

Closure Report

INCIDENT ID#nAPP2432738668

Site Description

Site Name:	SUNDANCE 4-32 SWD
Company:	Oxy USA, Inc.
Legal Description:	U/L D, Section 4, T24S, R31E
County:	Eddy County, NM
GPS Coordinates:	N 32.25158,W-103.79011

Release Data

Date of Release:	11/22/2024
Type of Release:	PRODUCED OIL
Source of Release:	Water Transfer Pump
Volume of Release:	OIL 200BBLS
Volume Recovered:	OIL 0BBLS

Remediation Specifications

Remediation Parameters:	<p>OXY excavated the spill area as depicted on the following site diagrams. The entire leak area (YELLOW shade on diagram) was excavated to a depth of 1' foot OXY collected bottom and sidewall confirmation samples every 200 square feet.</p>	
Remediation Activities:	12/31/24 -4/7/25	

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

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for 2/27/25,2/28/25,03/03/25,03/04/25,3/10/25,3/26/25	
Notifications	2/25/2025	

Request for Closure

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





Cliff Brunson, President of BBC International Inc.

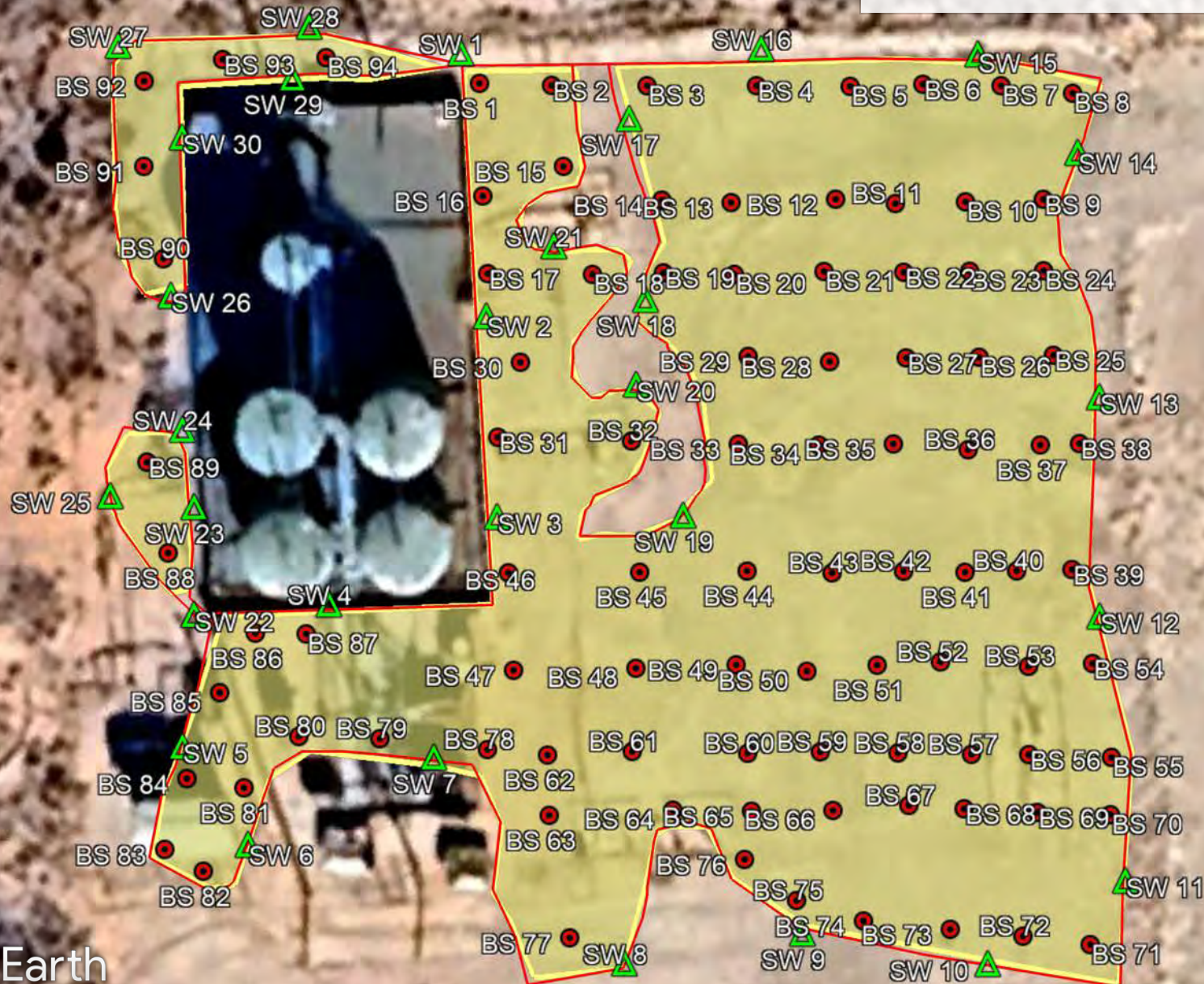
4/24/2025

OXY, SUNDANCE 4-32 SWD DISP FAC

LEAK DATE :11/22/24
EDDY COUNTY, NM
ID#nAPP2432738668

Legend

-  1' EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  Leak Area
-  SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

100 ft

OXY, SUNDANCE 4-32 SWD (11/22/24) SAMPLING DATES 2/27/25 TO 03/4/25

BOTTOM CONFIRMATION SAMPLES POINTS @ 1'

BS 1	N 32.252107	W-103.790132
BS 2	N 32.252106	W-103.790091
BS 3	N 32.252106	W-103.790036
BS 4	N 32.252106	W-103.789972
BS 5	N 32.252106	W-103.789918
BS 6	N 32.252107	W-103.789877
BS 7	N 32.252106	W-103.789831
BS 8	N 32.252103	W-103.789790
BS 9	N 32.252051	W-103.789807
BS 10	N 32.252049	W-103.789852
BS 11	N 32.252049	W-103.789892
BS 12	N 32.252049	W-103.789940
BS 13	N 32.252049	W-103.789987
BS 14	N 32.252051	W-103.790027
BS 15	N 32.252067	W-103.790084
BS 16	N 32.252052	W-103.790130
BS 17	N 32.252014	W-103.790127
BS 18	N 32.252014	W-103.790067
BS 19	N 32.252015	W-103.790026
BS 20	N 32.252014	W-103.789985
BS 21	N 32.252014	W-103.789932
BS 22	N 32.252015	W-103.789888
BS 23	N 32.252016	W-103.789849
BS 24	N 32.252016	W-103.789807
BS 25	N 32.251975	W-103.789801
BS 26	N 32.251974	W-103.789844
BS 27	N 32.251973	W-103.789886
BS 28	N 32.251972	W-103.789930
BS 29	N 32.251971	W-103.789981
BS 30	N 32.251978	W-103.790016
BS 31	N 32.251976	W-103.790090
BS 32	N 32.251977	W-103.790129
BS 33	N 32.251931	W-103.789978
BS 34	N 32.251931	W-103.789930
BS 35	N 32.251931	W-103.789886
BS 36	N 32.251931	W-103.789842
BS 37	N 32.251931	W-103.789801
BS 38	N 32.251932	W-103.789786
BS 39	N 32.251870	W-103.789796

BS 40	N 32.251870	W-103.789822
BS 41	N 32.251869	W-103.789852
BS 42	N 32.251869	W-103.789888
BS 43	N 32.251869	W-103.789929
BS 44	N 32.251869	W-103.789978
BS 45	N 32.251869	W-103.790040
BS 46	N 32.251869	W-103.790116
BS 47	N 32.251821	W-103.790113
BS 48	N 32.251822	W-103.790042
BS 49	N 32.251822	W-103.789979
BS 50	N 32.251823	W-103.789930
BS 51	N 32.251822	W-103.789888
BS 52	N 32.251822	W-103.789849
BS 53	N 32.251823	W-103.789816
BS 54	N 32.251824	W-103.789779
BS 55	N 32.251779	W-103.789768
BS 56	N 32.251780	W-103.789816
BS 57	N 32.251780	W-103.789849
BS 58	N 32.251780	W-103.789886
BS 59	N 32.251780	W-103.789929
BS 60	N 32.251780	W-103.789977
BS 61	N 32.251781	W-103.790044
BS 62	N 32.251777	W-103.790117
BS 63	N 32.251747	W-103.790113
BS 64	N 32.251752	W-103.790021
BS 65	N 32.251752	W-103.789975
BS 66	N 32.251752	W-103.789928
BS 67	N 32.251749	W-103.789881
BS 68	N 32.251749	W-103.789846
BS 69	N 32.251752	W-103.789811
BS 70	N 32.251751	W-103.789769
BS 71	N 32.251688	W-103.789780
BS 72	N 32.251691	W-103.789828
BS 73	N 32.251702	W-103.789862
BS 74	N 32.251698	W-103.789910
BS 75	N 32.251708	W-103.789949
BS 76	N 32.251728	W-103.789979
BS 77	N 32.251690	W-103.790080
BS 78	N 32.251782	W-103.790128
BS 79	N 32.251788	W-103.790189
BS 80	N 32.251790	W-103.790235
BS 81	N 32.251765	W-103.790266
BS 82	N 32.251725	W-103.790290
BS 83	N 32.251736	W-103.790311

