Closure Report ID # nAPP2103556268

	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.32.251612 ,W-103.79012											

	Relea	ase Data	
Date of Release:	1/20/2021		
Type of Release:	Crude Oil /Produced wate	r	
Source of Release:	AUTOMATION		
Volume of Release:	CRUDE OIL 1 BBLS	WATER 59 BBLS	
Volume Recovered:	CRUDE OIL 0 BBLS	WATER 40BBLS	

Remediation Specifications												
Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 (PURPLE shade on diagram) was excavated to a depth of 3 feet. The leak area near SP2 – SP8, SP10 – SP12 and SP14 (YELLOW shade on diagram) was excavated to a depth of 1 foot. The leak area near SP9 (BLUE shade on diagram) was excavated to a depth of 4 feet. The leak area near SP13 (GREEN shade on diagram) was excavated to a depth of 2 feet. Bottom and sidewall confirmation samples was collected at no greater than 200 square ft. intervals.											
Remediation Activities:	1/4/24 - 4/8/24											
Plan Sent to OCD:	4/5/2021											
OCD Approval of Plan:	7/22/2021											
Plan Sent to BLM:												

	Supporting Documentation												
C-141, page 6	signed and included												
Site Diagram	Google Earth map wit	ogle Earth map with excavation depths & confirmation sample points											
Pictures	Remediation photos												
Lab Summary/Analysis	Confirmation lab sum	mary/analysis report for											
Sampling Notification	3/12/2024												

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

6/5/2024

BLM Approval of Plan:

From: Wells, Shelly, EMNRD

To: Kathy Sweeney

Cc: "Dittrich, John W"; "cbrunson"; "jgilkey"; Bratcher, Michael, EMNRD

Subject: RE: [EXTERNAL] SAMPLING NOTIFICATION VARIANCE -SUNDANCE 4-32 SWD (01/20/21-1/20/22) ID#

nAPP2103556268, nAPP2202749506

Date: Wednesday, March 13, 2024 8:54:04 AM

Good morning Kathy,

Your notice has been received and updated in epermitting for both incidents.

Kind regards,

Shelly

Shelly Wells * Environmental Specialist-Advanced

Environmental Bureau

EMNRD-Oil Conservation Division

1220 S. St. Francis Drive|Santa Fe, NM 87505

(505)469-7520|Shelly.Wells@emnrd.nm.gov

http://www.emnrd.state.nm.us/OCD/

From: Kathy Sweeney <kathys@bbcinternational.com>

Sent: Tuesday, March 12, 2024 5:02 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Cc: 'Dittrich, John W' <Wade_Dittrich@oxy.com>; 'cbrunson' <cbrunson@bbcinternational.com>;

'jgilkey' <jgilkey@bbcinternational.com>

Subject: [EXTERNAL] SAMPLING NOTIFICATION VARIANCE -SUNDANCE 4-32 SWD (01/20/21-

1/20/22) ID# nAPP2103556268, nAPP2202749506

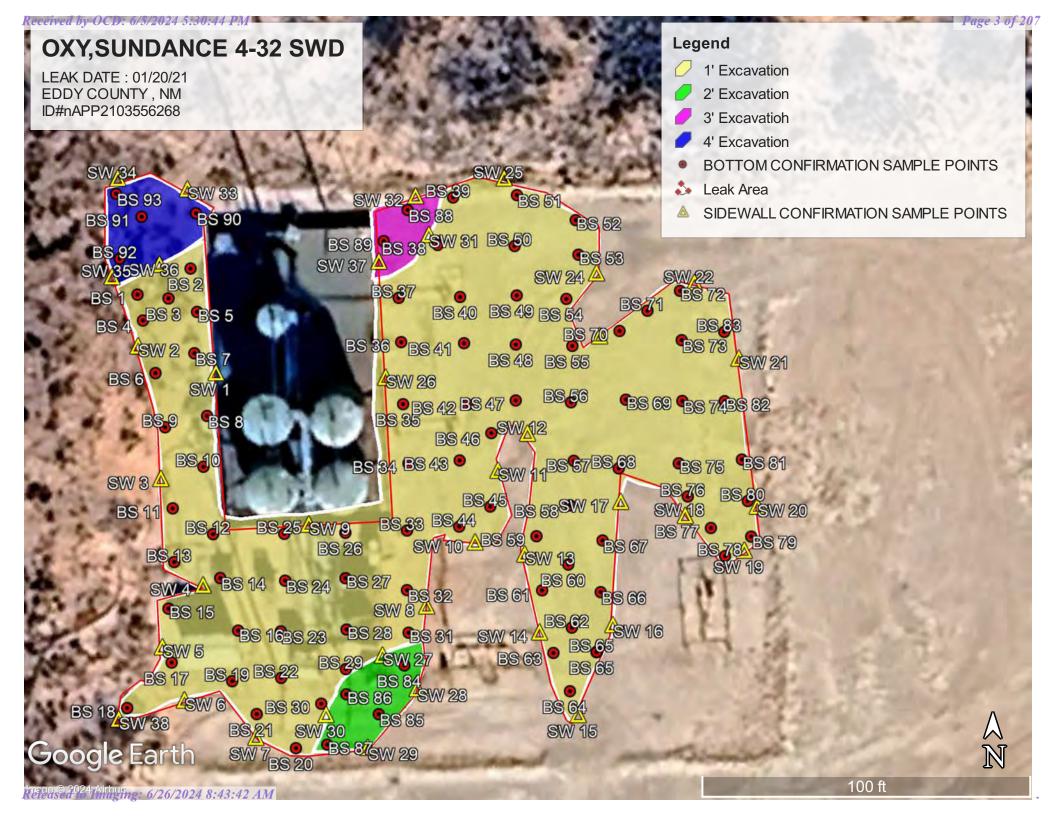
CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Oxy is requesting a variance /change to the sampling notification for the OXY- SUNDANCE 4-32 SWD (01/20/21-1/20/22) ID# nAPP2103556268, nAPP2202749506 . the original sampling notification was set to begin on 03/08/24 at 8:30am . It will now require additional 3 days to complete the sampling . the sampling dates will be 3/11/24, 3/12/24, 3/13/24 . An electronic notification will be submitted as well .

Thank you,

Kathy Sweeney

Mailing Address:



OXY ,SUNDANCE 4-32 SWD (01/20/21) SAMPLE DATE 3/8/24-3/13/24

BOTTOM S	SAMPLE POINTS	
	N 32.252041	W-103.790373
·	N 32.252063	W-103.790322
BS 3@1'		W-103.790343
BS 4@1'		W-103.790367
BS 5@1'		W-103.790315
BS 6@1'		W-103.790367
BS 7@1'		W-103.790309
BS 8@1'		W-103.790309
BS 9@1'	N 32.251956	W-103.790353
BS 10@1'		W-103.790308
BS 11@1'	N 32.251864	W-103.790338
BS 12@1'	N 32.251843	W-103.790299
BS 13@1'	N 32.251820	W-103.790336
BS 14@1'		W-103.790292
BS 15@1'	N 32.251781	W-103.790342
BS 16@1'	N 32.251763	W-103.790274
BS 17@1'	N 32.251737	W-103.790339
BS 18@1'	N 32.251699	W-103.790383
BS 19@1'	N 32.251721	W-103.790280
BS 20@1'	N 32.251664	W-103.790219
BS 21@1'	N 32.251693	W-103.790257
BS 22@1'	N 32.251723	W-103.790233
BS 23@1'	N 32.251762	W-103.790223
BS 24@1'	N 32.251804	W-103.790229
BS 25@1'	N 32.251843	W-103.790229
BS 26@1'	N 32.251843	W-103.790170
BS 27@1'	N 32.251805	W-103.790170
BS 28@1'	N 32.251763	W-103.790169
BS 29@1'	N 32.251730	W-103.790170
BS 30@1'	N 32.215701	W-103.790194
BS 31@1'	N 32.251759	W-103.790108
BS 32@1'	N 32.251795	W-103.790110
BS 33@1'	N 32.251845	W-103.790110
BS 34@1'	N 32.251901	W-103.790109
BS 35@1'	N 32.251950	W-103.790114
BS 36@1'	N 32.252002	W-103.790116
BS 37@1'	N 32.252039	W-103.790118
BS 38@1'	N 32.252083	W-103.790080
BS 39@1'	N 32.252122	W-103.790064
BS 40@1'	N 32.252040	W-103.790058
BS 41@1'	N 32.252001	W-103.790054

