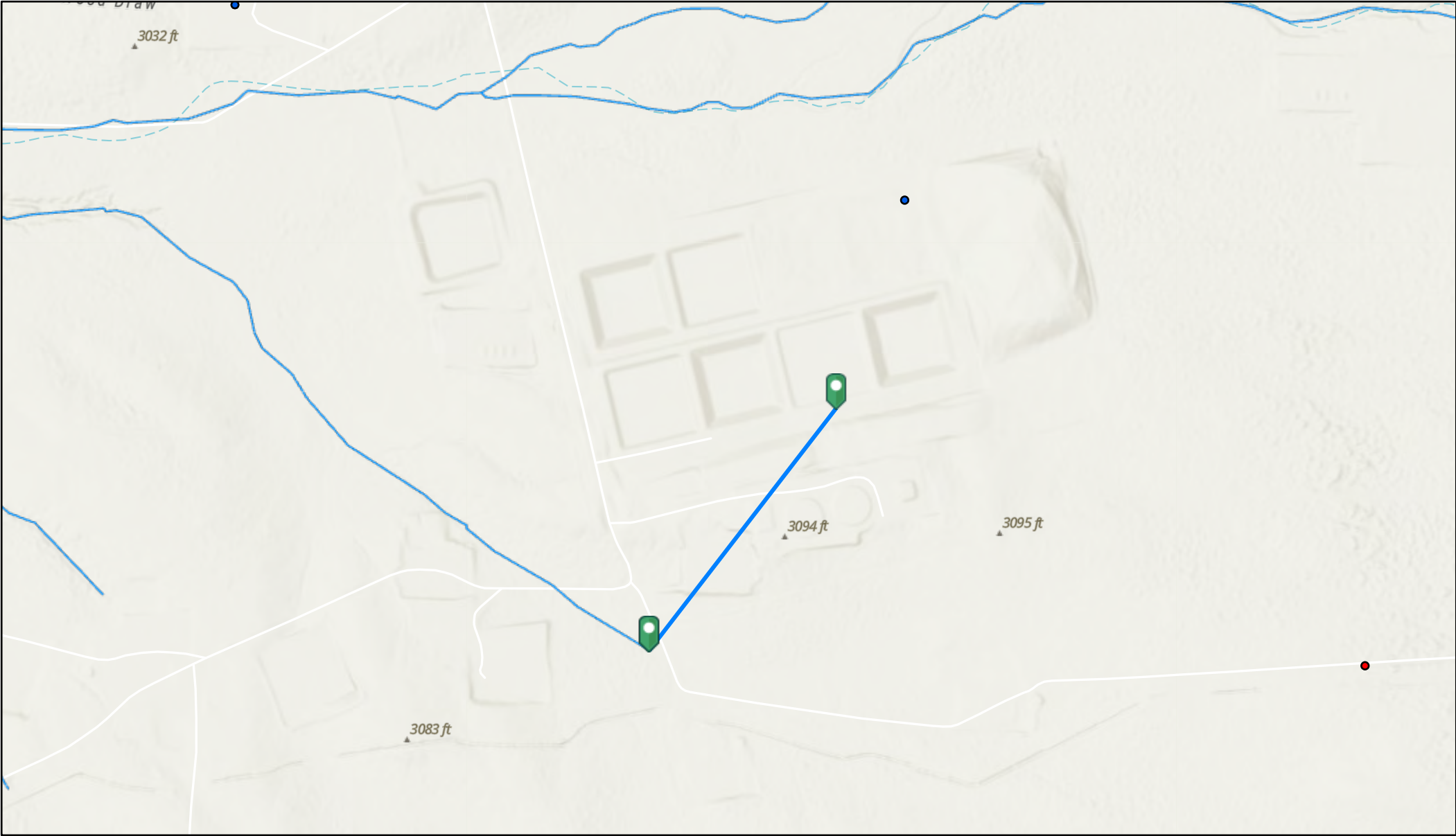


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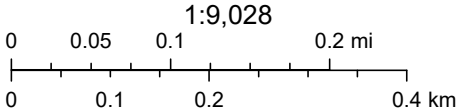
200 ft

OXY, Corral Fly Gunbarrel & AST Facility (12/2/18) 1,463.4 FEET OR 0.28 MILES TO WATER