BS 84	N 32.251770	W-103.790299
BS 85	N 32.251811	W-103.790280
BS 86	N 32.251840	W-103.790260
BS 87	N 32.251841	W-103.790234
BS 88	N 32.251812	W-103.790234
BS 89	N 32.251884	W-103.790313
BS 90	N 32.252021	W-103.790312
BS 91	N 32.252066	W-103.790324
BS 92	N 32.252108	W-103.790325
BS 93	N 32.252118	W-103.790280
BS 94	N 32.252119	W-103.790220

SIDEWALL CONFIRMATION SAMPLE POINTS @ 1'

SW 1	N 32.252121	W-103.790143
SW 2	N 32.251993	W-103.790129
SW 3	N 32.251895	W-103.790122
SW 4	N 32.251853	W-103.790218
SW 5	N 32.251785	W-103.790302
SW 6	N 32.251737	W-103.790265
SW 7	N 32.251778	W-103.790159
SW 8	N 32.251677	W-103.790049
SW 9	N 32.251692	W-103.789946
SW 10	N 32.251678	W-103.789840
SW 11	N 32.251718	W-103.789761
SW 12	N 32.251847	W-103.789775
SW 13	N 32.251954	W-103.789775
SW 14	N 32.252073	W-103.789787
SW 15	N 32.252121	W-103.789845
SW 16	N 32.252124	W-103.789970
SW 17	N 32.252090	W-103.790046
SW 18	N 32.252001	W-103.790037
SW 19	N 32.251896	W-103.790015
SW 20	N 32.251960	W-103.790042
SW 21	N 32.252027	W-103.790090
SW 22	N 32.251848	W-103.790295
SW 23	N 32.251901	W-103.790295
SW 24	N 32.251938	W-103.790302
SW 25	N 32.251906	W-103.790343
SW 26	N 32.252003	W-103.790309
SW 27	N 32.252125	W-103.790340
SW 28	N 32.252134	W-103.790231
SW 29	N 32.252109	W-103.790240
SW 30	N 32.252080	W-103.790303

	Sample ID	BS 1@1'	BS 2@1'	BS 3@1'	BS 4@1'	BS 5@1'	BS 6@1'	BS 7@1'	BS 8@1'	BS 9@1'	BS 10@1'	BS 11@1'	BS 12@1'	BS 13@1'	BS 14@1'	BS 15@1'	BS 16@1'	BS 17@1'	BS 18@1'
Analyte	Date	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		144.0	112.0	144.0	128.0	112.0	144.0	96.0	144.0	112.0	112.0	112.0	128.0	96.0	112.0	144.0	160.0	144.0	128.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		22.8	17.5	25.5	23.7	21.4	25.1	17.3	32.2	27.4	17.2	18.2	24	26.9	20.9	31.9	21.9	36.5	42.3
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 19@1'	BS 20@1'	BS 21@1'	BS 22@1'	BS 23@1'	BS 24@1'	BS 25@1'	BS 26@1'	BS 27@1'	BS 28@1'	BS 29@1'	BS 30@1'	BS 31@1'	BS 32@1'	BS 33@1'	BS 34@1'	BS 35@1'	BS 36@1'
Analyte	Date	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25	2/27/25
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		144.0	112.0	80.0	128.0	112.0	112.0	96.0	96.0	96.0	96.0	112.0	112.0	96.0	144.0	96.0	64.0	128.0	96.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		34.4	40.6	42.4	33.5	30.9	37.3	18.3	32.8	33.6	36.5	21.5	32.9	24.5	36.9	34.4	22.1	25.3	32.2
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 37@1'	BS 38@1'	BS 39@1'	BS 40@1'	BS 41@1'	BS 42@1'	BS 43@1'	BS 43 A@2'	BS 44@1'	BS 45@1'	BS 46@1'	BS 47@1'	BS 48@1'	BS 49@1'	BS 50@1'	BS 51@1'	BS 52@1'	BS 53@1'
Analyte	Date	2/27/25	2/27/25	2/27/25	2/27/25	2/28/25	2/28/25	2/28/25	3/14/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		96.0	96.0	160.0	96.0	160.0	160.0	128.0	48.0	128.0	112.0	144.0	176.0	160.0	192.0	128.0	160.0	80.0	144.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		28	25.5	87.3	15.3	46.4	32.3	93.8	<10.0	12.7	11.5	23.7	30.8	13.1	26.5	14.2	37.2	10.7	14
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 54 @1'	BS 55 @1'	BS 56 @1'	BS 57 @1'	BS 58 @1'	BS 59 @1'	BS 60 @1'	BS 61 @1'	BS 62 @1'	BS 63 @1'	BS 64 @1'	BS 65 @1'	BS 66 @1'	BS 67 @1'	BS 68 @1'	BS 69 @1'	BS 70 @1'	BS71 @1'
Analyte	Date	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		160.0	144.0	128.0	144.0	128.0	160.0	128.0	144.0	96.0	144.0	112.0	208.0	144.0	192.0	96.0	192.0	128.0	144.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		18.7	28.7	25.4	25.4	21.3	34.6	20.8	21.1	14	18.5	14.1	25.9	25.8	21.6	16.3	25.1	16.8	23.9
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 72 @1'	BS 73 @1'	BS 74 @1'	BS 75 @1'	BS 76 @1'	BS 77 @1'	BS 78 @1'	BS 79 @1'	BS 80 @1'	BS 81 @1'	BS 82 @1'	BS 83 @1'	BS 84 @1'	BS 85 @1'	BS86 @1'	BS87 @1'	BS88 @1'	BS 89 @1'
Analyte	Date	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	2/28/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		128.0	144.0	144.0	144.0	160.0	160.0	112.0	144.0	96.0	208.0	160.0	128.0	144.0	160.0	160.0	160.0	144.0	112.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		17.8	13.7	28.1	11.8	20.5	52.9	<10.0	10.7	12	17.2	24.5	15.5	17.7	12.6	11.2	15.9	27	15.6
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	19.4	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS90 @1'	BS91 @1'	BS92 @1'	BS93 @1'	BS94 @1'
Analyte	Date	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		144.0	144.0	96.0	144.0	112.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0
DRO		18.5	16.2	21	13.8	12.52
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14	SW 15	SW 16	SW 17	SW 18	
Analyte	Date	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		144.0	112.0	112.0	112.0	112.0	80.0	128.0	128.0	112.0	144.0	128.0	144.0	128.0	112.0	112.0	112.0	112.0	112.0	128.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		10.2	19.5	<10.0	13.2	14.2	13.6	15.1	37.9	14.4	24.3	19.1	21.1	13.5	<10.0	19.5	18.2	14.6	19.5	
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 19	SW 20	SW 21	SW 22	SW 23	SW 24	SW 25	SW 26	SW 27	SW 28	SW 29	SW 30
Analyte	Date	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25	3/3/25
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		128.0	112.0	128.0	112.0	96.0	144.0	96.0	80.0	112.0	128.0	80.0	128.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		19.5	16.9	10.5	17.7	<10.0	13.1	11.8	13.8	21.2	12.6	22.2	11.4
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

National Flood Hazard Layer FIRMette



103°47'43"W 32°15'21"N



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i> 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 <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>

OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>
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
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature

MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



1:6,000

103°47'6"W 32°14'51"N

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 **11/22/2024 at 6:44 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, SUNDANCE 4-32 SWD DISP FAC