BS 42@1'	N 32.251950	W-103.790050
BS 43@1'	N 32.251903	W-103.790058
BS 44@1'	N 32.251848	W-103.790059
BS 45@1'	N 32.251865	W-103.790028
BS 46@1'	N 32.251926	W-103.790027
BS 47@1'	N 32.251953	W-103.790003
BS 48@1'	N 32.252000	W-103.790003
BS 49@1'	N 32.252041	W-103.790002
BS 50@1'	N 32.250282	W-103.790004
BS 51@1'	N 32.252124	W-103.790002
BS 52@1'	N 32.252104	W-103.789944
BS 53@1'	N 32.252075	W-103.789941
BS 54@1'	N 32.252038	W-103.789953
BS 55@1'	N 32.251997	W-103.789948
BS 56@1'	N 32.251949	W-103.789947
BS 57@1'	N 32.251903	W-103.789945
BS 58@1'	N 32.251866	W-103.789949
BS 59@1'	N 32.251840	W-103.789982
BS 60@1'	N 32.251816	W-103.789951
BS 61@1'	N 32.251795	W-103.789977
BS 62@1'	N 32.251764	W-103.789947
BS 63@1'	N 32.251748	W-103.789967
BS 64@1'	N 32.251710	W-103.789949
BS 65@1'	N 32.251743	W-103.789923
BS 66@1'	N 32.251794	W-103.789919
BS 67@1'	N 32.251837	W-103.789917
BS 68@1'	N 32.251891	W-103.789913
BS 69@1'	N 32.251951	W-103.789897
BS 70@1'	N 32.252014	W-103.789894
BS 71@1'	N 32.252028	W-103.789873
BS 72@1'	N 32.250045	W-103.789841
BS 73@1'	N 32.252004	W-103.789839
BS 74@1'	N 32.251953	W-103.789838
BS 75@1'	N 32.251901	W-103.789842
BS 76@1'	N 32.251875	W-103.789833
BS 77@1'	N 32.251847	W-103.789810
BS 78@1'	N 32.251824	W-103.789796
BS 79@1'	N 32.251840	W-103.787770
BS 80@1'	N 32.251860	W-103.789769
BS 81@1'	N 32.251904	W-103.789779
BS 82@1'	N 32.251953	W-103.789796
BS 83@1'	N 32.252011	W-103.789797
BS 84@2'	N 32.251732	W-103.790113
BS 85@2'	N 32.251692	W-103.790138

BS 86@2'	N 32.251709	W-103.790169
BS 87@2'	N 32.251667	W-103.790188
BS 88@3'	N 32.252112	W-103.790109
BS 89@3'	N 32.252086	W-103.790133
BS 90@4'	N 32.252109	W-103.790317
BS 91@4'	N 32.252106	W-103.790370
BS 92@4'	N 32.252071	W-103.790391
BS 93@4'	N 32.252125	W-103.790396

SIDEWALL SAMPLE POINTS

SW 1	N 32.251976	W-103.790296
SW 2	N 32.251998	W-103.790373
SW3	N 32.251888	W-103.790350
SW 4	N 32.251800	W-103.790309
SW 5	N 32.251749	W-103.790348
SW 6	N 32.251705	W-103.790327
SW 7	N 32.251673	W-103.790258
SW8	N 32.251781	W-103.790091
SW9	N 32.251850	W-103.790206
SW 10	N 32.251834	W-103.790043
SW 11	N 32.251894	W-103.790021
SW 12	N 32.251925	W-103.789992
SW 13	N 32.251824	W-103.789994
SW 14	N 32.251759	W-103.789980
SW 15	N 32.251690	W-103.789942
SW 16	N 32.251766	W-103.789907
SW 17	N 32.251869	W-103.789900
SW 18	N 32.251857	W-103.789836
SW 19	N 32.251828	W-103.789778
SW 20	N 32.251864	W-103.789765
SW 21	N 32.251988	W-103.789783
SW 22	N 32.252051	W-103.789827
SW 23	N 32.252006	W-103.789921
SW 24	N 32.252059	W-103.789924
SW 25	N 32.25138	W-103.790015
SW 26	N 32.251972	W-103.790131
SW 27	N 32.251740	W-103.790135
SW 28	N 32.251712	W-103.790101
SW 29	N 32.251663	W-103.790149
SW 30	N 32.251691	W-103.790190
SW 31	N 32.252091	W-103.790089
SW 32	N 32.252123	W-103.790102

SW 33	N 32.252129	W-103.790326
SW 34	N 32.252137	W-103.790395
SW 35	N 32.252055	W-103.790399
SW 36	N 32.252066	W-103.790353
SW 37	N 32.252068	W-103.790138
SW 38	N 32.251689	W-103.790391

	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'	BS18@1'
Analyte	Date	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24	3/8/24
		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		176.0	336.0	256.0	192.0	272.0	208.0	176.0	192.0	224.0	192.0	192.0	240.0	192.0	240.0	208.0	192.0	192.0	288.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 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	3/8/24	3/8/24	3/8/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/12/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24
		mg/kg																	
Benzene		<0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene		< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		< 0.300	<0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride		288.0	272.0	288.0	64.0	48.0	32.0	16.0	32.0	32.0	32.0	16.0	32.0	48.0	32.0	48.0	32.0	64.0	48.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 37@1'	BS 38@1'	BS 39@1'	BS 40@1'	BS 41@1'	BS 42@1'	BS 43@1'	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'	BS 54@1'
Analyte	Date	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24	3/11/24
		mg/kg																	
Benzene		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride		16.0	16.0	32.0	32.0	32.0	32.0	32.0	16.0	16.0	32.0	32.0	32.0	32.0	16.0	48.0	48.0	16.0	16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 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'	BS 71@1'	BS 72@1'
Analyte	Date	3/11/24	3/12/24	3/12/24	3/12/24	38/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg											
Benzene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride		32.0	32.0	48.0	32.0	48.0	32.0	32.0	32.0	48.0	16.0	48.0	32.0	16.0	32.0	16.0	16.0	32.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	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 83@1'	BS 84@ 1'	BS 85@1'	BS 86@1'	BS 87@1'	BS 88@1'	BS 89@1'	BS 90@1'	BS 91@1'
Analyte	Date	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24	3/12/24
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene		< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		< 0.300	< 0.300	< 0.300	< 0.300	<0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	<0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride		32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	48.0	80.0	128.0	64.0	144.0	80.0	80.0	64.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 92@1'	BS 93@1'
Analyte	Date	3/12/24	3/12/24
		mg/kg	mg/kg
Benzene		< 0.050	< 0.050
Toluene		< 0.050	< 0.050
Ethylbenzene		< 0.050	< 0.050
Total Xylenes		<0.150	<0.150
Total BTEX		< 0.300	< 0.300
Chloride		80.0	32.0
GRO		<10.0	<10.0
DRO		<10.0	<10.0
EXT DRO		<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	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24
		mg/kg																	
Benzene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	<0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride		32.0	16.0	32.0	48.0	32.0	48.0	32.0	16.0	32.0	32.0	16.0	48.0	48.0	32.0	32.0	32.0	16.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	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	SW 31	SW 32	SW 33	SW 34	SW 35	SW 36
Analyte	Date	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24	3/13/24
		mg/kg																	
Benzene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Toluene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Ethylbenzene		<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	<0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	<0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300	< 0.300
Chloride		32.0	16.0	32.0	16.0	32.0	64.0	48.0	448.0	32.0	64.0	32.0	48.0	32.0	64.0	64.0	48.0	32.0	48.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 37	SW 38
Analyte	Date	3/13/24	3/13/24
		mg/kg	mg/kg
Benzene		<0.050	< 0.050
Toluene		< 0.050	< 0.050
Ethylbenzene		< 0.050	< 0.050
Total Xylenes		<0.150	<0.150
Total BTEX		< 0.300	< 0.300
Chloride		32.0	48.0
GRO		<10.0	<10.0
DRO		<10.0	<10.0
EXT DRO		<10.0	<10.0

Received by OCD: 6/5/2024 5:30:44 PM National Flood Hazard Layer FIRMette





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

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

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

point selected by the user and does not represent

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/7/2024 at 1:54 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.