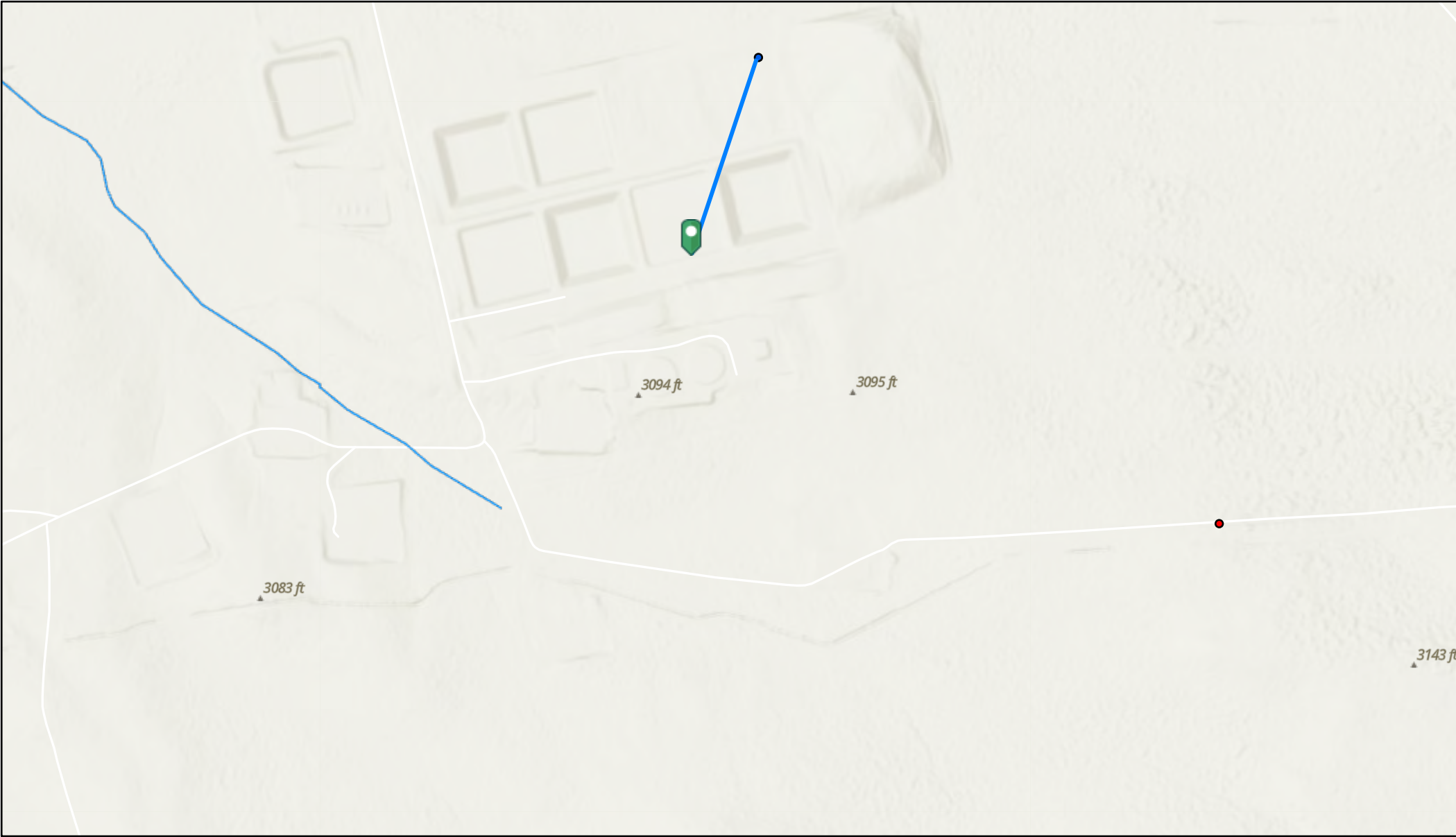
7/11/2024, 1:43:45 PM

OSE Water PODs ● Active ● Plugged — OSE Streams



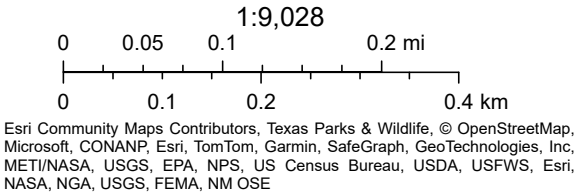
Esri Community Maps Contributors, Texas Parks & Wildlife, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, Esri, NASA, NGA, USGS, FEMA, NM OSE

OXY, Corral Fly Gunbarrel & AST Facility (12/2/18) 982.8 FEET OR 0.19 MILES TO WATER POD



7/11/2024, 1:53:46 PM

OSE Water PODs ● Plugged — OSE Streams
● Active





Corral Fly Gunbarrel & AST Facility (12/2/1



July 11, 2024

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

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



OXY – CORRAL FLY GUNBARREL AND AST FACILITY (12/2/18)





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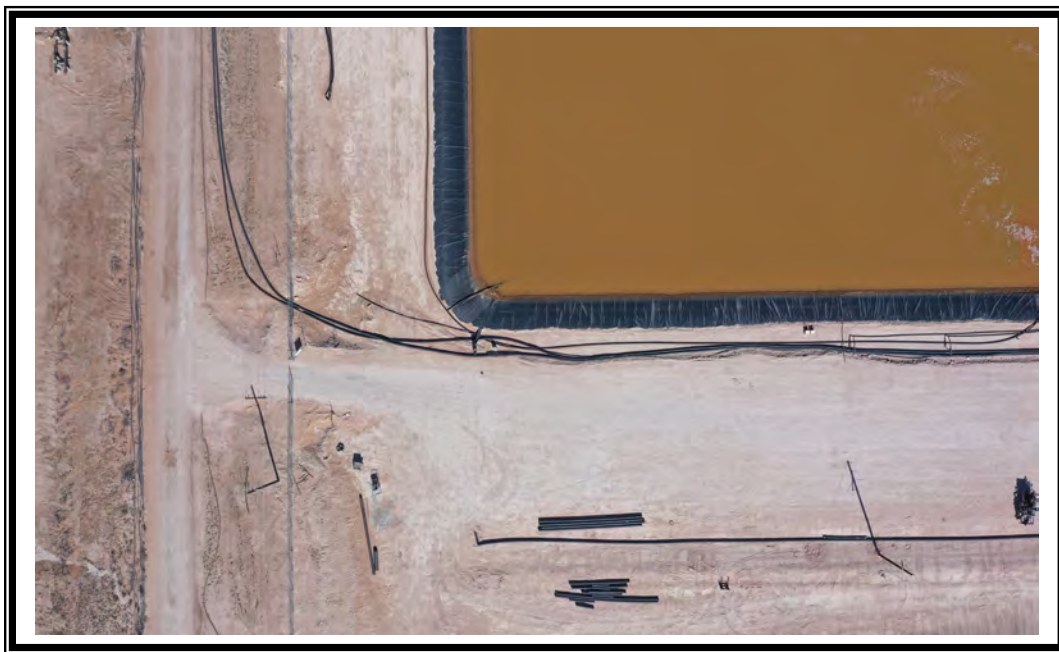