LEAK DATE : 11/22/2024

Legend

-  High
-  Leka Area
-  Low
-  Medium

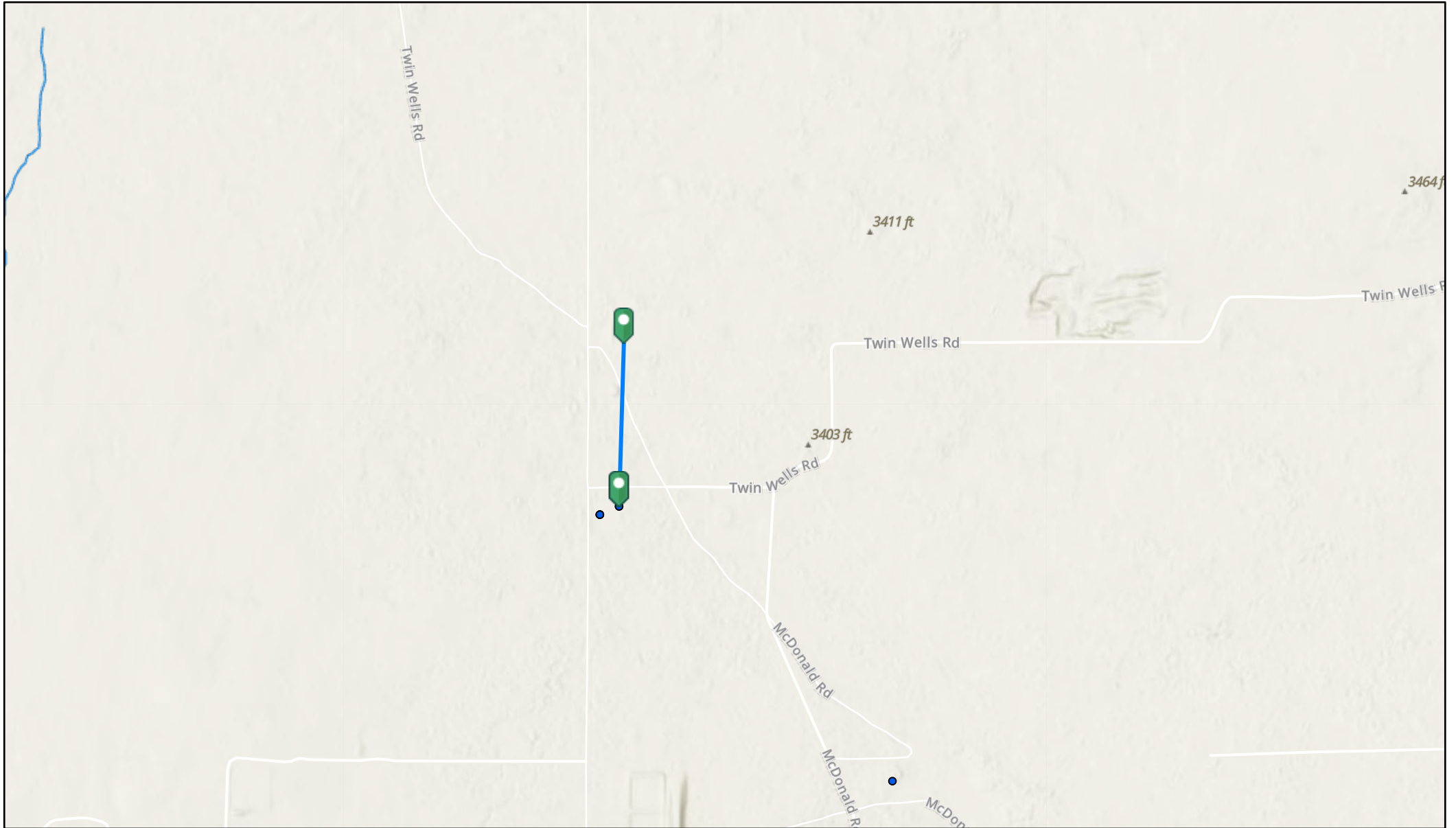


Twin Wells Rd

Google Earth

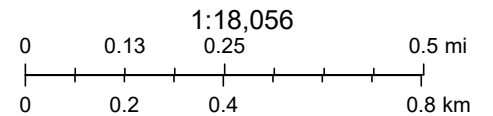


OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24) 0.3 MILES OR 1,565.4 FEET TO WATER POD



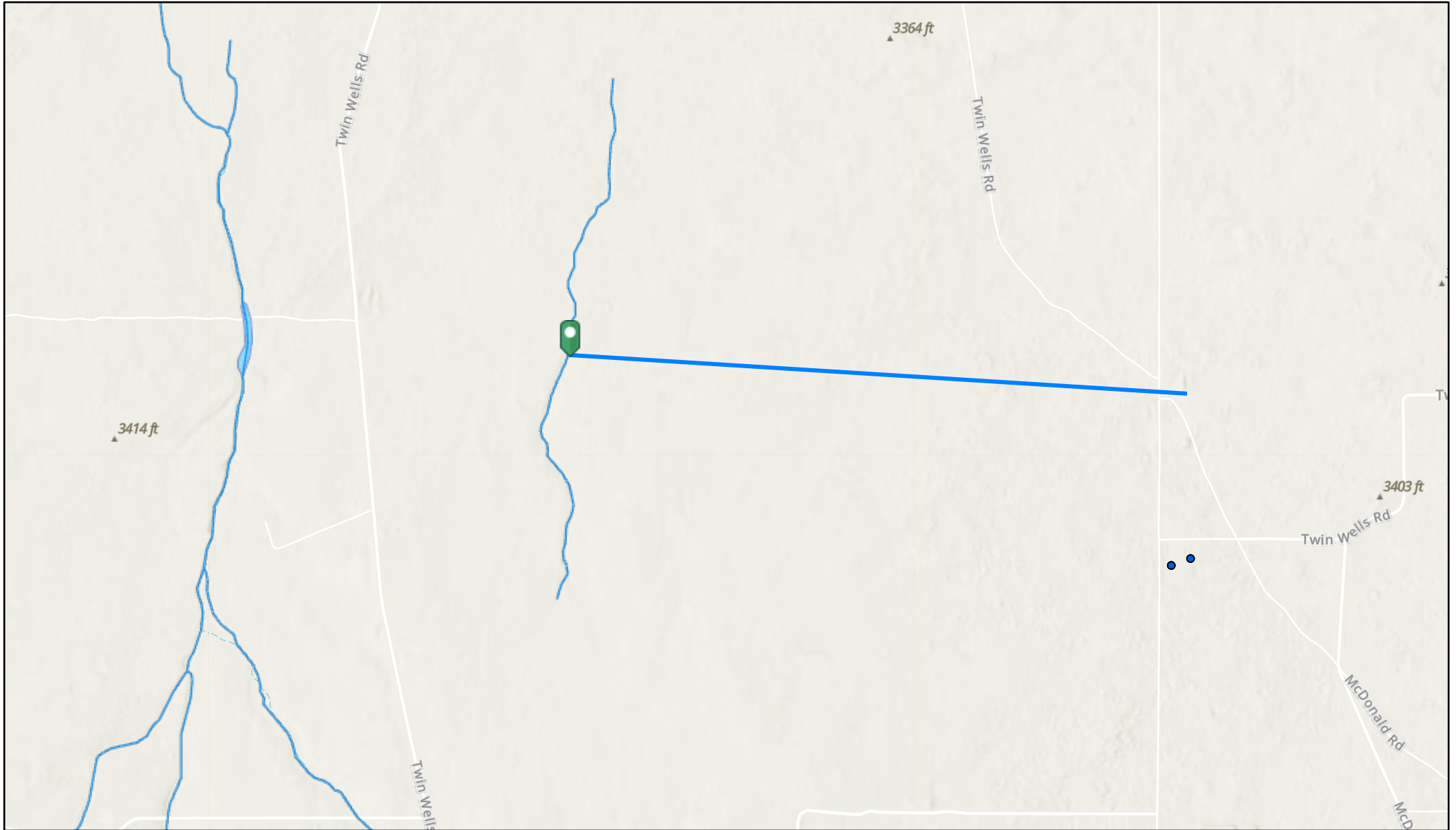
11/22/2024, 11:37:59 AM

- OSE Water PODs
- OSE Streams



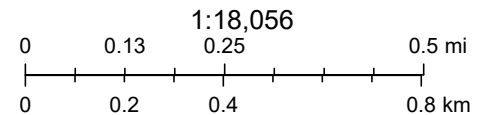
Esri, NASA, NGA, USGS, FEMA, Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS, NM OSE

OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24) 1.13 MILES OR 5,955.5 FEET TO H2O



11/22/2024, 11:42:56 AM

- OSE Water PODs
- OSW Water Bodies
- OSE Streams



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



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands_team@fws.gov

November 22, 2024

Wetlands

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

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



OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)



Initial release pictures (11/22/24)





OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)



Initial Release Pictures (11/22/24)





OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)



Initial Release Pictures (11/22/24)





OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)



Initial Release Pictures (11/22/24)



OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)



Initial Release Pictures (11/22/24)



OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)



Beginning Of Remediation Excavation Activity (01/10/25)



OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)



Beginning Of Remediation Excavation Activity (01/10/25)



OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)



Backfill activities



OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)



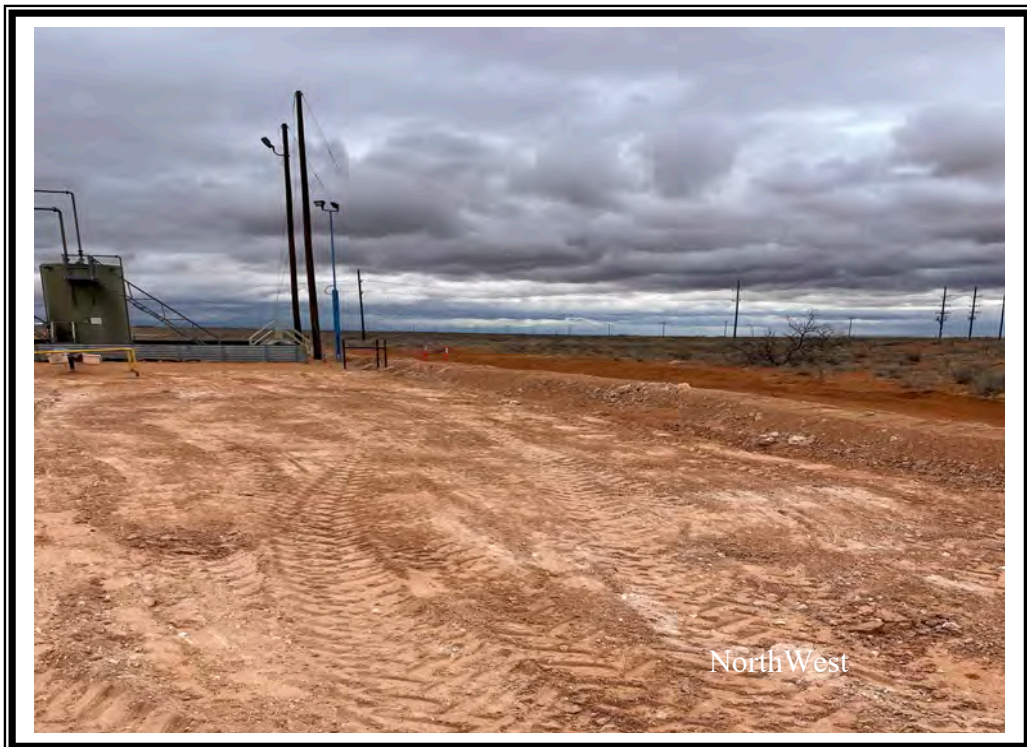
Backfill activities



OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)



Backfill activities



OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)