LEAK DATE :01/20/2021 EDDY COUNTY, NM ID#nAPP2103556268

Received by OCD: 6/5/2024 5:30:44 PM

Legend

/ 1

1' Excavation

Page 12 of 207



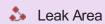
2' Excavation



3' Excavation



4' Excavation





Low



Twin Wells Rd

Google Earth

mage © 3024 Airbus Keteasea to 1 maging: 6/26/2024 8:43:42 AM N N

300 ft





May 21, 2024

Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

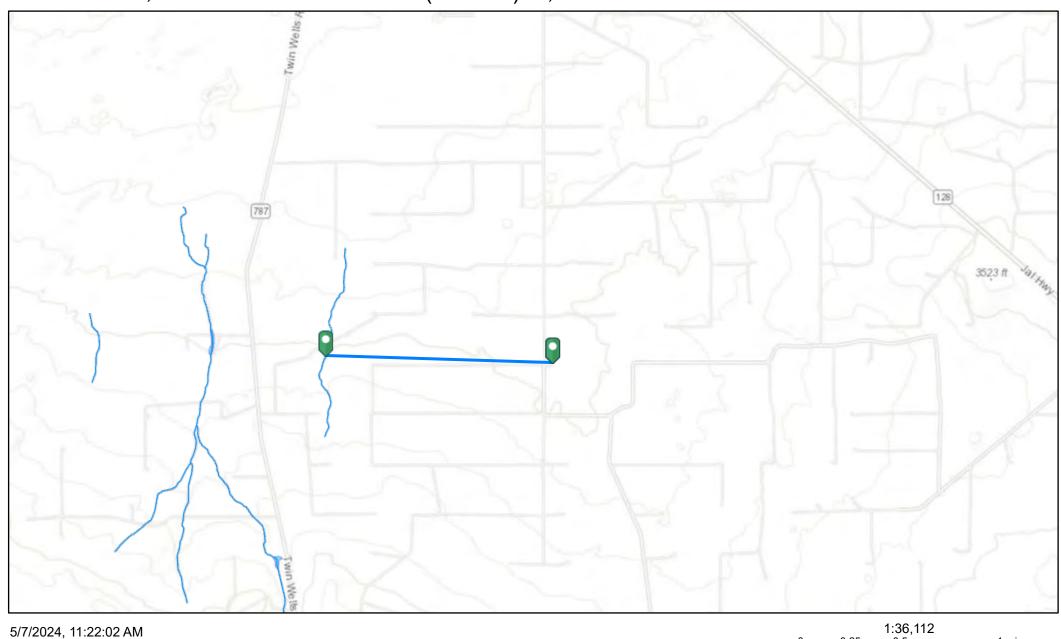
Freshwater Pond

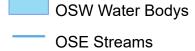
Lake

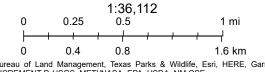
Other

Riverine

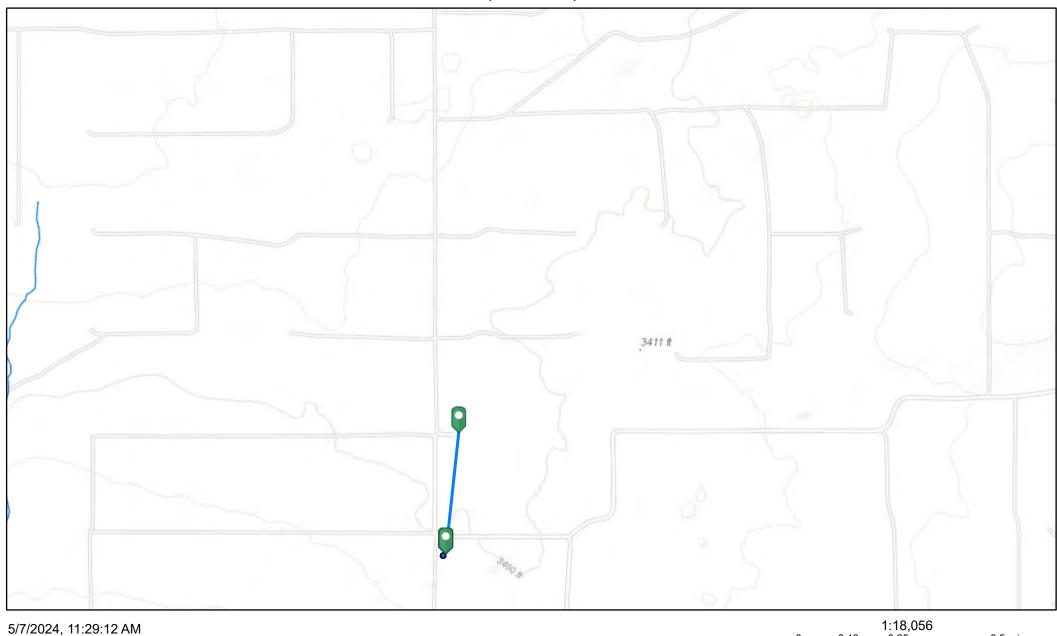
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.







Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA, NM OSE



Active

OSE Water PODs

0 0.13 0.25 0.5 mi

Bureau of Land Management, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA, NM OSE

Plugged

OSE Streams

FO10. C-2783



NEW MEXICO OFFICE OF THE STATE ENGINEER

APPLICATION FOR PERMIT TO DRILL A WELL WITH NO CONSUMPTIVE USE OF WATER



(check applicable box):

Purpose:	☐ Pollution Control And / Or Recovery	☐ Geo-Thermal
☐ Exploratory	☐ Construction Site De-Watering	☑ Other (Describe): Well Productivity Test:
	☐ Mineral De-Watering	3.00 a.f. requested. Water to be stored and discharged at
A separate permit wi	TEMPORARY If be required to apply water to beneficial use.	METER REQUIRED See CONDITION of Approval No.
	est - Requested Start Date: 6/1/2012	Requested End Date: 6/1/2014
		2-11
Plugging Plan of Op	erations Submitted? Yes No	는 보고
		23 23
. APPLICANT(S)		ER OFF
Name: U.S. Departn Waste Isolation Pilo		Name: 21 3E
Contact or Agent: Daniel J. Ferguson	check here if Agent [Contact or Agent: check here if Agent
Mailing Address: P.C). Box 2078	Mailing Address:
City: Carlsbad		City:
State: NM	Zip Code: 88220	State: Zip Code:
Phone: 575-234-70 1 Phone (Work): 575- 2		Phone:
	niel.Ferguson@wipp.ws	E-mail (optional):

File Number: (-2783

Trans Description (optional): *

Sub-Basin: C
PCW/LOG Due Date:

Trn Number:

Page 1 of 3

Well & Aquifer Test

ROSWELL THE ENGINEER OFFICE

2. WELL(S) Describe the well(s) applicable to this application.



 NM State Plane (NAD83) NM West Zone NM East Zone NM Central Zone 		UTM (NAD83) (Mete ⊒Zone 12N ⊴Zone 13N	Ers) Lat/Long (WGS84) (to the nearest 1/10 th of second)
Well Number (if known):	X or Easting or Longitude:	Y or Northing or Latitude:	Optional: Complete boxes labeled "Other" below with PLSS (Public Land Survey System, i.e. Quarters, Section, Township, Range); Hydrographic Survey Map & Tract; Lot Block & Subdivision; OR Land Grant Name if known.
C-2783-POD2	-103, 47, 26.90	32, 14, 49.40	SW/4 SW/4 SW/4 NW/4, Section 04, T. 24S., R. 31E
			- 10
			STATE EN ROS WELL ZÜLZ APR
			P 23 P
NOTE: If more well location Additional well descriptions Other description relating well	s are attached:	Tes 🖾 No	WR-08 (Attachment 1 – POD Descriptions):
Well is on land owned by: U.S	5. Department Of Int	erior Bureau Of L	and Management
Well is on land owned by: U.S Well Information: NOTE: If n If yes, how many			and Management cribed, provide attachment. Attached? ☐ Yes ☒ No
Well Information: NOTE: If n	nore than one (1) w	ell needs to be des	
Well Information: NOTE: If n If yes, how many Approximate depth of well (fee	nore than one (1) we et): 672.00	ell needs to be des	cribed, provide attachment. Attached? Yes No
Well Information: NOTE: If n If yes, how many Approximate depth of well (fee Driller Name: Stewart Brothe ADDITIONAL STATEMENTS I two-part test of existing W In the well, which will result rell will be pumped again to equested for diversion, with rosion. his request is made to rene	et): 672.00 ers Drilling Co. GOR EXPLANATION IPP Monitoring Well in an initial pumpin study the characte the water generate w permission to app	#H-9bR (OSE # C- g of about 30,000 g ristics of the Culeb d to be stored on to	outside diameter of well casing (inches): 5.50