OXY – CORRAL FLY GUNBARREL AND AST FACILITY (12/2/18)



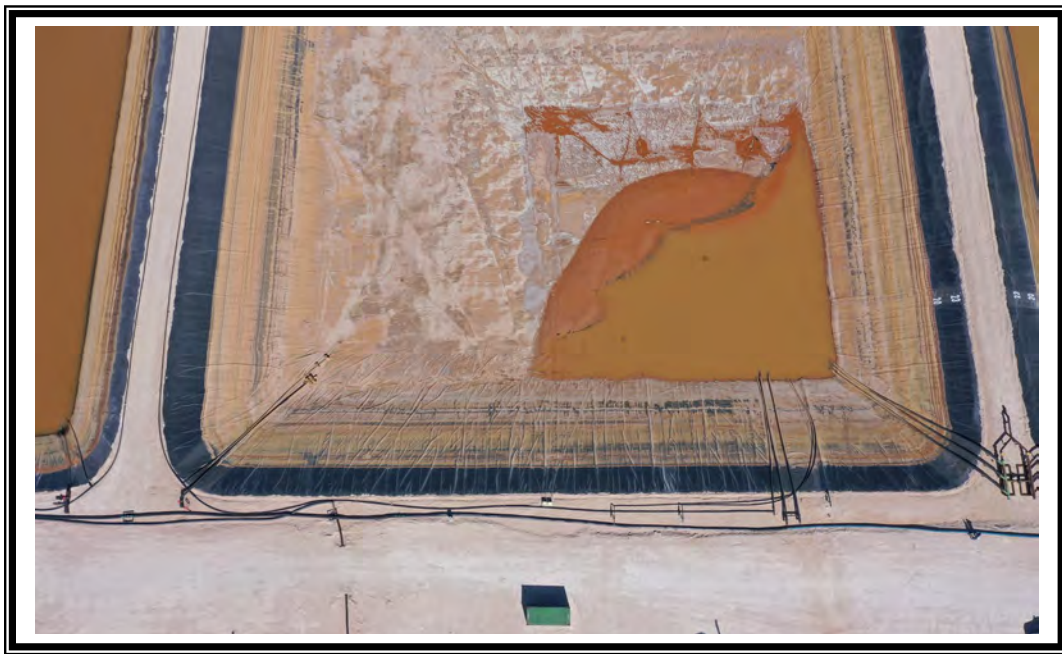
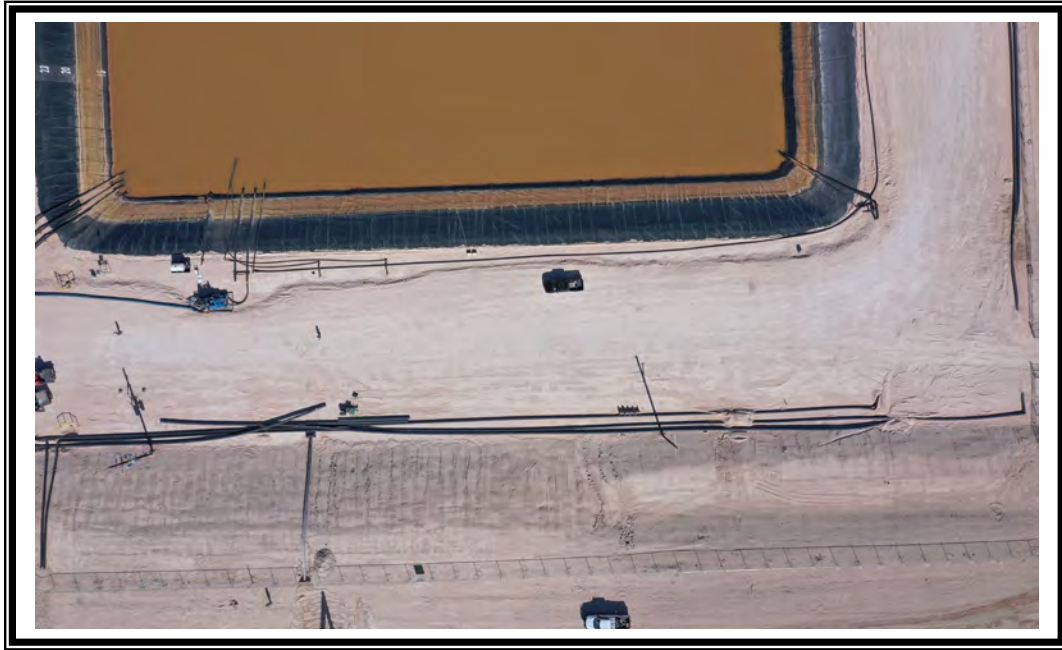


OXY – CORRAL FLY GUNBARREL AND AST FACILITY (12/2/18)





OXY – CORRAL FLY GUNBARREL AND AST FACILITY (12/2/18)