Backfill activities



OXY, SUNDANCE 4-32 SWD DISP FAC (11/22/24)

Backfill activities





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

March 10, 2025

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SUNDANCE 4-32 SWD

Enclosed are the results of analyses for samples received by the laboratory on 03/04/25 16:08.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H251292-01)

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	03/05/2025	ND	2.10	105	2.00	2.74	
Toluene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	2.66	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.18	109	2.00	3.01	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.76	113	6.00	3.26	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	22.8	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 1' (H251292-02)

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	03/05/2025	ND	2.10	105	2.00	2.74	
Toluene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	2.66	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.18	109	2.00	3.01	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.76	113	6.00	3.26	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	17.5	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H251292-03)

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	03/05/2025	ND	2.10	105	2.00	2.74	
Toluene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	2.66	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.18	109	2.00	3.01	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.76	113	6.00	3.26	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	25.5	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H251292-04)

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	03/05/2025	ND	2.10	105	2.00	2.74	
Toluene*	<0.050	0.050	03/05/2025	ND	2.19	109	2.00	2.66	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.18	109	2.00	3.01	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.76	113	6.00	3.26	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	23.7	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 109 % 44.4-145

Surrogate: 1-Chlorooctadecane 108 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H251292-05)

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	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	QM-07
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	21.4	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 97.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.5 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 1' (H251292-06)

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	03/05/2025	ND	2.07	103	2.00	0.672		
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50		
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80		
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47		
Total BTEX	<0.300	0.300	03/05/2025	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/06/2025	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90		
DRO >C10-C28*	25.1	10.0	03/05/2025	ND	160	79.8	200	1.24		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 1' (H251292-07)

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	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	17.3	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.8 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 1' (H251292-08)

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	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	32.2	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 1' (H251292-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	27.4	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 1' (H251292-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	17.2	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 106 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H251292-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	18.2	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Analytical Results For:

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Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H251292-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	24.0	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.9 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 1' (H251292-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	26.9	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 1' (H251292-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	192	96.2	200	3.90	
DRO >C10-C28*	20.9	10.0	03/05/2025	ND	160	79.8	200	1.24	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 105 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 1' (H251292-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	31.9	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 90.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.0 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 1' (H251292-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	21.9	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 92.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.6 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 1' (H251292-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	03/06/2025	ND	416	104	400	0.00	QR-03

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	36.5	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 81.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.6 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 1' (H251292-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	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	128	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	42.3	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 94.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.5 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 1' (H251292-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	34.4	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 87.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.2 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 1' (H251292-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	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	112	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	40.6	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 94.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.7 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 1' (H251292-21)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	42.4	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.4 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 1' (H251292-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	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	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	33.5	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.7 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 1' (H251292-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	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	112	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	30.9	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 1' (H251292-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.07	103	2.00	0.672	
Toluene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	4.50	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	7.80	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.47	108	6.00	8.47	
Total BTEX	<0.300	0.300	03/05/2025	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	112	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	37.3	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 89.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.4 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 1' (H251292-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	QM-07
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	QM-07
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	18.3	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 90.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.4 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 1' (H251292-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	32.8	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.8 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 1' (H251292-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	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	96.0	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	33.6	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 88.9 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 1' (H251292-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	36.5	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.7 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 1' (H251292-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	21.5	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 97.0 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 1' (H251292-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	32.9	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.5 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 1' (H251292-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	24.5	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 89.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.7 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 1' (H251292-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	36.9	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.1 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 1' (H251292-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	34.4	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 94.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.0 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 1' (H251292-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	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	64.0	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	229	114	200	4.53	
DRO >C10-C28*	22.1	10.0	03/05/2025	ND	206	103	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 82.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.7 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 1' (H251292-35)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	25.3	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 93.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 78.0 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 1' (H251292-36)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	32.2	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 95.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.6 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 1' (H251292-37)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	28.0	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 98.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.0 % 40.6-153

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

Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/27/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 38 @ 1' (H251292-38)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	25.5	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.3 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 1' (H251292-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	87.3	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 85.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 70.4 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 1' (H251292-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400		
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67		
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52		
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19		
Total BTEX	<0.300	0.300	03/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57		
DRO >C10-C28*	15.3	10.0	03/05/2025	ND	191	95.6	200	1.22		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.3 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 1' (H251292-41)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	46.4	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 86.9 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 1' (H251292-42)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	32.3	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 99.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.6 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 @ 1' (H251292-43)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	93.8	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	19.5	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 99.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.5 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 1' (H251292-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	1.97	98.5	2.00	0.400	
Toluene*	<0.050	0.050	03/05/2025	ND	2.28	114	2.00	1.67	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.33	117	2.00	3.52	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.19	120	6.00	4.19	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	12.7	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.5 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 1' (H251292-45)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60		
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05		
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31		
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242		
Total BTEX	<0.300	0.300	03/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/06/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57		
DRO >C10-C28*	11.5	10.0	03/05/2025	ND	191	95.6	200	1.22		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 93.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 85.9 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 1' (H251292-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	23.7	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.4 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 47 @ 1' (H251292-47)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	30.8	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 97.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.0 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 1' (H251292-48)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	13.1	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.7 % 40.6-153

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Analytical Results For:

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Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 1' (H251292-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	26.5	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 95.9 % 40.6-153

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Analytical Results For:

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Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 1' (H251292-50)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60		
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05		
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31		
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242		
Total BTEX	<0.300	0.300	03/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/06/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57		
DRO >C10-C28*	14.2	10.0	03/05/2025	ND	191	95.6	200	1.22		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.9 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 1' (H251292-51)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	37.2	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.4 % 40.6-153

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 52 @ 1' (H251292-52)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	10.7	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.2 % 40.6-153

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Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 1' (H251292-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	14.0	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 99.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.7 % 40.6-153

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Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 54 @ 1' (H251292-54)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	212	106	200	3.57	
DRO >C10-C28*	18.7	10.0	03/05/2025	ND	191	95.6	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 99.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.3 % 40.6-153

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

Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 55 @ 1' (H251292-55)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	28.7	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 94.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.5 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 56 @ 1' (H251292-56)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	25.4	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 57 @ 1' (H251292-57)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	25.4	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.2 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 58 @ 1' (H251292-58)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60		
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05		
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31		
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242		
Total BTEX	<0.300	0.300	03/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	03/06/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76		
DRO >C10-C28*	21.3	10.0	03/05/2025	ND	201	100	200	0.278		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 99.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 59 @ 1' (H251292-59)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60		
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05		
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31		
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242		
Total BTEX	<0.300	0.300	03/05/2025	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	160	16.0	03/06/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76		
DRO >C10-C28*	34.6	10.0	03/05/2025	ND	201	100	200	0.278		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 96.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 60 @ 1' (H251292-60)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60		
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05		
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31		
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242		
Total BTEX	<0.300	0.300	03/05/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	03/06/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76		
DRO >C10-C28*	20.8	10.0	03/05/2025	ND	201	100	200	0.278		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 99.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 61 @ 1' (H251292-61)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/05/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	21.1	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 97.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 62 @ 1' (H251292-62)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	96.0	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	14.0	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 63 @ 1' (H251292-63)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2025	ND	2.01	100	2.00	7.60		
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	4.05		
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.27	114	2.00	2.31		
Total Xylenes*	<0.150	0.150	03/06/2025	ND	7.11	118	6.00	0.242		
Total BTEX	<0.300	0.300	03/06/2025	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	03/06/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76		
DRO >C10-C28*	18.5	10.0	03/05/2025	ND	201	100	200	0.278		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 104 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 64 @ 1' (H251292-64)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.01	100	2.00	7.60	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.27	114	2.00	2.31	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	7.11	118	6.00	0.242	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 121 % 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	112	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	14.1	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.5 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 65 @ 1' (H251292-65)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	QM-07
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	QM-07
Total BTEX	<0.300	0.300	03/06/2025	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	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	25.9	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 66 @ 1' (H251292-66)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00		
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27		
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82		
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55		
Total BTEX	<0.300	0.300	03/06/2025	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	144	16.0	03/06/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76		
DRO >C10-C28*	25.8	10.0	03/05/2025	ND	201	100	200	0.278		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 99.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 67 @ 1' (H251292-67)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	21.6	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 68 @ 1' (H251292-68)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	16.3	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 69 @ 1' (H251292-69)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	25.1	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 97.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 70 @ 1' (H251292-70)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	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	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	16.8	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 96.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.7 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 71 @ 1' (H251292-71)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	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	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	23.9	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 89.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 93.1 % 40.6-153

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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:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 72 @ 1' (H251292-72)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	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	128	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76	
DRO >C10-C28*	17.8	10.0	03/05/2025	ND	201	100	200	0.278	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 73 @ 1' (H251292-73)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00		
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27		
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82		
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55		
Total BTEX	<0.300	0.300	03/06/2025	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	03/06/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76		
DRO >C10-C28*	13.7	10.0	03/05/2025	ND	201	100	200	0.278		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 98.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 74 @ 1' (H251292-74)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00		
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27		
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82		
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55		
Total BTEX	<0.300	0.300	03/06/2025	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	144	16.0	03/06/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	207	104	200	2.76		
DRO >C10-C28*	28.1	10.0	03/05/2025	ND	201	100	200	0.278		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 75 @ 1' (H251292-75)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	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	144	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	11.8	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 92.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.5 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 76 @ 1' (H251292-76)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	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	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	20.5	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 95.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 77 @ 1' (H251292-77)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	52.9	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	19.4	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 94.5 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 78 @ 1' (H251292-78)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 79 @ 1' (H251292-79)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/06/2025	ND	2.03	101	2.00	1.00		
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27		
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82		
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55		
Total BTEX	<0.300	0.300	03/06/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/06/2025	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7		
DRO >C10-C28*	10.7	10.0	03/05/2025	ND	198	99.1	200	17.0		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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

Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	02/28/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 1' (H251292-80)

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	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	12.0	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 99.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 81 @ 1' (H251292-81)

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	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	17.2	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 87.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 92.6 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 82 @ 1' (H251292-82)

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	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	24.5	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 93.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 83 @ 1' (H251292-83)

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	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	15.5	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 1' (H251292-84)

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	03/06/2025	ND	2.03	101	2.00	1.00	
Toluene*	<0.050	0.050	03/06/2025	ND	2.12	106	2.00	2.27	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.31	115	2.00	4.82	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.97	116	6.00	5.55	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	17.7	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 85 @ 1' (H251292-85)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	12.6	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 96.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 86 @ 1' (H251292-86)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	11.2	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 1' (H251292-87)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	15.9	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 97.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Analytical Results For:

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Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 88 @ 1' (H251292-88)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	27.0	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 89 @ 1' (H251292-89)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	15.6	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 95.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 1' (H251292-90)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	18.5	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 98.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
- 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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 23

Company Name: **DBG International, Inc.**

BILL TO

ANALYSIS REQUEST

Project Manager: **Cliff Brunson** P.O. #: _____
 Address: **P.O. Box 805** Company: **Oxy**
 City: **Hobbs** State: **NM** Zip: **88241** Attn: _____
 Phone #: **575-397-6388** Fax #: **575-397-0397** Address: _____
 Project #: _____ Project Owner: **Oxy** City: _____
 Project Name: **SUNDANCE 4-32 SWD (11/22/24)** State: _____ Zip: _____
 Project Location: **New Mexico** Phone #: _____
 Sampler Name: **SIMON RENDON** Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		DATE	TIME	Chloride	BTEX	TPHEXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
1055B2	BOTTOM SAMPLE 1@1'		1								2/27/25	8:00AM	✓	✓	✓	
	BOTTOM SAMPLE 2@1'										2/27/25	8:10AM	✓	✓	✓	
	BOTTOM SAMPLE 3@1'										2/27/25	8:20AM	✓	✓	✓	
	BOTTOM SAMPLE 4@1'										2/27/25	8:30AM	✓	✓	✓	
	BOTTOM SAMPLE 5@1'										2/27/25	8:40AM	✓	✓	✓	
	BOTTOM SAMPLE 6@1'										2/27/25	8:50AM	✓	✓	✓	
	BOTTOM SAMPLE 7@1'										2/27/25	9:00AM	✓	✓	✓	
	BOTTOM SAMPLE 8@1'										2/27/25	9:10AM	✓	✓	✓	
	BOTTOM SAMPLE 9@1'										2/27/25	9:20AM	✓	✓	✓	
	BOTTOM SAMPLE 10@1'										2/27/25	9:30AM	✓	✓	✓	

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Relinquished By: **Simon Rendon** Date: **03-04-25** Received By: _____
 Time: **7:00am** Received By: **Costina**
 Relinquished By: **Jose Costina** Date: **03-04-25** Received By: _____
 Time: **10:08** Received By: **Costina**
 Delivered By: (Circle One) **UPS** Sample Condition: **Open**
 Cooler Intact: Yes No
 Sampler - UPS - Bus - Other: **-745 Cto-3** CHECKED BY: **AS**
 Phone #: **711-1414**

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **DBG International, Inc.**
 Project Manager: **Cliff Brunson**
 Address: **P.O. Box 805** State: **NM** Zip: **88241** Company: **Oxy**
 City: **Hobbs** P.O. #: _____
 Phone #: **575-397-6388** Fax #: **575-397-0397** Address: _____
 Project #: _____ City: _____
 Project Name: **SUNDANCE 4-32 SWD (11/22/24)** State: _____ Zip: _____
 Project Location: **New Mexico** Phone #: _____
 Sampler Name: **SIMON RENDON** Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	✓	✓	✓	✓	✓	✓
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :								
1185992	BOTTOM SAMPLE 11@1'	✓	1			✓				2/27/25	9:40AM	✓	✓	✓	✓	✓	✓
	BOTTOM SAMPLE 12@1'									2/27/25	9:50AM	✓	✓	✓	✓	✓	✓
	BOTTOM SAMPLE 13@1'									2/27/25	10:00AM	✓	✓	✓	✓	✓	✓
	BOTTOM SAMPLE 14@1'									2/27/25	10:30AM	✓	✓	✓	✓	✓	✓
	BOTTOM SAMPLE 15@1'									2/27/25	10:40AM	✓	✓	✓	✓	✓	✓
	BOTTOM SAMPLE 16@1'									2/27/25	10:50AM	✓	✓	✓	✓	✓	✓
	BOTTOM SAMPLE 17@1'									2/27/25	10:55AM	✓	✓	✓	✓	✓	✓
	BOTTOM SAMPLE 18@1'									2/27/25	11:05AM	✓	✓	✓	✓	✓	✓
	BOTTOM SAMPLE 19@1'									2/27/25	11:20AM	✓	✓	✓	✓	✓	✓
	BOTTOM SAMPLE 20@1'									2/27/25	11:35AM	✓	✓	✓	✓	✓	✓

Chloride
 BTEX
 TPHEXT

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Relinquished By: _____ Date: **03-04-25** Received By: _____ Date: **03-04-25**
 Relinquished By: **Simon Rendon** Received By: **Carlton**
 Time: **7:00am** Time: **1:08**
 Delivered By: **Carlton** Sample Condition: **Intact** CHECKED BY: **ABD**
 Delivered By: (Circle One) **UPS** Cool: Yes No
 Sampler - UPS - Bus - Other: **7:14 #148** Yes No

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2 of 13



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **BBC International, Inc.**
 Project Manager: **Cliff Brunson**
 Address: **P.O. Box 805**
 City: **Hobbs** State: **NM** Zip: **88241**
 Phone #: **575-397-6388** Fax #: **575-397-0397**
 Project #: _____ Project Owner: **Oxy**
 Project Name: **SUNDANCE 4-32 SWD (11/22/24)**
 Project Location: **New Mexico**
 Sampler Name: **SIMON RENDON**
 P.O. #: _____ Company: **Oxy**
 Attn: _____ Address: _____
 City: _____ State: _____ Zip: _____
 Phone #: _____ Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPHEXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
01	BOTTOM SAMPLE 21@1'		1							2/27/25	11:45AM	✓	✓	✓
02	BOTTOM SAMPLE 22@1'		1							2/27/25	11:55AM	✓	✓	✓
03	BOTTOM SAMPLE 23@1'		1							2/27/25	12:00PM	✓	✓	✓
04	BOTTOM SAMPLE 24@1'		1							2/27/25	1:10PM	✓	✓	✓
05	BOTTOM SAMPLE 25@1'		1							2/27/25	1:20PM	✓	✓	✓
06	BOTTOM SAMPLE 26@1'		1							2/27/25	1:30PM	✓	✓	✓
07	BOTTOM SAMPLE 27@1'		1							2/27/25	1:40PM	✓	✓	✓
08	BOTTOM SAMPLE 28@1'		1							2/27/25	1:50PM	✓	✓	✓
09	BOTTOM SAMPLE 29@1'		1							2/27/25	1:55PM	✓	✓	✓
10	BOTTOM SAMPLE 30@1'		1							2/27/25	2:00PM	✓	✓	✓

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Relinquished By: _____ Date: **03-01-25** Received By: _____
 Relinquished By: **Simon Rendon** Date: **03-01-25** Received By: **Estimote**
 Delivered By: (Circle One) **UPS** Time: **10:08** **APR 03 2025**
 Delivered By: **Estimote**
 Sampler - UPS - Bus - Other: **7:47 4703** Sample Condition: **APR 03 2025**
 Yes No Yes No
 Checked By: **AP**

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: DBC International, Inc.		P.O. #:						
Project Manager: Cliff Brunson		Company: Oxy						
Address: P.O. Box 805		Attn:						
City: Hobbs		Address:						
State: NM Zip: 88241		City:						
Phone #: 575-397-6388 Fax #: 575-397-0397		State: Zip:						
Project #:		Project Owner: Oxy						
Project Name: SUNDANCE 4-32 SWD (11/22/24)		Phone #:						
Project Location: New Mexico		Fax #:						
Sampler Name: SIMON RENDON		DATE TIME						
FOR LAB USE ONLY		DATE TIME						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	PRESERV. ACID/BASE: ICE / COOL OTHER :	DATE TIME	Chloride BTEX TPHEXT	Yes No Yes No	Add'l Phone #: Add'l Fax #:
456789	BOTTOM SAMPLE 31@1'	1			2/27/25 2:10PM	✓	✓	
101	BOTTOM SAMPLE 32@1'	1			2/27/25 2:20PM	✓	✓	
102	BOTTOM SAMPLE 33@1'	1			2/27/25 2:30PM	✓	✓	
103	BOTTOM SAMPLE 34@1'	1			2/27/25 2:40PM	✓	✓	
104	BOTTOM SAMPLE 35@1'	1			2/27/25 2:50PM	✓	✓	
105	BOTTOM SAMPLE 36@1'	1			2/27/25 3:00PM	✓	✓	
106	BOTTOM SAMPLE 37@1'	1			2/27/25 3:10PM	✓	✓	
107	BOTTOM SAMPLE 38@1'	1			2/27/25 3:20PM	✓	✓	
108	BOTTOM SAMPLE 39@1'	1			2/28/25 8:00AM	✓	✓	
109	BOTTOM SAMPLE 40@1'	1			2/28/25 8:10AM	✓	✓	