FOR OSE INTERNAL USE

Application for Permit, Form wr-07

File Number:

Trn Number: 502666

4. SPECIFIC REQUIREMENTS: The applicant must include the following, as applicable to each well type. Please check the appropriate boxes, to indicate the information has been included and/or attached to this application: Exploratory: Pollution Control and/or Recovery: Construction Mine De-Watering: ☐ Include a De-Watering: ☐ Include a plan for pollution Include a plan for pollution description of control/recovery, that includes the Include a description of the control/recovery, that includes the following: any proposed following: proposed dewatering ☐ A description of the need for mine. pump test, if A description of the need for the operation, dewatering. applicable. pollution control or recovery operation. The estimated duration of ☐ The estimated maximum period of time ☐ The estimated maximum period of the operation. for completion of the operation. time for completion of the operation. ☐ The maximum amount of The source(s) of the water to be diverted. ☐ The annual diversion amount. ☐The geohydrologic characteristics of the water to be diverted. The annual consumptive use A description of the need aquifer(s). amount. for the dewatering operation, ☐The maximum amount of water to be ☐ The maximum amount of water to be diverted per annum. diverted and injected for the duration of A description of how the ☐The maximum amount of water to be the operation. diverted water will be disposed diverted for the duration of the operation. ☐ The method and place of discharge. of. The quality of the water. Monitoring: ☐ The method of measurement of ☐The method of measurement of water Geo-Thermal: Include the water produced and discharged. ☐ Include a description of the diverted. reason for the ☐ The source of water to be injected. ☐The recharge of water to the aquifer. geothermal heat exchange The method of measurement of monitoring project. Description of the estimated area of water injected. hydrologic effect of the project. well, and, ☐ The amount of water to be ☑ The The characteristics of the aquifer. The method and place of discharge. diverted and re-injected for the The method of determining the ☐An estimation of the effects on surface duration project, resulting annual consumptive use of water rights and underground water rights of the planned ☐ The time frame for water and depletion from any related from the mine dewatering project. monitoring. constructing the geothermal A description of the methods employed to stream system. heat exchange project, and, Proof of any permit required from the ☐ The duration of the project. estimate effects on surface water rights and New Mexico Environment Department. Preliminary surveys, design underground water rights. An access agreement if the data, and additional □Information on existing wells, rivers, applicant is not the owner of the land on springs, and wetlands within the area of information shall be included to which the pollution plume control or hydrologic effect. provide all essential facts recovery well is to be located. relating to the request. **ACKNOWLEDGEMENT** I, We (name of applicant(s)), Daniel Ferguson for DOE WIPP Print Name(s) affirm that the foregoing statements are true to the best of (my, our) knowledge and belief. Applicant Signature **Applicant Signature** U **TEMPORARY ACTION OF THE STATE ENGINEER** This application is: X approved partially approved ☐ denied provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare and further subject to the attached conditions of approval Witness my hand and seal this 24th day of APC; L 20 12, for the State Engineer, Application for Permit, Form wr-07 FOR OSE INTERNAL USE

File Number: (-7)

Trn Number: 502666

Page 3 of 3

TEMPORARY

NEW MEXICO STATE ENGINEER OFFICE PERMIT TO TEST WELL & TEST AQUIFER

SPECIFIC CONDITIONS OF APPROVAL

- A totalizing meter shall be installed before the first branch of the discharge line from the well and the installation shall be acceptable to the State Engineer; the Engineer shall be advised of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of water; pumping records shall be submitted to the District Supervisor on or before the 10th of Jan., April, July, and Oct. of each year for the 3 preceeding calendar months.
- 7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.

NO WATER SHALL BE DIVERTED FROM THIS WELL EXCEPT FOR WELL TESTING AND THE ANALYSIS OF AQUIFER PROPERTIES WHICH SHALL COMMENCE ON JUNE 1, 2012 AND TERMINATE ON OR BEFORE JUNE 1, 2014.

THE MAXIMUM DIVERSION OF WATER FROM THIS WELL FOR TESTING PURPOSES SHALL NOT EXCEED 3.00 ACRE FEET TOTAL FOR THE DURATION OF THE PROJECT. ANY DIVERSION OF WATER MADE IN EXCESS OF THE AUTHORIZED MAXIMUM DIVERSION AMOUNT SHALL BE REPAID WITH TWICE THE AMOUNT OF THE OVER-DIVERSION. REPAYMENT SHALL BE MADE BY ACQUIRING OR LEASING A VALID, EXISTING CONSUMPTIVE-USE WATER RIGHT IN AN AMOUNT EQUAL TO THE REPAYMENT AMOUNT AND SUMBMITTING TO THE STATE ENGINEER FOR HIS APPROVAL A PLAN FOR THE PROPOSED REPAYMENT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd: Date Rcvd. Corrected:
Formal Application Rcvd: 04/23/2012 Pub. of Notice Ordered:
Date Returned - Correction: Affidavit of Pub. Filed:

This application is approved provided it is not exercised to the detriment of any others having existing rights, and is not contrary to the conservation of water in New Mexico nor detrimental to the public welfare of the state; and further subject to the specific conditions listed previously.

Witness my hand and seal this 24 day of Apr TATD : 2012

Scott A. Verhinës, P.E. , State Engineer

y: Du Juan Bill Duemling, Basin Supv. METER REQUIRED
See CONDITION of Approval No.

Trn Desc: C 02783: PUMPING TEST PERMIT

File Number: C 02783

Trn Number: 502666

Locator Tool Report

General Information:

Application ID:30

Date: 04-24-2012

Time: 16:23:41

WR File Number: C-02783-POD2

Purpose: POINT OF DIVERSION

Applicant First Name: DEPT. OF ENERGY (WIPP)
Applicant Last Name: MONITOR WELL TEST: 3.00 A.F.

GW Basin: CARLSBAD County: EDDY

Critical Management Area Name(s): NONE Special Condition Area Name(s): NONE

Land Grant Name: NON GRANT

PLSS Description (New Mexico Principal Meridian):

SW 1/4 of SW 1/4 of SW 1/4 of NW 1/4 of Section 04, Township 24S, Range 31E.

Coordinate System Details:

Geographic Coordinates:

Latitude: Longitude: 32 Degrees 14 Minutes 49.4 Seconds N 103 Degrees 47 Minutes 26.9 Seconds W

Universal Transverse Mercator Zone: 13N

 NAD 1983(92) (Meters)
 N: 3,568,462
 E: 613,911

 NAD 1983(92) (Survey Feet)
 N: 11,707,529
 E: 2,014,140

 NAD 1927 (Meters)
 N: 3,568,260
 E: 613,960

 NAD 1927 (Survey Feet)
 N: 11,706,867
 E: 2,014,299

State Plane Coordinate System Zone: New Mexico East

 NAD 1983(92) (Meters)
 N: 138,390
 E: 216,123

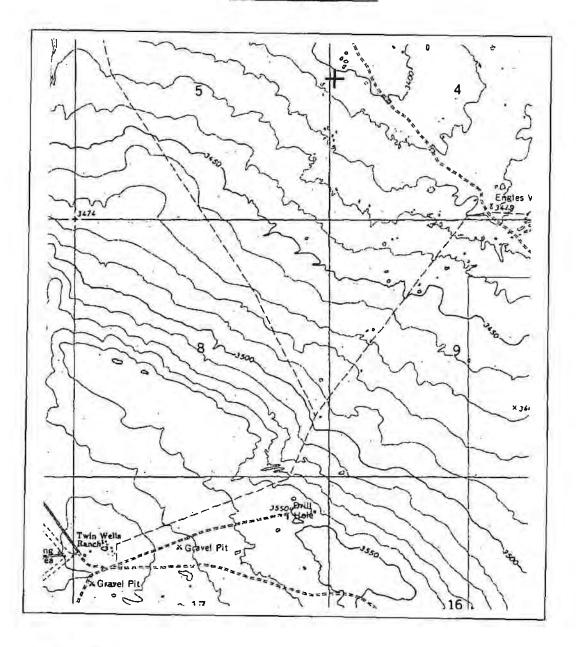
 NAD 1983(92) (Survey Feet)
 N: 454,036
 E: 709,063