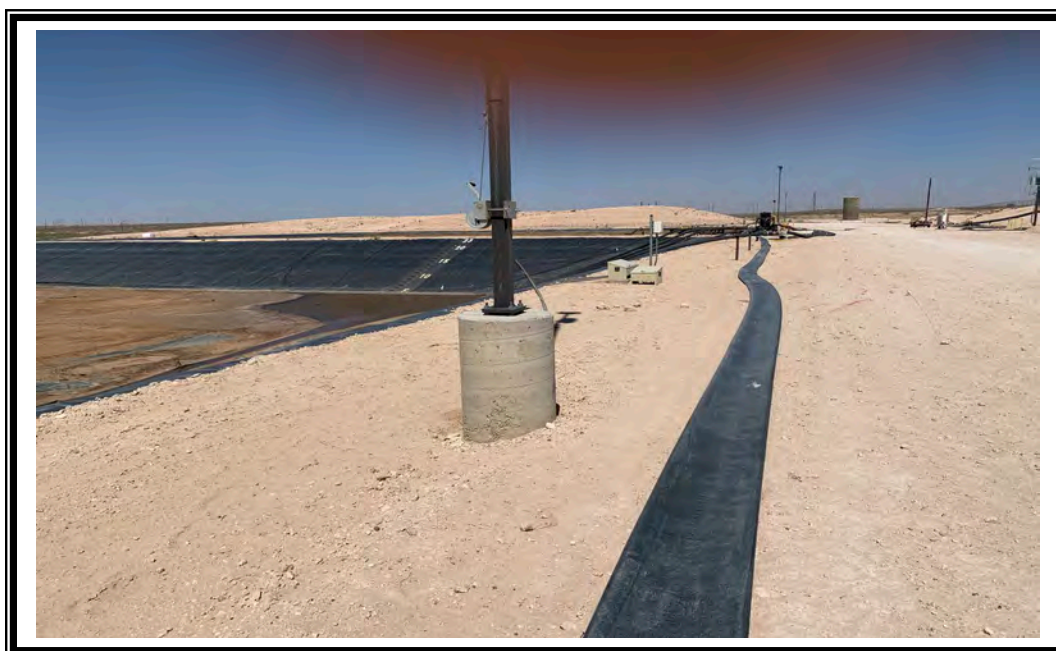


OXY – CORRAL FLY GUNBARREL AND AST FACILITY (12/2/18)



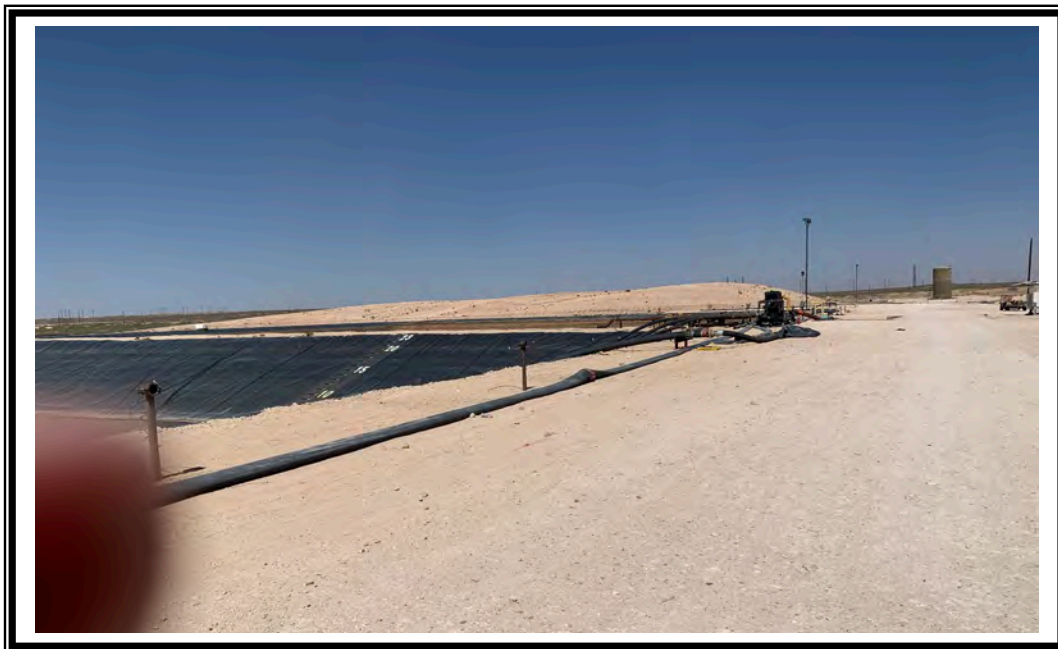


OXY – CORRAL FLY GUNBARREL AND AST FACILITY (12/2/18)



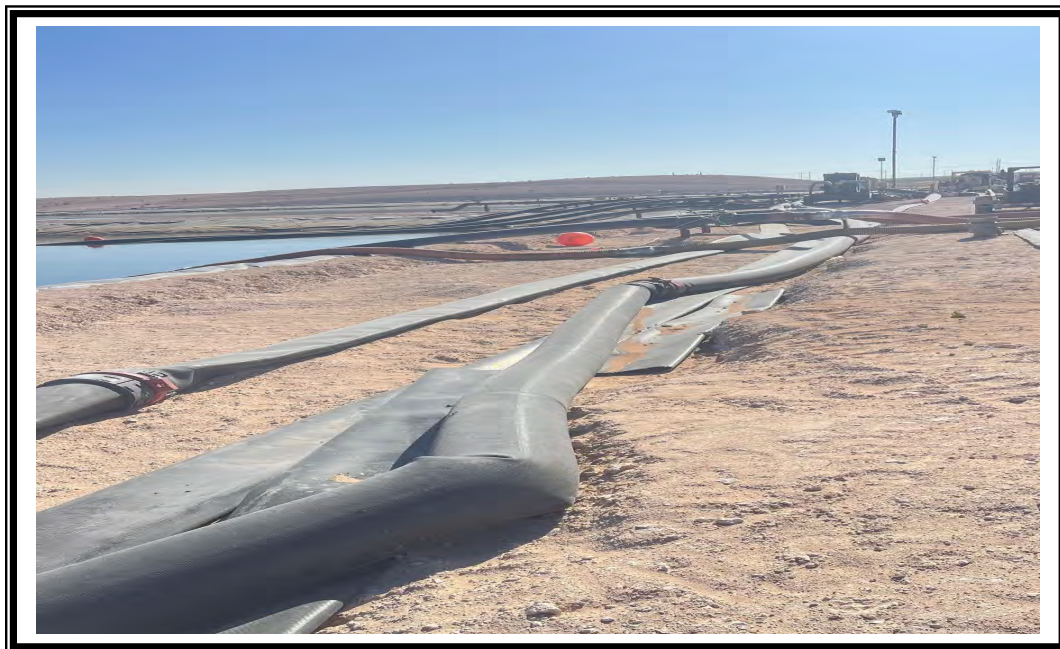


OXY – CORRAL FLY GUNBARREL AND AST FACILITY (12/2/18)