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Relinquished By: **Simon Rendon** Date: **02-04-25** Received By: **Jose Cortinas**

Time: **8:00 AM** Received By: **Jose Cortinas**

Delivered By: (Circle One) **Jose Cortinas**

Sampler - UPS - Bus - Other: **7:40 / 7:10 #110**

Sample Condition: **OK** Cool Intact: **Yes**

CHECKED BY: (Initials) **JP**

Phone Result: Yes No

Fax Result: Yes No

REMARKS:

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4 of 12



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **BPG International, Inc.** P.O. #: _____
 Project Manager: **Cliff Brunson** Company: **Oxy**
 Address: **P.O. Box 805** State: **NM** Zip: **88241**
 City: **Hobbs** Attn: _____
 Phone #: **575-397-6388** Fax #: **575-397-0397** Address: _____
 Project #: _____ Project Owner: **Oxy** City: _____
 Project Name: **SUNDANCE 4-32 SWD (11/22/24)** State: _____ Zip: _____
 Project Location: **New Mexico** Phone #: _____
 Sampler Name: **SIMON RENDON** Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	Chloride	BTEX	TPHEXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
41	BOTTOM SAMPLE 41@1'	✓	1	✓	✓	✓	✓	✓	✓	✓	2/28/25	8:20AM	✓	✓	✓	
42	BOTTOM SAMPLE 42@1'	✓	1	✓	✓	✓	✓	✓	✓	✓	2/28/25	8:30AM	✓	✓	✓	
43	BOTTOM SAMPLE 43@1'	✓	1	✓	✓	✓	✓	✓	✓	✓	2/28/25	8:40AM	✓	✓	✓	
44	BOTTOM SAMPLE 44@1'	✓	1	✓	✓	✓	✓	✓	✓	✓	2/28/25	8:50AM	✓	✓	✓	
45	BOTTOM SAMPLE 45@1'	✓	1	✓	✓	✓	✓	✓	✓	✓	2/28/25	8:55AM	✓	✓	✓	
46	BOTTOM SAMPLE 46@1'	✓	1	✓	✓	✓	✓	✓	✓	✓	2/28/25	9:00AM	✓	✓	✓	
47	BOTTOM SAMPLE 47@1'	✓	1	✓	✓	✓	✓	✓	✓	✓	2/28/25	9:10AM	✓	✓	✓	
48	BOTTOM SAMPLE 48@1'	✓	1	✓	✓	✓	✓	✓	✓	✓	2/28/25	9:20AM	✓	✓	✓	
49	BOTTOM SAMPLE 49@1'	✓	1	✓	✓	✓	✓	✓	✓	✓	2/28/25	9:30AM	✓	✓	✓	
50	BOTTOM SAMPLE 50@1'	✓	1	✓	✓	✓	✓	✓	✓	✓	2/28/25	9:40AM	✓	✓	✓	

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Relinquished By: **Simon Rendón** Date: **03-04-25** Received By: **Jose Costinas**
 Requisitioned By: **London** Date: **03-04-25** Received By: **Jose Costinas**
 Delivered By: **(Circle One)** **UPS** - **7:42** / **7:12** / **#110** **APAC**
 Sampler - **UPS** - **Bus** - **Other**: **-7:12** / **#110**
 Sample Condition: Cool Intact
 Checked By: **(Initials)** **JP**
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: _____

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5 of



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

6 of

Company Name: **BBC International, Inc.**

BILL TO

ANALYSIS REQUEST

Project Manager: **Cliff Brunson**

P.O. #:

Address: **P.O. Box 805**

Company: **Oxy**

City: **Hobbs**

State: **NM** Zip: **88241**

Attn:

Phone #: **575-397-6388**

Fax #: **575-397-0397**

Address:

Project #:

Project Owner: **Oxy**

City:

Project Name: **SUNDANCE 4-32 SWD (11/22/24)**

State: Zip:

Project Location: **New Mexico**

Phone #:

Sampler Name: **SIMON RENDON**

Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	ANALYSIS	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL				
HASB02	51										2/28/25	9:50AM	✓	Chloride	
H12	52										2/28/25	10:00AM	✓	BIEX	
H13	53										2/28/25	10:30AM	✓	TPHEXT	
H14	54										2/28/25	10:40AM	✓		
H15	55										2/28/25	10:50AM	✓		
H16	56										2/28/25	11:00AM	✓		
H17	57										2/28/25	11:10AM	✓		
H18	58										2/28/25	11:20AM	✓		
H19	59										2/28/25	11:30AM	✓		
H20	60										2/28/25	11:40AM	✓		

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Relinquished By:

Date: **03-04-25** Received By:

Phone Result: Yes No Add'l Phone #:

Relinquished By: **Simon Rendon**

Date: **03-04-25** Received By: **Cardinal**

Fax Result: Yes No Add'l Fax #:

Delivered By: **Joe Cortinas**

Date: **03-04-25** Received By: **Cardinal**

REMARKS:

Sampler - UPS - Bus - Other:

Date: **03-04-25** Received By: **Cardinal**

Sample Condition: Cool Intact

Delivered By: **Joe Cortinas**

Date: **03-04-25** Received By: **Cardinal**

Checked By: **Cardinal**

Sampler - UPS - Bus - Other:

Date: **03-04-25** Received By: **Cardinal**

Checked By: **Cardinal**

Sampler - UPS - Bus - Other:

Date: **03-04-25** Received By: **Cardinal**

Checked By: **Cardinal**

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: SUNDANCE 4-32 SWD (11/22/24)
 Project Location: New Mexico
 Sampler Name: SIMON RENDON
 P.O. #: Company: Oxy
 Address: City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPHEXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
1051099	BOTTOM SAMPLE 61@1'									2/28/25	11:50AM	✓	✓	✓
1051099	BOTTOM SAMPLE 62@1'									2/28/25	12:00PM	✓	✓	✓
1051099	BOTTOM SAMPLE 63@1'									2/28/25	1:00PM	✓	✓	✓
1051099	BOTTOM SAMPLE 64@1'									2/28/25	1:10PM	✓	✓	✓
1051099	BOTTOM SAMPLE 65@1'									2/28/25	1:20PM	✓	✓	✓
1051099	BOTTOM SAMPLE 66@1'									2/28/25	1:30PM	✓	✓	✓
1051099	BOTTOM SAMPLE 67@1'									2/28/25	1:40PM	✓	✓	✓
1051099	BOTTOM SAMPLE 68@1'									2/28/25	1:50PM	✓	✓	✓
1051099	BOTTOM SAMPLE 69@1'									2/28/25	2:00PM	✓	✓	✓
1051099	BOTTOM SAMPLE 70@1'									2/28/25	2:30PM	✓	✓	✓

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Relinquished By: *Simon Rendon* Date: *03-04-25* Received By: *Jose Centina*
 Relinquished By: *Jose Centina* Date: *03-04-25* Received By: *Jose Centina*
 Delivered By: (Circle One) *UPS* Sample Condition: *OK*
 Sampler - UPS - Bus - Other: *-7.4 -7.14 #110* Cool - Intact: *Yes* Yes No
 CHECKED BY: (Initials) *RP*

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

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70513



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **BBC International, Inc.**
 Project Manager: **Cliff Brunson**
 Address: **P.O. Box 805** State: **NM** Zip: **88241**
 City: **Hobbs** Attn:
 Phone #: **575-397-6388** Fax #: **575-397-0397**
 Project #: Project Owner: **Oxy**
 Project Name: **SUNDANCE 4-32 SWD (11/22/24)** City: State: Zip:
 Project Location: **New Mexico** Phone #:
 Sampler Name: **SIMON RENDON** Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :													
405602	BOTTOM SAMPLE 71@1'		1						2/28/25	2:40PM	✓ Chloride											
72	BOTTOM SAMPLE 72@1'		1						2/28/25	2:50PM	✓ BTEX											
73	BOTTOM SAMPLE 73@1'		1						2/28/25	2:55PM	✓ TPHEXT											
74	BOTTOM SAMPLE 74@1'		1						2/28/25	3:00PM	✓											
75	BOTTOM SAMPLE 75@1'		1						2/28/25	3:05PM	✓											
76	BOTTOM SAMPLE 76@1'		1						2/28/25	3:10PM	✓											
77	BOTTOM SAMPLE 77@1'		1						2/28/25	3:20PM	✓											
78	BOTTOM SAMPLE 78@1'		1						2/28/25	3:25PM	✓											
79	BOTTOM SAMPLE 79@1'		1						2/28/25	3:30PM	✓											
80	BOTTOM SAMPLE 80@1'		1						2/28/25	3:40PM	✓											

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Relinquished By: **Simon Rendon** Date: **03-04-25** Received By: **Jose Costinas**
 Relinquished By: **Jose Costinas** Date: **03-04-25** Received By: **Jose Costinas**
 Delivered By: (Circle One) **UPS** **7:42/403** **APPROVES** Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: **-7:12/403** CHECKED BY: **(Initials)** **JS**