 NAD 1927 (Meters)
 N: 138,372
 E: 203,570

 NAD 1927 (Survey Feet)
 N: 453,977
 E: 667,879

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report





Northing/Easting: UTM83(92) (Meter): N: 3,568,462

Northing/Easting: SPCS83(92) (Feet): N: 454,036

E: 709,063

E: 613,911

GW Basin: Carlsbad

Page 2 of 2

Print Date: 04/24/2012

Scott A. Verhines, P.E. State Engineer



swell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

STATE OF NEW MEXICOOFFICE OF THE STATE ENGINEER

Trn Nbr: 502666 File Nbr: C 02783

TEMPORARY

Apr. 24, 2012

DANIEL J. FERGUSON
U.S. DEPT. OF ENERGY - WIPP
P.O. BOX 3090
CARLSBAD, NM 88221-3090

Greetings:

Enclosed is your copy of the above numbered permit that has been approved subject to the conditions set forth on the approval page.

For your convenience, blank meter report forms are enclosed.

Sincerely,

Bill Duemling (575) 622-6521

Enclosure

explore

METER RECUESED
See CONDITION of Approval No.

5















































































































March 20, 2024

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 03/15/24 8:47.

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

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: BOTTOM SAMPLE 1 (H241348-01)

BTEX 8021B

DIEX 8021B	nig	ky	Allalyze	и ву: эп					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	195	97.3	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	191	95.7	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.0	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg & Freene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 2 (H241348-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	195	97.3	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	191	95.7	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					
Surrogate: 1-Chlorooctane	131 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	120 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 3 (H241348-03)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	< 0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	195	97.3	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	191	95.7	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	124 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 %	6 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 4 (H241348-04)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	195	97.3	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	191	95.7	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.9	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: BOTTOM SAMPLE 5 (H241348-05)

BTEX 8021B

DILX OUZID	ıııg,	K9	Allulyzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	195	97.3	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	191	95.7	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	81.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.5	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 6 (H241348-06)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	195	97.3	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	191	95.7	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	132	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 7 (H241348-07)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	< 0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	195	97.3	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	191	95.7	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	82.2 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.0	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 8 (H241348-08)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	195	97.3	200	3.60	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	191	95.7	200	5.60	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	121 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celeg & Frence



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 9 (H241348-09)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	147	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: BOTTOM SAMPLE 10 (H241348-10)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	89.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.7	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 11 (H241348-11)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.5	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 12 (H241348-12)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	138 9	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 13 (H241348-13)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					
Surrogate: 1-Chlorooctane	105	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 14 (H241348-14)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 15 (H241348-15)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					
Surrogate: 1-Chlorooctane	108	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	135	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: BOTTOM SAMPLE 16 (H241348-16)

BTEX 8021B

DILX GOZID	ıııg,	ng .	Andryzo	.u Dy. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	90.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 17 (H241348-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	< 0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	03/18/2024	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					
Surrogate: 1-Chlorooctane	112 9	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	140 9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: Sample Received By: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 18 (H241348-18)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.21	110	2.00	3.00	
Toluene*	<0.050	0.050	03/16/2024	ND	2.26	113	2.00	1.62	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.40	120	2.00	1.01	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.21	120	6.00	1.42	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	78.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.1	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 19 (H241348-19)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/15/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/15/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/15/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/15/2024	ND					
Surrogate: 1-Chlorooctane	113	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	143	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 20 (H241348-20)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/15/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.0	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/08/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 21 (H241348-21)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/15/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	82.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.2	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 22 (H241348-22)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/15/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	106	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	137	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 23 (H241348-23)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/15/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	114 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	144	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 24 (H241348-24)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/15/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	86.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.4	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 25 (H241348-25)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/15/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	116	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	147	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 26 (H241348-26)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/15/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.3	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 27 (H241348-27)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	114	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	145	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 28 (H241348-28)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	183	91.3	200	1.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	4.20	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	77.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.4	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 29 (H241348-29)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	120	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 30 (H241348-30)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	128	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	127	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 31 (H241348-31)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	118 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	116 9	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 32 (H241348-32)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	125 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 33 (H241348-33)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118 9	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 34 (H241348-34)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 35 (H241348-35)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	86.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	88.0	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 36 (H241348-36)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	126	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 37 (H241348-37)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	464	116	400	10.9	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	126 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	125	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 38 (H241348-38)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.25	113	2.00	2.66	
Toluene*	<0.050	0.050	03/16/2024	ND	2.10	105	2.00	5.15	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.07	104	2.00	7.25	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.11	102	6.00	8.05	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.2	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 39 (H241348-39)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/15/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	112 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	111 9	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 40 (H241348-40)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/15/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	120	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 41 (H241348-41)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	119	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	118	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 42 (H241348-42)

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	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	110 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106 9	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 43 (H241348-43)

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	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	122 %	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 44 (H241348-44)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	125	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	124	% 49.1-14	18						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 45 (H241348-45)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	109	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	106	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 46 (H241348-46)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	124	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	122	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 47 (H241348-47)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	115	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	114	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 48 (H241348-48)

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	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	< 0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/16/2024	ND	187	93.4	200	1.92	
DRO >C10-C28*	<10.0	10.0	03/16/2024	ND	194	96.9	200	1.45	
EXT DRO >C28-C36	<10.0	10.0	03/16/2024	ND					
Surrogate: 1-Chlorooctane	102 %	6 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101 %	6 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 49 (H241348-49)

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	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	89.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 50 (H241348-50)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	96.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	98.9	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 51 (H241348-51)

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	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	96.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	99.2	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 52 (H241348-52)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	92.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.7	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 53 (H241348-53)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	94.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	97.4	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 54 (H241348-54)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	94.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	96.9	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/11/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 55 (H241348-55)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	102	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.0	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos Project Number: (1-20-21 / 1-20-22)

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 56 (H241348-56)

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	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 57 (H241348-57)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	416	104	400	3.77	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.7	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 58 (H241348-58)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	2.03	
Toluene*	<0.050	0.050	03/16/2024	ND	2.18	109	2.00	2.51	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.12	106	2.00	2.43	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.37	106	6.00	2.15	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.2	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 59 (H241348-59)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	89.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 60 (H241348-60)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 % 71.5-134		4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	91.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.3	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 61 (H241348-61)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109 % 71.5-134		4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	91.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 62 (H241348-62)

94.6 2 97.7 2 95.3 2	2.00 5. 2.00 4. 2.00 3.	PD Qualifier 08 21 86 30
97.7 2 95.3 2	2.00 4. 2.00 3.	21 86
95.3 2	2.00 3.	86
97.3 6	5.00 4.	30
Recovery True \	Value QC RI	PD Qualifier
108	400 0.	00
Recovery True \	Value QC RI	PD Qualifier
101	200 4.	69
105	200 3.	30
	Recovery True	108 400 0.4 Recovery True Value QC RF 101 200 4.4

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 63 (H241348-63)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	91.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.3	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: BOTTOM SAMPLE 64 (H241348-64)

BTEX 8021B

	9/	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	88.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.3	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 65 (H241348-65)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 % 71.5-134		4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	91.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.2	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 66 (H241348-66)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	91.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.1	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 67 (H241348-67)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	89.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	90.1	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 68 (H241348-68)

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	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	202	101	200	4.69	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	210	105	200	3.30	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	84.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	86.3	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 69 (H241348-69)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: BOTTOM SAMPLE 70 (H241348-70)