OXY – CORRAL FLY GUNBARREL AND AST FACILITY (12/2/18)





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

May 21, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CORRAL FLY GUNBARREL & AST FACILITY (12/2/18)

Enclosed are the results of analyses for samples received by the laboratory on 05/15/24 16:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILITY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H242702-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	0.289	
Toluene*	<0.050	0.050	05/17/2024	ND	2.00	100	2.00	0.177	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	1.95	97.5	2.00	0.245	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.17	103	6.00	0.562	
Total BTEX	<0.300	0.300	05/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	160	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 2 @ 1' (H242702-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	0.289		
Toluene*	<0.050	0.050	05/17/2024	ND	2.00	100	2.00	0.177		
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	1.95	97.5	2.00	0.245		
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.17	103	6.00	0.562		
Total BTEx	<0.300	0.300	05/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	256	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H242702-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	0.289		
Toluene*	<0.050	0.050	05/17/2024	ND	2.00	100	2.00	0.177		
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	1.95	97.5	2.00	0.245		
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.17	103	6.00	0.562		
Total BTEx	<0.300	0.300	05/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	288	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

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Analytical Results For:

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

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H242702-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	0.289	
Toluene*	<0.050	0.050	05/17/2024	ND	2.00	100	2.00	0.177	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	1.95	97.5	2.00	0.245	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.17	103	6.00	0.562	
Total BTEX	<0.300	0.300	05/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	336	16.0	05/17/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.4 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H242702-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	0.289		
Toluene*	<0.050	0.050	05/17/2024	ND	2.00	100	2.00	0.177		
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	1.95	97.5	2.00	0.245		
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.17	103	6.00	0.562		
Total BTEX	<0.300	0.300	05/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	272	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10		
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77		
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND						

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Analytical Results For:

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Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 6 @ 1' (H242702-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	0.289		
Toluene*	<0.050	0.050	05/17/2024	ND	2.00	100	2.00	0.177		
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	1.95	97.5	2.00	0.245		
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.17	103	6.00	0.562		
Total BTEX	<0.300	0.300	05/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	336	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Analytical Results For:

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Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 7 @ 1' (H242702-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	0.289	
Toluene*	<0.050	0.050	05/17/2024	ND	2.00	100	2.00	0.177	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	1.95	97.5	2.00	0.245	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.17	103	6.00	0.562	
Total BTEX	<0.300	0.300	05/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	304	16.0	05/17/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Analytical Results For:

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Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 8 @ 1' (H242702-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	0.289		
Toluene*	<0.050	0.050	05/17/2024	ND	2.00	100	2.00	0.177		
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	1.95	97.5	2.00	0.245		
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.17	103	6.00	0.562		
Total BTEX	<0.300	0.300	05/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 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	320	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10		
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77		
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND						

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Analytical Results For:

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Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 9 @ 1' (H242702-09)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	QR-03
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	QR-03
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	QR-03
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	QM-07, QR-03
Total BTEX	<0.300	0.300	05/17/2024	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	288	16.0	05/17/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Analytical Results For:

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Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 10 @ 1' (H242702-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99		
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62		
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6		
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7		
Total BTEx	<0.300	0.300	05/17/2024	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	208	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H242702-11)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEx	<0.300	0.300	05/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	208	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

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Analytical Results For:

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

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H242702-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99		
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62		
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6		
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7		
Total BTEX	<0.300	0.300	05/17/2024	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	224	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10		
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77		
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND						

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 49.1-148

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Analytical Results For:

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

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 13 @ 1' (H242702-13)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTX	<0.300	0.300	05/17/2024	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	272	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 14 @ 1' (H242702-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEx	<0.300	0.300	05/17/2024	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	272	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 15 @ 1' (H242702-15)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEx	<0.300	0.300	05/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	240	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Analytical Results For:

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Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 16 @ 1' (H242702-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99		
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62		
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6		
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7		
Total BTEX	<0.300	0.300	05/17/2024	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	240	16.0	05/17/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10		
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77		
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND						

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

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

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 17 @ 1' (H242702-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTX	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	05/17/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/17/2024	ND	182	91.2	200	2.10	
DRO >C10-C28*	<10.0	10.0	05/17/2024	ND	182	91.2	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/17/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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Analytical Results For:

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

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 18 @ 1' (H242702-18)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEx	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/17/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 19 @ 1' (H242702-19)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEx	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/17/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILITY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 20 @ 1' (H242702-20)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTX	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/17/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 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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 Fax To: (575) 397-0397

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 21 @ 1' (H242702-21)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEx	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/17/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 22 @ 1' (H242702-22)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEx	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/17/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 23 @ 1' (H242702-23)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEX	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/17/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 24 @ 1' (H242702-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEx	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/17/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 25 @ 1' (H242702-25)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEx	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	05/17/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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 Fax To: (575) 397-0397

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 26 @ 1' (H242702-26)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEx	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	05/17/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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 Fax To: (575) 397-0397

Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 27 @ 1' (H242702-27)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTEX	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/17/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Received:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 28 @ 1' (H242702-28)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.01	101	2.00	4.99	
Toluene*	<0.050	0.050	05/17/2024	ND	1.98	99.2	2.00	8.62	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.01	100	2.00	10.6	
Total Xylenes*	<0.150	0.150	05/17/2024	ND	6.57	110	6.00	11.7	
Total BTX	<0.300	0.300	05/17/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/17/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 29 @ 1' (H242702-29)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/17/2024	ND	2.20	110	2.00	10.3	
Toluene*	<0.050	0.050	05/17/2024	ND	2.29	114	2.00	12.2	
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.36	118	2.00	14.2	QR-03
Total Xylenes*	<0.150	0.150	05/17/2024	ND	7.30	122	6.00	14.8	QR-03
Total BTX	<0.300	0.300	05/17/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/17/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 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:	05/15/2024	Sampling Date:	05/10/2024
Reported:	05/21/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 30 @ 1' (H242702-30)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/17/2024	ND	2.20	110	2.00	10.3		
Toluene*	<0.050	0.050	05/17/2024	ND	2.29	114	2.00	12.2		
Ethylbenzene*	<0.050	0.050	05/17/2024	ND	2.36	118	2.00	14.2		
Total Xylenes*	<0.150	0.150	05/17/2024	ND	7.30	122	6.00	14.8		
Total BTEX	<0.300	0.300	05/17/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	05/17/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/16/2024	ND	175	87.6	200	1.26	
DRO >C10-C28*	<10.0	10.0	05/16/2024	ND	183	91.7	200	2.69	
EXT DRO >C28-C36	<10.0	10.0	05/16/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 3

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

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: CORRAL FLY GUN BARREL & AST FACILITY (12/2/18)

Project Location: New Mexico

Sampler Name: SIMON RENDON

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D. Sample I.D.

H42702

1	BOTTOM SAMPLE 1@1'
2	BOTTOM SAMPLE 2@1'
3	BOTTOM SAMPLE 3@1'
4	BOTTOM SAMPLE 4@1'
5	BOTTOM SAMPLE 5@1'
6	BOTTOM SAMPLE 6@1'
7	BOTTOM SAMPLE 7@1'
8	BOTTOM SAMPLE 8@1'
9	BOTTOM SAMPLE 9@1'
10	BOTTOM SAMPLE 10@1'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

5/10/24 9:10AM

5/10/24 9:22AM

5/10/24 9:30AM

5/10/24 9:42AM

5/10/24 9:51AM

5/10/24 10:03AM

5/10/24 10:15AM

5/10/24 10:26AM

5/10/24 10:36AM

5/10/24 10:47AM

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✓

Chloride
BTEX
TPHEXT

Relinquished By:

Signature

Date: 5-15-24

Time: 8:00am

Received By:

Signature

Date: 5-15-24

Time: 10:40

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: -1.9c

Sample Condition
Cool ☒ Intact ☒
Yes ☒ No ☐
Checked By: (Initials) *AS*

REMARKS:
Phone Result: ☐ Yes ☐ No
Fax Result: ☐ Yes ☐ No
Add'l Phone #:
Add'l Fax #:
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



CARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

243

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

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: CORRAL FLY GUN BARREL & AST FACILITY (12/2/18)

Project Location: New Mexico

Sampler Name: SIMON RENDON

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

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(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

5/10/24

11:02AM

5/10/24

11:14AM

5/10/24

11:26AM

5/10/24

11:41AM

5/10/24

11:51AM

5/10/24

12:06PM

5/10/24

12:45PM

5/10/24

12:56PM

5/10/24

1:08PM

5/10/24

1:19PM

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1:19PM

Chloride
BTEX
TPHEXT

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Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

Relinquished By:

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

REMARKS:

Sample Condition
Cool Intact ☐ Yes ☐ No
Checked By: (Initials)

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ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

345

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST									
Project Manager: Cliff Brunson		P.O. #:											
Address: P.O. Box 805		Company: Oxy											
City: Hobbs		Attn:											
Phone #: 575-397-6388		Address:											
Fax #: 575-397-0397		City:											
Project #:		State: NM											
Project Name: CORRAL FLY GUN BARREL & AST FACILITY (12/2/18)		Zip: 88241											
Project Location: New Mexico		Phone #:											
Sampler Name: SIMON RENDON		Fax #:											
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING	
81		BOTTOM SAMPLE 21@1'											
82		BOTTOM SAMPLE 22@1'											
83		BOTTOM SAMPLE 23@1'											
84		BOTTOM SAMPLE 24@1'											
85		BOTTOM SAMPLE 25@1'											
86		BOTTOM SAMPLE 26@1'											
87		BOTTOM SAMPLE 27@1'											
88		BOTTOM SAMPLE 28@1'											
89		BOTTOM SAMPLE 29@1'											
90		BOTTOM SAMPLE 30@1'											
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Relinquished By:		Date: 5-15-24		Received By:		Date: 5-15-24		Time: 6:00 PM		Time: 7:40 PM		Time: 1:40 PM	
Relinquished By:				Received By:									
Delivered By: (Circle One)				Sample Condition:		Cool Intact:		Checked By:		Checked By:		Checked By:	
Sampler - UPS - Bus - Other:				Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>	
REMARKS:													

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



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

May 29, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CORRAL FLY GUNBARREL & AST FACILITY (12/2/18)