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **BBC International, Inc.** P.O. #: _____
 Project Manager: **Cliff Brunson** Company: **Oxy**
 Address: **P.O. Box 805** Attn: _____
 City: **Hobbs** State: **NM** Zip: **88241**
 Phone #: **575-397-6388** Fax #: **575-397-0397** Address: _____
 Project #: _____ Project Owner: **Oxy** City: _____
 Project Name: **SUNDANCE 4-32 SWD (11/22/24)** State: _____ Zip: _____
 Project Location: **New Mexico** Phone #: _____
 Sampler Name: **SIMON RENDON** Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPHEXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
11851000	BOTTOM SAMPLE 81@1'	C	1							3/3/25	8:08AM	✓	✓	✓
	BOTTOM SAMPLE 82@1'	C	1							3/3/25	8:30AM	✓	✓	✓
	BOTTOM SAMPLE 83@1'	C	1							3/3/25	8:29AM	✓	✓	✓
	BOTTOM SAMPLE 84@1'	C	1							3/3/25	8:41AM	✓	✓	✓
	BOTTOM SAMPLE 85@1'	C	1							3/3/25	8:50AM	✓	✓	✓
	BOTTOM SAMPLE 86@1'	C	1							3/3/25	9:02AM	✓	✓	✓
	BOTTOM SAMPLE 87@1'	C	1							3/3/25	9:14AM	✓	✓	✓
	BOTTOM SAMPLE 88@1'	C	1							3/3/25	9:21AM	✓	✓	✓
	BOTTOM SAMPLE 89@1'	C	1							3/3/25	9:31AM	✓	✓	✓
	BOTTOM SAMPLE 90@1'	C	1							3/3/25	9:42AM	✓	✓	✓

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Relinquished By: _____ Date: _____ Received By: _____ Date: **03-04-25**
 Relinquished By: **Simon Rendon** Time: **9:30AM** Received By: **Joel Cardenas**
 Delivered By: **Joel Cardenas** Date: **03-04-25** Time: _____
 Sampler - UPS - Bus - Other: **-714°C / C40.3°** Sample Condition: Cool Intact
 Yes No Yes No
 CHECKED BY: **JD** (Initials)
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: _____

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9 of 1



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

March 10, 2025

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SUNDANCE 4-32 SWD

Enclosed are the results of analyses for samples received by the laboratory on 03/04/25 16:08.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 1' (H251293-01)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	16.2	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 98.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 103 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 92 @ 1' (H251293-02)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	211	105	200	10.7	
DRO >C10-C28*	21.0	10.0	03/05/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

Cardinal Laboratories

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 1' (H251293-03)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	211	105	200	10.7	
DRO >C10-C28*	13.8	10.0	03/06/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 100 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 94 @ 1' (H251293-04)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	211	105	200	10.7	
DRO >C10-C28*	12.5	10.0	03/06/2025	ND	198	99.1	200	17.0	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 106 % 40.6-153

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

Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 1 (H251293-05)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	10.2	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 75.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 82.9 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 2 (H251293-06)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	19.5	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 111 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 3 (H251293-07)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 80.5 % 44.4-145

Surrogate: 1-Chlorooctadecane 87.9 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 4 (H251293-08)

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	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	112	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	13.2	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.5 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 5 (H251293-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	14.2	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 84.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 91.8 % 40.6-153

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 6 (H251293-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	13.6	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 93.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 7 (H251293-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 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	128	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	15.1	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 84.9 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 8 (H251293-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	37.9	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 100 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 9 (H251293-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 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	112	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	14.4	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 97.3 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 10 (H251293-14)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.11	105	2.00	7.36	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	108	2.00	6.73	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.07	104	2.00	6.62	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.09	101	6.00	6.78	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	24.3	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 96.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 11 (H251293-15)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	0.148		
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	107	2.00	0.384		
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.14	107	2.00	0.352		
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.68	111	6.00	0.663		
Total BTEX	<0.300	0.300	03/05/2025	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	03/06/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98		
DRO >C10-C28*	19.1	10.0	03/05/2025	ND	204	102	200	2.52		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 87.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 96.7 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 12 (H251293-16)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	21.1	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 101 % 44.4-145

Surrogate: 1-Chlorooctadecane 110 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 13 (H251293-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	13.5	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 92.8 % 44.4-145

Surrogate: 1-Chlorooctadecane 102 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 14 (H251293-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 52.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 55.2 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 15 (H251293-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2025	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	112	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 82.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 89.4 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 16 (H251293-20)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2025	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	112	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	19.4	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 92.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 17 (H251293-21)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	0.148		
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	107	2.00	0.384		
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.14	107	2.00	0.352		
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.68	111	6.00	0.663		
Total BTEX	<0.300	0.300	03/05/2025	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/06/2025	ND	416	104	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98		
DRO >C10-C28*	18.2	10.0	03/05/2025	ND	204	102	200	2.52		
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND						

Surrogate: 1-Chlorooctane 84.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 90.5 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 18 (H251293-22)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2025	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	112	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	14.6	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 94.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 19 (H251293-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	208	104	200	3.98	
DRO >C10-C28*	19.5	10.0	03/05/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 102 % 44.4-145

Surrogate: 1-Chlorooctadecane 112 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 20 (H251293-24)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/05/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/05/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/05/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/05/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/05/2025	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	112	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/06/2025	ND	208	104	200	3.98	
DRO >C10-C28*	16.9	10.0	03/06/2025	ND	204	102	200	2.52	
EXT DRO >C28-C36	<10.0	10.0	03/06/2025	ND					

Surrogate: 1-Chlorooctane 96.4 % 44.4-145

Surrogate: 1-Chlorooctadecane 107 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 21 (H251293-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/06/2025	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	128	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	216	108	200	7.60	
DRO >C10-C28*	10.5	10.0	03/05/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 96.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 22 (H251293-26)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/06/2025	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	112	16.0	03/06/2025	ND	416	104	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	216	108	200	7.60	
DRO >C10-C28*	17.7	10.0	03/05/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 90.2 % 44.4-145

Surrogate: 1-Chlorooctadecane 99.0 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 23 (H251293-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	216	108	200	7.60	
DRO >C10-C28*	<10.0	10.0	03/05/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 95.9 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 24 (H251293-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	216	108	200	7.60	
DRO >C10-C28*	13.1	10.0	03/05/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 93.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 101 % 40.6-153

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Analytical Results For:

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

Received:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 25 (H251293-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	216	108	200	7.60	
DRO >C10-C28*	11.8	10.0	03/05/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 90.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.2 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 26 (H251293-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	216	108	200	7.60	
DRO >C10-C28*	13.8	10.0	03/05/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 99.6 % 44.4-145

Surrogate: 1-Chlorooctadecane 109 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 27 (H251293-31)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	216	108	200	7.60	
DRO >C10-C28*	21.2	10.0	03/05/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 97.7 % 44.4-145

Surrogate: 1-Chlorooctadecane 105 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 28 (H251293-32)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	216	108	200	7.60	
DRO >C10-C28*	12.6	10.0	03/05/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 92.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 98.7 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 29 (H251293-33)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	216	108	200	7.60	
DRO >C10-C28*	22.2	10.0	03/05/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 96.0 % 44.4-145

Surrogate: 1-Chlorooctadecane 104 % 40.6-153

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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:	03/04/2025	Sampling Date:	03/03/2025
Reported:	03/10/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Alyssa Parras
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: SIDEWALL 30 (H251293-34)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/06/2025	ND	2.06	103	2.00	0.148	
Toluene*	<0.050	0.050	03/06/2025	ND	2.15	107	2.00	0.384	
Ethylbenzene*	<0.050	0.050	03/06/2025	ND	2.14	107	2.00	0.352	
Total Xylenes*	<0.150	0.150	03/06/2025	ND	6.68	111	6.00	0.663	
Total BTEX	<0.300	0.300	03/06/2025	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/06/2025	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/05/2025	ND	216	108	200	7.60	
DRO >C10-C28*	11.4	10.0	03/05/2025	ND	220	110	200	6.34	
EXT DRO >C28-C36	<10.0	10.0	03/05/2025	ND					

Surrogate: 1-Chlorooctane 103 % 44.4-145

Surrogate: 1-Chlorooctadecane 114 % 40.6-153

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: SUNDANCE 4-32 SWD (11/22/24)
 Project Location: New Mexico
 Sampler Name: SIMON RENDON
 P.O. #: Company: Oxy
 Attn: Address: City: State: zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPHEXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H051003	BOTTOM SAMPLE 91@1'	C	1						3/3/25	9:51AM	✓	✓	✓	
	BOTTOM SAMPLE 92@1'								3/3/25	10:00AM	✓	✓	✓	
	BOTTOM SAMPLE 93@1'								3/3/25	10:12AM	✓	✓	✓	
	BOTTOM SAMPLE 94@1'								3/3/25	10:21AM	✓	✓	✓	
	SIDEWALL 1								3/3/25	10:30AM	✓	✓	✓	
	SIDEWALL 2								3/3/25	10:42AM	✓	✓	✓	
	SIDEWALL 3								3/3/25	10:51AM	✓	✓	✓	
	SIDEWALL 4								3/3/25	11:01AM	✓	✓	✓	
	SIDEWALL 5								3/3/25	11:12AM	✓	✓	✓	
	SIDEWALL 6								3/3/25	11:23AM	✓	✓	✓	

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Relinquished By: Simon Rendon Date: 03-04-25
 Received By: Jose Centurias Date: 03-04-25
 Delivered By: (Circle One) - 7-4-7-403-0000
 Sample Condition: Yes No
 Cool, Intact: Yes No
 Sampler - UPS - Bus - Other: -7-112-#1110
 CHECKED BY: (Initials) JS