BTEX 8021B

	9/	9	7						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	93.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.4	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 71 (H241348-71)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	92.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	82.1	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 72 (H241348-72)

BTEX 8021B	mg,	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	84.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.0	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 73 (H241348-73)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.5	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 74 (H241348-74)

BTEX 8021B	mg,	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	90.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.1	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: BOTTOM SAMPLE 75 (H241348-75)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.9	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 76 (H241348-76)

RTFY 8021R

B1EX 8021B	mg	/ kg	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	85.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.8	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: BOTTOM SAMPLE 77 (H241348-77)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 78 (H241348-78)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	1.89	94.6	2.00	5.08	
Toluene*	<0.050	0.050	03/15/2024	ND	1.95	97.7	2.00	4.21	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	1.91	95.3	2.00	3.86	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	5.84	97.3	6.00	4.30	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	85.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.7	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Dionica Hinojos Project Number: (1-20-21 / 1-20-22)

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 79 (H241348-79)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/15/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.2	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 80 (H241348-80)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/15/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.2	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 81 (H241348-81)

RTFY 8021R

B1EX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/15/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	77.3	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 82 (H241348-82)

BTEX 8021B	mg	/kg	Analyze	ed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/15/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	90.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: BOTTOM SAMPLE 83 (H241348-83)

BTEX 8021B

	9/	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/15/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	90.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 84 (H241348-84)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/15/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21 / 1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 85 (H241348-85)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/15/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	85.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.0	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 86 (H241348-86)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/15/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	81.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	70.7	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 87 (H241348-87)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/15/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	84.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	74.2	% 49.1-14	8						

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Celeg & Frence



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: BOTTOM SAMPLE 88 (H241348-88)

BTEX 8021B

	9/	9	71.14.1, = 0	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/15/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	198	98.8	200	3.63	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	211	105	200	6.11	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	80.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	71.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 89 (H241348-89)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/15/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/15/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/15/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/15/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/15/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	QM-07
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	82.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						
Surrogate: 1-Chlorooctadecane	91.8	% 49.1-14	8						

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Celeg & Freene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21 / 1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 90 (H241348-90)

RTFY 8021R

alue QC RPD Qua 00 3.37 00 7.18 00 8.79 00 9.76
00 7.18 00 8.79
00 8.79
9.76
alue QC RPD Qua
00 3.64
alue QC RPD Qua
00 4.42
00 2.94

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Celey D. Keine



Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

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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Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

Iny Name: BBC International, Inc.

boo international, Inc.	DIII TO		
Project Manager: Cliff Brunson	BO #		ANALYSIS REQUEST
Address: P.O. Box 805			
City: Hobbs State: NM 7:	88341		
Phone #: 575-397-6388 Fax #: 575-397-0397			
0			
Project Name: SUNDANCE 4-32 SWD (1-20-21/1-20-22)	city:		
Project Location: New Mexico			
1.0	Phone #:		
┑	Fax		
OMP.		X	
Sample I.D.		Chlor BTE TPH	
BOTTOM SAMPLE 1	\$ S	\	
BOTTOM SAMPLE 3	3-8-24 8:53AM	\ \ \ \ \	
E BOTTOM SAMPLE 4	3-8-24 9:04AM	9	
S BOTTOM SAMPLE 5	3-8-24 9:15AM	000	
BOTTOM SAMPLE 6	3-8-24 9:41AM		
8 BOTTOM SAMPLE /	3-8-24 9:55AM	9	
	3-8-24 10:07AM	•	
60 BOTTOM SAMPLE 10	3-8-24 10:16AM	,	
exclusive remedy	ising whether based in contract or lort, shall be limited to the amount and to the	۲	
lamages ficili	Cardinal virloss of p	fre applicable laries,	
52.0	Halthan Result. REMARKS:	esult:	Add'l Phone #: Add'l Fax,#:
d By: (Circle One)	Sample Condition CHECKED BY: Cool Intagt (Initials)		
† Cardinal cannot accept verbal changes. Please fax written changes to 505 207 2076	itten changes to 505 303 3476		
	itten changes to 505-393-2476		

Page 93 of 101

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Droingt No.			BILL TO	0				
Address: P.O. Roy 805	Roy 805		P.O. #:		-	1	ANALTSIS	REQUEST
city: Hobbs	State: NM	!	Company: Oxy					
Phone #: 575-397-6388	Fay #	575-307 0307	Attn:				_	
Project #:	0	OXV	Address:					
Project Name: S	Project Name: SUNDANCE 4-32 SWD (1-20-21/1-20-22)							
Project Location:	: New Mexico		State: Zip:		_			
Sampler Name:			Phone #:					
EUBI VBINES UMINO.	GINION KENDON		Fax #:		Q	+		
The Law Indiana		MATRIX	PRESERV. SAMPLING					
Lab I.D.	Sample I.D.	DGE	/BASE:		Chlor	TPH		
P	BOTTOM SAMBLE 11	GR WA SO	-	TIME				
7	BOTTOM SAMPLE 13	- 6	3-8-24	10:44AM	\	\	+	
W. B.	BOTTOM SAMBLE 13		3-8-24	11:02AM	<	<		
14 B	BOTTOM SAMPLE 14		3-8-24	11:14AM	,	,		
7. B	BOTTOM SAMPLE 15		3-8-24	11:25AM	,	•		
9	BOTTOM SAMPLE 16		3-8-24	11:41AM	,	•		
	BOTTOM SAMPLE 17		3-8-24	11:54AM	0	<		
/K B	BOTTOM SAMPLE 18		3-8-24	12:40PM	,	,		
7 B	BOTTOM SAMPLE 19		3-8-24	12:52PM	'	,		
8	BOTTOM SAMPLE 20		3-8-24	1:05PM	,	•		
PLEASE NOTE: Liability and Durinallyses. All claims, including the	amages Cardinal's liability and client's exclusive remedy for any cl	ny claim arising whether based in contract or t		1:16PM	'			
service In no event shall Cardin affiliates or successors arising ou Relimquished By:	es ver	shall be deemed waived unless made in writing and received t including without limitation, business interruptions, loss of use, der by Cardinal regardless of where such claim is based up	o 3 ≤ 5	when amount paid by the client for the within 30 days after completion of the applicable (a) incurred by client, as subsidiaries, it allows statled reasons or otherwise.	dicable			
K	TR.3-11-24	Received By	111	Phone Result:	0 0	ON O	Add'l Phone #:	
Relinquished By:	Date 3-15-24	Received By:	Homa	REMARKS:	L Yes		Add'l Fax #:	
Malta Delivered By: (Circle One)	W. The Will	2	CHECKED BY:					
Sampier - UPS - B	Bus - Other: 共口	D No D No	S (initials)					
T Cardinal can	Cardinal Cannot accept verbal changes. Please fax written changes to 505-393-2476	fax written changes to 505	-393-2476					