Enclosed are the results of analyses for samples received by the laboratory on 05/22/24 15:39.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILITY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 31 @ 1' (H242851-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	6.44	
Toluene*	<0.050	0.050	05/24/2024	ND	1.85	92.4	2.00	6.10	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.90	94.9	2.00	5.77	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.46	91.0	6.00	5.49	
Total BTEX	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	204	102	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	216	108	200	0.418	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 32 @ 1' (H242851-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	6.44		
Toluene*	<0.050	0.050	05/24/2024	ND	1.85	92.4	2.00	6.10		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.90	94.9	2.00	5.77		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.46	91.0	6.00	5.49		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	204	102	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	216	108	200	0.418	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 33 @ 1' (H242851-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	6.44	
Toluene*	<0.050	0.050	05/24/2024	ND	1.85	92.4	2.00	6.10	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.90	94.9	2.00	5.77	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.46	91.0	6.00	5.49	
Total BTEX	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/24/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	204	102	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	216	108	200	0.418	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 103 % 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:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 34 @ 1' (H242851-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	6.44		
Toluene*	<0.050	0.050	05/24/2024	ND	1.85	92.4	2.00	6.10		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.90	94.9	2.00	5.77		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.46	91.0	6.00	5.49		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	204	102	200	0.386		
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	216	108	200	0.418		
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND						

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 35 @ 1' (H242851-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	6.44		
Toluene*	<0.050	0.050	05/24/2024	ND	1.85	92.4	2.00	6.10		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.90	94.9	2.00	5.77		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.46	91.0	6.00	5.49		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	204	102	200	0.386	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	216	108	200	0.418	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 36 @ 1' (H242851-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	6.44		
Toluene*	<0.050	0.050	05/24/2024	ND	1.85	92.4	2.00	6.10		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.90	94.9	2.00	5.77		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.46	91.0	6.00	5.49		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	204	102	200	0.386		
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	216	108	200	0.418		
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND						

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 37 @ 1' (H242851-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	6.44		
Toluene*	<0.050	0.050	05/24/2024	ND	1.85	92.4	2.00	6.10		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.90	94.9	2.00	5.77		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.46	91.0	6.00	5.49		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320		
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77		
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND						

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 38 @ 1' (H242851-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.84	92.1	2.00	6.44		
Toluene*	<0.050	0.050	05/24/2024	ND	1.85	92.4	2.00	6.10		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	1.90	94.9	2.00	5.77		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	5.46	91.0	6.00	5.49		
Total BTEX	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 111 % 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:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 39 @ 1' (H242851-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01		
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17		
Total BTEX	<0.300	0.300	05/24/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 40 @ 1' (H242851-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01		
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17		
Total BTEX	<0.300	0.300	05/24/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 41 @ 1' (H242851-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01		
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17		
Total BTEx	<0.300	0.300	05/24/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 42 @ 1' (H242851-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01		
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17		
Total BTEX	<0.300	0.300	05/24/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 43 @ 1' (H242851-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01		
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17		
Total BTEX	<0.300	0.300	05/24/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 44 @ 1' (H242851-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01		
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17		
Total BTEX	<0.300	0.300	05/24/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 45 @ 1' (H242851-15)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01	
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17	
Total BTEX	<0.300	0.300	05/24/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/24/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.1 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 46 @ 1' (H242851-16)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01	
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17	
Total BTEX	<0.300	0.300	05/24/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/24/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Analytical Results For:

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

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 1 (H242851-17)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01	
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17	
Total BTX	<0.300	0.300	05/24/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/24/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 2 (H242851-18)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01		
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17		
Total BTEx	<0.300	0.300	05/24/2024	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	48.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 3 (H242851-19)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01		
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17		
Total BTEx	<0.300	0.300	05/24/2024	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	48.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 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:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 4 (H242851-20)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01	
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17	
Total BTX	<0.300	0.300	05/24/2024	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	48.0	16.0	05/24/2024	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 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:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 5 (H242851-21)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01		
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17		
Total BTEx	<0.300	0.300	05/24/2024	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	64.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 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:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 6 (H242851-22)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01		
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17		
Total BTEx	<0.300	0.300	05/24/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	48.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 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:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 7 (H242851-23)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01	
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96	
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14	
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17	
Total BTX	<0.300	0.300	05/24/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	64.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 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:	05/22/2024	Sampling Date:	05/21/2024
Reported:	05/29/2024	Sampling Type:	Soil
Project Name:	CORRAL FLY GUNBARREL & AST FACILIT	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Alyssa Parras
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 8 (H242851-24)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/24/2024	ND	1.94	97.2	2.00	6.01		
Toluene*	<0.050	0.050	05/24/2024	ND	2.09	104	2.00	3.96		
Ethylbenzene*	<0.050	0.050	05/24/2024	ND	2.07	104	2.00	2.14		
Total Xylenes*	<0.150	0.150	05/24/2024	ND	6.50	108	6.00	2.17		
Total BTEx	<0.300	0.300	05/24/2024	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	64.0	16.0	05/24/2024	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/23/2024	ND	197	98.5	200	0.0320	
DRO >C10-C28*	<10.0	10.0	05/23/2024	ND	200	100	200	1.77	
EXT DRO >C28-C36	<10.0	10.0	05/23/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: Project Name: CORRAL FLY GUN BARREL & AST FACILITY (12/2/18) Project Location: New Mexico Sampler Name: SIMON RENDON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:																																																																																																																																							
BILL TO				ANALYSIS REQUEST																																																																																																																																							
FOR LAB USE ONLY Lab I.D. Sample I.D. <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> BOTTOM SAMPLE 31@1' BOTTOM SAMPLE 32@1' BOTTOM SAMPLE 33@1' BOTTOM SAMPLE 34@1' BOTTOM SAMPLE 35@1' BOTTOM SAMPLE 36@1' BOTTOM SAMPLE 37@1' BOTTOM SAMPLE 38@1' BOTTOM SAMPLE 39@1' BOTTOM SAMPLE 40@1' </div> <div style="width: 45%;"> (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : </div> </div>				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>TIME</th> <th>Chloride</th> <th>BTEX</th> <th>TPH</th> <th>EXT</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr><td>5/21/24</td><td>9:10AM</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5/21/24</td><td>9:22am</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5/21/24</td><td>9:31AM</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5/21/24</td><td>9:44AM</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5/21/24</td><td>9:54AM</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5/21/24</td><td>10:12AM</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5/21/24</td><td>10:25AM</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5/21/24</td><td>10:38AM</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5/21/24</td><td>10:47AM</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5/21/24</td><td>11:03AM</td><td>✓</td><td>✓</td><td>✓</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>				DATE	TIME	Chloride	BTEX	TPH	EXT							5/21/24	9:10AM	✓	✓	✓								5/21/24	9:22am	✓	✓	✓								5/21/24	9:31AM	✓	✓	✓								5/21/24	9:44AM	✓	✓	✓								5/21/24	9:54AM	✓	✓	✓								5/21/24	10:12AM	✓	✓	✓								5/21/24	10:25AM	✓	✓	✓								5/21/24	10:38AM	✓	✓	✓								5/21/24	10:47AM	✓	✓	✓								5/21/24	11:03AM	✓	✓	✓							
DATE	TIME	Chloride	BTEX	TPH	EXT																																																																																																																																						
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Relinquished By: <i>[Signature]</i> Date: 5-22-24 Relinquished By: <i>[Signature]</i> Date: 5-22-24 Received By: <i>[Signature]</i> Date: 5-22-24 Time: 8:00 AM Time: 8:22 AM Time: 1:59 PM Time: 1:40 PM				Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: <i>[Signature]</i> (Initials) <i>AP</i> REMARKS:																																																																																																																																							