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

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

10 of 1



CARDINAL 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: SUNDANCE 4-32 SWD (11/22/24) Project Location: New Mexico Sampler Name: SIMON RENDON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____			
State: NM zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		BILL TO			
Matrix: <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER: _____ Preservation: <input checked="" type="checkbox"/> ACID/BASE: _____ <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER: _____		ANALYSIS REQUEST			
Lab I.D.	Sample I.D.	DATE	TIME	ANALYSIS	REMARKS
195203	SIDEWALL 7	3/3/25	11:30AM	✓	Chloride
12	SIDEWALL 8	3/3/25	11:41AM	✓	BTEX
13	SIDEWALL 9	3/3/25	11:51AM	✓	TPHEXT
14	SIDEWALL 10	3/3/25	12:02PM	✓	
15	SIDEWALL 11	3/3/25	12:14PM	✓	
16	SIDEWALL 12	3/3/25	12:25PM	✓	
17	SIDEWALL 13	3/3/25	12:36PM	✓	
18	SIDEWALL 14	3/3/25	12:45PM	✓	
19	SIDEWALL 15	3/3/25	12:57PM	✓	
20	SIDEWALL 16	3/3/25	1:08PM	✓	

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Relinquished By: Simon Rendón Date: 03-04-25 Received By: Jose Cortinas
 Reinstated By: _____ Date: _____
 Delivered By: (Circle One) Base Cortinas - 7:41 / 6:30
 Sampler - UPS - Bus - Other: -7:12 #111
 Sample Condition: Cool Intact
 Checked By: (Initials) AR

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:	
Project Manager: Cliff Brunson		Company: Oxy	
Address: P.O. Box 805		Attn:	
City: Hobbs	State: NM	Zip: 88241	
Phone #: 575-397-6388	Fax #: 575-397-0397	Address:	
Project #:	Project Owner: Oxy	City:	
Project Name: SUNDANCE 4-32 SWD (11/22/24)	State: NM	Zip:	
Project Location: New Mexico	Phone #:	Fax #:	
Sampler Name: SIMON RENDON	FOR LAB USE ONLY		

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
HAS12013	SIDEWALL 17	C	1							3/3/25	1:18PM	Chloride
01	SIDEWALL 18	C	1							3/3/25	1:31PM	BTEX
03	SIDEWALL 19	C	1							3/3/25	1:40PM	TPH EXT
04	SIDEWALL 20	C	1							3/3/25	1:51PM	
05	SIDEWALL 21	C	1							3/3/25	2:00PM	
06	SIDEWALL 22	C	1							3/3/25	2:09PM	
07	SIDEWALL 23	C	1							3/3/25	2:17PM	
08	SIDEWALL 24	C	1							3/3/25	2:29PM	
09	SIDEWALL 25	C	1							3/3/25	2:40PM	
01	SIDEWALL 26	C	1							3/3/25	2:52PM	

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Relinquished By: *Simon Rendon* Date: *03-04-25* Time: *11:00AM* Received By: *Cardinal*

Relinquished By: *Cardinal* Date: *03-09-25* Time: *03:09-25* Received By: *Cardinal*

Delivered By: *Cardinal* (Circle One) *UPS* Sample Condition: *Intact* Cool: Yes No

Sampler - UPS - Bus - Other: *710 #140* Sample Condition: *Intact* Cool: Yes No

Checked By: *Cardinal* (Initials)

Phone Result: Yes No Addtl Phone #: _____
 Fax Result: Yes No Addtl Fax #: _____

REMARKS:

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #: [blank]
 Project Name: SUNDANCE 4-32 SWD (11/22/24)
 Project Location: New Mexico
 Sampler Name: SIMON RENDON

P.O. #: [blank]
 Company: Oxy
 Attn: [blank]
 Address: [blank]
 City: [blank]
 State: [blank]
 Zip: [blank]
 Phone #: [blank]
 Fax #: [blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME		
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			ICE / COOL	OTHER :
1050293	SIDEWALL 27		1								3/3/25	3:04PM		
1050303	SIDEWALL 28		1								3/3/25	3:15PM		
1050324	SIDEWALL 29		1								3/3/25	3:29PM		
	SIDEWALL 30		1								3/3/25	3:41PM		

Chloride
 BTEX
 TPHEXT

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Relinquished By: [blank]
 Received By: [blank]
 Date: 03-04-25
 Time: 11:00 AM
 Retinquished By: [blank]
 Received By: [blank]
 Date: 03-04-25
 Time: [blank]
 Delivered By: Jose Castinas
 Date: 7-4-14
 Time: 1:40:30
 Sample Condition: Cool Intact
 Yes No
 Checked By: [initials]

Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #: [blank]
 Add'l Fax #: [blank]
 REMARKS: [blank]

13 of 3



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

March 26, 2025

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SUNDANCE 4-32 SWD

Enclosed are the results of analyses for samples received by the laboratory on 03/20/25 11:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	03/20/2025	Sampling Date:	03/14/2025
Reported:	03/26/2025	Sampling Type:	Soil
Project Name:	SUNDANCE 4-32 SWD	Sampling Condition:	Cool & Intact
Project Number:	(11-22-24)	Sample Received By:	Tamara Oldaker
Project Location:	OXY -EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 A @ 2' (H251644-01)

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	03/22/2025	ND	1.95	97.6	2.00	9.11	
Toluene*	<0.050	0.050	03/22/2025	ND	2.04	102	2.00	7.93	
Ethylbenzene*	<0.050	0.050	03/22/2025	ND	2.00	99.9	2.00	7.69	
Total Xylenes*	<0.150	0.150	03/22/2025	ND	5.87	97.9	6.00	7.90	
Total BTEX	<0.300	0.300	03/22/2025	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	48.0	16.0	03/24/2025	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/21/2025	ND	201	101	200	2.20	
DRO >C10-C28*	<10.0	10.0	03/21/2025	ND	196	97.8	200	0.167	
EXT DRO >C28-C36	<10.0	10.0	03/21/2025	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.4-145

Surrogate: 1-Chlorooctadecane 72.5 % 40.6-153

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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*=Accredited Analyte

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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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: Project Name: SUNDANCE 4-32 SWD (11/22/24) Project Location: New Mexico Sampler Name: OMAR MARTINEZ		P.O. #: Company: Oxy Attn: Address: City: State: Phone #: Fax #:	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		Company: Oxy Attn: Address: City: State: Phone #: Fax #:	
BILL TO			
ANALYSIS REQUEST			
<small>FOR LAB USE ONLY</small>			
Lab I.D. H251644 1	Sample I.D. BOTTOM SAMPLE 43 A @ 2'	<input type="checkbox"/> (G)RAB OR (C)OMP. <input checked="" type="checkbox"/> 1	<input type="checkbox"/> # CONTAINERS
MATRIX <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER :		PRESERV <input type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :	
		DATE 3/14/25	TIME 10:30AM
		<input checked="" type="checkbox"/> Chloride <input checked="" type="checkbox"/> BTEX <input checked="" type="checkbox"/> TPHEXT	

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Relinquished By: <i>Omar Martinez</i> Date: 5/19/25 Time: 3:00pm	Received By: <i>Juan Carlos</i> Date: 3-20-25 Time: 1:45
Delivered By: (Circle One) UPS - Bus - Other: -33°C -30°C	Sample Condition <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No
CHECKED BY: <i>[Signature]</i> (Initials)	
REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:	

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

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

QUESTIONS

Action 557726

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 557726
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2432738668
Incident Name	NAPP2432738668 SUNDANCE 4-32 SWD DISP FAC @ FAB1915530010
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAB1915530010] SUNDANCE 4-32 SWD FACILITY

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	SUNDANCE 4-32 SWD DISP FAC
Date Release Discovered	11/22/2024
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil 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	
<i>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.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Pump Crude Oil Released: 480 BBL Recovered: 400 BBL Lost: 80 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
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 557726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 557726
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: BBC Company Email: Office@bbcinternational.com Date: 02/25/2026
--	---

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QUESTIONS, Page 3

Action 557726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 557726
	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 75 and 100 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	192
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	19.5
GRO+DRO (EPA SW-846 Method 8015M)	87.3
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	12/31/2024
On what date will (or did) the final sampling or liner inspection occur	03/14/2025
On what date will (or was) the remediation complete(d)	04/07/2025
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	18694
What is the estimated volume (in cubic yards) that will be remediated	1212

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 557726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 557726
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

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

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

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

I hereby agree and sign off to the above statement	Name: BBC Company Email: Office@bbcinternational.com Date: 02/25/2026
--	--

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

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QUESTIONS, Page 5

Action 557726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 557726
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>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.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 557726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 557726
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	441445
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/14/2025
What was the (estimated) number of samples that were to be gathered	1
What was the sampling surface area in square feet	100

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	18694
What was the total volume (cubic yards) remediated	1212
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	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	OXY excavated the spill area as depicted on the following site diagrams. The entire leak area (YELLOW shade on diagram) was excavated to a depth of 1' foot OXY collected bottom and sidewall confirmation samples every 200 square feet.
<i>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>	
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: BBC Company Email: Office@bbcinternational.com Date: 02/25/2026

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QUESTIONS, Page 7

Action 557726

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 557726
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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

CONDITIONS

Action 557726

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 557726
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scwells	Remediation closure approved. Note that future reports should contain a more thorough remediation summary per 19.15.29.12.E.(1)(d) NMAC.	3/16/2026