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

					-393-2476	ritten changes to 505	hanges. Please fax w	Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	I cardinal c
					CHECKED BY:	Sample Condition Cool Intact Pres Pres No No	#140	By: (Circle One) PS - Bus - Other:	Delivered By: (Circle One) Sampler - UPS - Bus - Other
	Add'l Phone #: Add'l Fax #:	O No A	□ Yes	Fax Result: REMARKS:	Mena	Strack	30	Total .	Raimquistage
			-	above stated reasons or otherwise	s of use, or loss of politis incurred by assed upon any of the above stated it	artomance of services heavarder by Cardinal (spacedoss of white sup claim is based upon any	Date: 3-15-24 Rec	y:	Refinquished By:
E				ad by the client for the er completion of the appli	ceived by Cardinal within 30 days at	waived unless made in writing and re	cause whatsoever shall be deemed of the deemed of the shall be deemed.	negligence an able for inciden	ervice in no event shall Ca
		' '		10:31AM	3-11-24	arising whether have in control	ent's exclusive remedy for any claim arising	d Damages, Cardinar's liability and cli	PLEASE NOTE: Liability an
				10:18AM	3-11-24		E 29	BOTTOM SAMPLE 29	25
				10:07AM	3-11-24		E 28	BOTTOM SAMPLE 28	88
		•	-	9.53AM	3-11-24		.E 27	BOTTOM SAMPLE 27	200
		•	,	O.AAAM	3-11-24		.E 26	BOTTOM SAMPLE 26	26
		•	,	MACI 's	3-11-24		E 25	BOTTOM SAMPLE 25	35
		•		0.4500	3-11-24		.E 24	BOTTOM SAMPLE 24	2
		*	•	9:04AM	3-11-24		E 23	BOTTOM SAMPLE 23	50
		•	,	8:50AM	I 3-11-24	-	E 22	BOTTOM SAMPLE 22	200
F		1		1:26PM	7	1	C	BOTTOM SAMPLE 21	38
				TIME	ACID ICE / OTHE	# CO GRO WAS SOIL		BOTTOM SAMP	0
		T	E	^	(BAS	DUND STEW DGE			
		PH	37 6			WATER	DR (C)	Sample I.D.	Lab I.D.
		E		SAMPLING	TARGERY, SAM	S ER	OMP.		8 revet
		X			2000	MATRIX			FOR LAB USE ONLY
_		+			Fax #		DON	SIMON RENDON	Sampler Name:
		_			#			2	Project Location:
					State: Zip:	0-22)	SWD (1-20-21/1-2		r oject Name
-		_			City:	Оху	Project Owner: Oxy	CHADANOTAG	Project N.
\					Address:	575-397-0397	Fax #: 575-3	0.001-0.000	Project #
						Zip: 88241	State: NM Z	5 307 6300	Phone # 575-307 6300
					Company: Oxy				City Hobbs
1					P.O. #:			O. Box 805	Address: P.O. Box 805
	ANALYSIS REQUEST			0	BILL TO		oriei, IIIC.		Project Manager:
							onal Inc	me: BBC International	Company Name:

-	company N	60
	ame:	AR
	e: BBC International, Inc.	4RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Project Manager: Cliff Brimon	BILL TO	
~	P.O. #:	מומר ופוס ארשטרטן
obs	Company: Oxy	
5-397-6388 State: N	41	
Pax #:	5/5-397-0397 Address:	
ame: SUNDANCE 4-32	City:	
Project Location: New Mexico	1-20-22) State: Zip:	
	Phone #:	
FOR LABUSE ONLY	Fax #:	
A Thirth Person and the second and t	MATRIX	(
Lab I.D. Sample I.D.	WATER ATER	PH
	G)RAB CONTA ROUND ASTEW DIL UDGE THER CID/BASI E/COO HER	B
BOTTOM SAMPLE 31	S S S S S S S S S S S S S S S S S S S	
BOTTOM SAMPLE 32		
BOTTOM SAMPLE 33	3-11-24 11:04AM	
35 BOTTOM SAMPLE 35	3-11-24 11:16AM	
BOTTOM SAMPLE 36	3-11-24 11:29AM	
7	3-11-24 11:42AM	
BOTTOM SAMPLE 38	3-11-24 11:57AM	
37 BOTTOM SAMPLE 39	12:08PM	
D	12:42PM	
usive ren	nedy for any claim arising whether based in contract or fort, shall be finited to the amount paid by the client for the	
Refinquished By. Refinquished By.	including without limitation, buseness fluenuptions, base of use, or buy of profits including without project of the applicable date by Cardinal, regardless of white for such claim is based upon pluy of the above stated reasons or otherwise.	Arable
The A		□ Yes □ No
Relinquished By:	Received By:	No
Delivered By: (Circle One)	Sample Condition CHECKED BY:	
† Cardinal cannot accept verbal changes. Please fax written changes to Form	Written change to For the state of the state	
g	written changes to 505-393-2476	

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Cliff Brunson	BILL TO	ANALYSIS REQUEST
Address: P.O. Box 805		
City: Hobbs State: NM 2	Zip: 88241 Attn.	
Phone #: 575-397-6388 Fax #: 575-3	0397	
Project #: Project Owner: Oxy		
Project Name: SUNDANCE 4-32 SWD (1-20-21/1-20-22)	State:	
Project Location: New Mexico	Dhan # Zip.	
Sampler Name: SIMON RENDON	Fav #	
FOR LAB USE ONLY	MATRIX PRESERV SAMPLING	
Lab I.D. Sample I.D.	ONTAINERS OUNDWATER STEWATER L DOGE HER: D/BASE: VEOOL	CHIONI BTEX TPH
	SI O	1
92 BOTTOM SAMPLE 42		
BOTTOM SAMPLE 43	3-11-24 1:28PM	
BOTTOM SAMPLE 44	3-11-24 1:40PM	
C ROTTOM SAMPLE 45	3-11-24 1:51PM	
BOTTOM SAMPLE 45	3-11-24 2:04PM	
BOTTOM SAMPLE 48	-	, , ,
BOTTOM SAMPLE 49		•
BOTTOM SAMPLE 50	3-11-24 2:53PM	
analyses. All claims including those for negligence and any other cause whatsoever shall be depended as a service. In no event shall Cardinal be land for incidental or consequental diffinges, including when developed wheeling affiliates or successors arising out of of relified to the performance of services hereunder by Cardinal regardless.	aim arising whether based in contract or tort, shall be limited to tag amount paid by the client for the ed wared unless made in writing and received by Cardinal Althin Bd days after completion of the appli out limitation, business intemptions, loss of use or loss of profits incurred by client, its subsidiaries, all regardless of whether the contractions have been applied to the contraction of the subsidiaries.	cable
St. No. 8 mil.	Received By: Phone Result: Fax Result: REMARKS:	suit: Yes No Add'I Phone#: Ilt: Yes No Add'I Fax#: S:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample/Condition CHECKED BY: Cool Intact (Initials) Yes Yes (Initials)	
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	india - I	

Page 97 of 101

Company Name: BBC Internat RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

COO III CIII ALIONAI, INC.	DII 1 WA	
Project Manager: Cliff Brunson	BO #	ANALYSIS REQUEST
Address: P.O. Box 805	*	
City: Hobbs State: NM 7: 88241		
5-307-		
5	Address:	
ame: SUNDANCE 4-32 SW	City:	
Project Location: New Mexico	State: Zip:	
Sampler Name: SIMON BENIDON	Phone #:	
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	ESERV. SAMPLING	E .
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Sample I.D.	BT	TPA
BOTTOM SAMPLE 51	S O A	
BOTTOM SAMPLE 52	3-11-24 3-19PM	
BOTTOM SAMPLE 53	, ,	
BOTTOM SAMPLE 55	•	
56 BOTTOM SAMPLE 56	3:54PM	
~	8:25AM	
0	8:37AM	
59 BOTTOM SAMPLE 59	8:51AM	
BOTTOM SAMPLE 60	3-12-24 9:05AM	
ims includir	2	
fillules or successors arising out of or related to incidental or consequental duringles, including without initiation, but fillules or successors arising out of or related to the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the performance of services hereunder by Cardinal legandless of with the per	within 30 days after arofils incurred by di se above stated rear	
Times North	REMARKS: Yes	No Add'l Phone #: No Add'l Fax #:
Received		
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written c	NO LI NO	
changes. Flease rax written ch	anges to 505-393-2476	

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3

ompany Name: BBC International, Inc.	impany Name:
(505) 393-2326 FAX (505) 393-2476	(5)
101 East Marland, Hobbs, NM 88240	1
ARDINAL LABORATORIES	AR