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST							
Project Manager: Cliff Brunson		P.O. #:									
Address: P.O. Box 805		Company: Oxy									
City: Hobbs		Attn:									
Phone #: 575-397-6388		Address:									
Fax #: 575-397-0397		City:									
Project #:		State:									
Project Name: CORRAL FLY GUN BARREL & AST FACILITY (12/2/18)		Zip:									
Project Location: New Mexico		Phone #:									
Sampler Name: SIMON RENDON		Fax #:									
<small>FOR LAB USE ONLY</small>											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BTEX	TPH EXT
11	BOTTOM SAMPLE 41@1'						5/21/24	11:17AM	✓	✓	✓
12	BOTTOM SAMPLE 42@1'						5/21/24	11:33AM	✓	✓	✓
13	BOTTOM SAMPLE 43@1'						5/21/24	11:45AM	✓	✓	✓
14	BOTTOM SAMPLE 44@1'						5/21/24	11:56AM	✓	✓	✓
15	BOTTOM SAMPLE 45@1'						5/21/24	12:45PM	✓	✓	✓
	BOTTOM SAMPLE 46@1'						5/21/24	12:56PM	✓	✓	✓
<small>PLEASE NOTE: Liability and Damages: Cardinal's liability and clients' exclusive remedy for any claim arising out of this contract or test 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 interruption, 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.</small>											
Relinquished By:		Date: 5-21-24		Received By:		Date: 5-21-24		Time: 8:00 AM		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
Relinquished By:		Date: 5-21-24		Received By:		Date: 5-21-24		Time: 1:53 PM		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:	
Delivered By: (Circle One) <u>2-4-2</u>		Sample Condition		CHECKED BY:		REMARKS:					
Sampler - UPS - Bus - Other: <u>140</u>		<input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Pres <input type="checkbox"/> No		Initials: <u>apw</u>							

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



ARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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State of New Mexico
Energy, Minerals and Natural Resources
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QUESTIONS

Action 367580

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	367580
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAB1901157134
Incident Name	NAB1901157134 CORRAL FLY GUNBARREL & AST FACILITY @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAB1901156718] CORRAL FLY GUNBARREL & AST FACILITY

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CORRAL FLY GUNBARREL & AST FACILITY
Date Release Discovered	12/02/2018
Surface Owner	State

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 Other (Specify) Produced Water Released: 20 BBL Recovered: 0 BBL Lost: 20 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 367580

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	367580
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

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

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QUESTIONS, Page 3

Action 367580

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	367580
	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 ½ and 1 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between ½ and 1 (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
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride	(EPA 300.0 or SM4500 Cl B)	336
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	0.5
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	04/22/2024
On what date will (or did) the final sampling or liner inspection occur	05/10/2024
On what date will (or was) the remediation complete(d)	05/20/2024
What is the estimated surface area (in square feet) that will be reclaimed	9073
What is the estimated volume (in cubic yards) that will be reclaimed	276
What is the estimated surface area (in square feet) that will be remediated	9073
What is the estimated volume (in cubic yards) that will be remediated	276

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 367580

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367580
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 07/26/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 367580

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	367580
	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 367580

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	367580
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	341788
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	05/13/2024
What was the (estimated) number of samples that were to be gathered	54
What was the sampling surface area in square feet	9073

Remediation Closure Request

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	9073
What was the total volume (cubic yards) remediated	276
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	9073
What was the total volume (in cubic yards) reclaimed	276
Summarize any additional remediation activities not included by answers (above)	OXY excavated the spill area as depicted on the following site diagram. The entire leak area (BLUE shade on diagram) was excavated to a depth of 1 foot. Bottom and sidewall confirmation samples were collected at no greater than 200 ft.

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

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

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

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QUESTIONS, Page 7

Action 367580

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 367580
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 367580

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	367580
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Remediation closure approved	7/29/2024
amaxwell	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	7/29/2024
amaxwell	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	7/29/2024