Project Manager: Cliff Bourges		BILL TO	70			ANALYSIS REQUEST
I roject manager. CIII Brinson		DO #			1	הואחרוסוס וארשטרטו
Address: P.O. Box 805					_	
City: Hobbs State: NM	7 Zip: 88241	Attn: Oxy			_	
5-397-6388 Fax #:	5-397-0	Address:				
Project #: Project Owner: Oxy	ner: Oxy	City:				
Project Name: SUNDANCE 4-32 SWD (1-20-21/1-20-22)	1/1-20-22)	State: 7in.				
Project Location: New Mexico		#				
Sampler Name: SIMON RENDON		Eav #		10		
٦		1		io		
THE PROPERTY OF THE PROPERTY O		PRESERV. SA	SAMPLING	ori		
H2-41348 Lab I.D. Sample I.D.	(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL	OTHER: ACID/BASE: CE (COO) OTHER:	TIME	Chle	BT	
(/ BOTTOM SAMPLE 61	7	V	9	1	\	
62 BOTTOM SAMPLE 62		3-12-24		١.		
BOTTOM SAMPLE 63		3-12-24	24 9:56AM			
_		3-12-24	24 10:11AM			
BOTTOM SAMPLE 65		3-12-24	24 10:23AM			
BOTTOM SAMPLE 66		3-12-24	24 10:33AM			
BOTTOM SAMPLE 67		3-12-24	24 10:45AM			
80110M SAMPLE 68		3-12-24	24 10:58AM	,		
BOTTOM SAMPLE 69		3-12-24	24 11:12AM	۲	,	
LE 70	**	3-12-24	4 11:20AM	•		
those for negligence and any other cause whatsoever for formal be liable for incidental or consequental damages, out of or related to the performance of services.	any claim arising whether based in control deemed waived unless made in writing g without similation, business interruption and an important of the control and control an	act or fort, shall be limited to the amou and received by Cardinal within 30 day is, loss of use, or loss of profits incurred in the based times and the shall be sha	d to the amount paid by the client for the within 30 days after completion of the a profits incurred by client, its subsidiaries	pplicable		
Monday Date: 41	Received By:	of Hour	Phone Result: Fax Result: REMARKS:	00	Yes No	No Add'l Phone #: No Add'l Fax #:
Relinquished By: Date: 3/15- Timp:: 47	Received By:	of the state of th				
Sampler: IJPS - Rus - Other	5. Loc Sample Condition	tion CHECKED BY: (Initials)				
	ON CON CON CON CON CON CON CON CON CON C	O WH				

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 100 of 101

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476
Company Name: BBC International, Inc.

DOC IIII GIII GIIO IIII, INC.		BILL	5	l				
Project Manager: Cliff Brunson		PO #	9	1		ANALYSIS R	REQUEST	
Address: P.O. Box 805		7.0. 4.						+
City: Hobbs State: NM	7in: 88241	Company: Oxy						_
Phone #: 575-397-6388 Fax #: 575	-	Aun:						
Project #: Project Owner: Oxy		City.						
Project Name: SUNDANCE 4-32 SWD (1-20-21/1-20-22)					_			
Project Location: New Mexico		otate: Zip:						
Sampler Name: SIMON RENDON		Phone #:		e	+			
٦	L	Fax #:		1.	×			
	MP. MATRIX	PRESERV. SAM	SAMPLING	10				
Lab I.D. Sample I.D.	NERS WATER			410,	PH			
	G)RAB (CONTA GROUND VASTEW FOIL	THER : CID/BAS E COO THER :		0				
ROTTOM SAMPLE 81	1	γ	1:53PM		1	+		
BOTTOM SAMPLE 83	-	3-12-24	2:04PM	<				
_		3-12-24	2:15PM	9	-			
BOTTOM SAMPLE 85		3-12-24	2:26PM	9	,			
82 BOTTOM SAMPLE 86		3-12-24	2:39PM	,	-			
BOTTOM SAMPLE 87		3-12-24	3:02PM					
BOTTOM SAMPLE 89		3-12-24	3:12PM					
90 BOTTOM SAMPLE 90		3-12-24	3:20PM		•			
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any client's excl	laim arising whether based in contract or fort shall be	↓ 3-12-24	3:29PM		,			
by incidental or consequental damages, including water to the performance of services hereurder by Care Date: 1, 7, 1, 7, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	tmed waived unless made in writing and reo thout limitation, business interruptions, loss final, regardless of mether such claim is bat Recolved / Recolved / Reco	nade in writing and tecevied by Cardinal within 30 days after completion of the ess interruptions, loss of use, or loss of profits incurred by client, its subsidiars the besuch claim is buylly upon any of the above stated reasons or otherwise.	er completion of the all client, its subsidiaries easons or otherwise	pplicable				Ĺ
MON Bount of the MAN	Hast.	an	Phone Result: Fax Result: REMARKS:	00	Yes No	Add'l Phone #: Add'l Fax #:		
Delivered By: (Circle One)	Received By: Sample Condition	CHECKED BY:						
† Cardinal cannot accept worked the	No No	DI						
changes. Please fax written changes to 505-393-2476	written changes to 505-	-393-2476		1				



March 20, 2024

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 03/15/24 8:47.

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

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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,

Celey D. Keene

Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: BOTTOM SAMPLE 91 (H241349-01)

BTEX 8021B

DILX 6021D	ilig	r kg	Allalyze	a by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/16/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	ed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	81.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	89.2	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 92 (H241349-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/16/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	83.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/12/2024

Reported: 03/20/2024 Sampling Type: Soil
Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: BOTTOM SAMPLE 93 (H241349-03)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/16/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	80.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.8	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21/1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 1 (H241349-04)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/16/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	118 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.1	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21/1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 2 (H241349-05)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/16/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	6 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	83.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.4	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 3 (H241349-06)

RTFY 8021R

BIEX 8021B	mg	/кд	Anaiyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/16/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21/1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 4 (H241349-07)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/16/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	448	112	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	81.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 5 (H241349-08)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.19	110	2.00	3.37	
Toluene*	<0.050	0.050	03/16/2024	ND	2.34	117	2.00	7.18	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.52	126	2.00	8.79	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	7.45	124	6.00	9.76	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	85.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.3	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21/1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 6 (H241349-09)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.9	% 49.1-14	18						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 7 (H241349-10)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	85.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.6	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 8 (H241349-11)

RTFY 8021R

BIEX 8021B	mg	/ kg	Anaiyze	а ву: ЈН					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 71.5-13	4						
Chloride, SM4500Cl-B	mg	/kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	100	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	108	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21/1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 9 (H241349-12)

BTEX 8021B	mg,	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	93.1	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 10 (H241349-13)

BTEX 8021B

DILX OUZID	iiig/	, kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	97.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	109	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: Sample Received By: (1-20-21/1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 11 (H241349-14)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	112 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	96.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	104 9	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Applyzod By: 14

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 12 (H241349-15)

RTFY 8021R

B1EX 8021B	mg/	кд	Allalyze	a By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	88.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	94.0	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 13 (H241349-16)

BTEX 8021B

DILX GOZID	ıııg,	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	92.8	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 14 (H241349-17)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 9	71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	107 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	115 9	49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21/1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 15 (H241349-18)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	222	111	200	4.42	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	212	106	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	102 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	112 9	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 16 (H241349-19)

BTEX 8021B

DILX GOZID	iiig/	, kg	Andryzo	u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	115	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	86.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.5	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21/1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 17 (H241349-20)

BTEX 8021B	mg/	'kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	86.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.5	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Applyzod By: 14

Project Location: OXY -EDDY COUNTY, NM

ma/ka

Sample ID: SIDEWALL SAMPLE 18 (H241349-21)

RTFY 8021R

Result <0.050 <0.050 <0.050 <0.150 <0.300	0.050 0.050 0.050	Analyzed 03/16/2024 03/16/2024 03/16/2024	Method Blank ND ND	BS 2.24 2.14	% Recovery	True Value QC 2.00	RPD 7.53	Qualifier
<0.050 <0.050 <0.150	0.050 0.050	03/16/2024				2.00	7.53	
<0.050 <0.150	0.050		ND	2 14				
<0.150		03/16/2024		2.11	107	2.00	4.05	
	0.150	03/10/2027	ND	2.17	108	2.00	6.31	
<0.300	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
	0.300	03/16/2024	ND					
112	% 71.5-13	4						
mg	/kg	Analyze	d By: HM					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
32.0	16.0	03/18/2024	ND	416	104	400	7.41	
mg	/kg	Analyze	d By: MS					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
<10.0	10.0	03/18/2024	ND					
	0/ 40.2.12	,						
86.8	% 48.2-13	4						
; F	mg, Result 32.0 mg, Result <10.0 <10.0	mg/kg Result Reporting Limit 32.0 16.0 mg/kg Result Reporting Limit <10.0 10.0 <10.0 10.0	mg/kg Analyzed Result Reporting Limit Analyzed 32.0 16.0 03/18/2024 mg/kg Analyzed Result Reporting Limit Analyzed <10.0	mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank 32.0 16.0 03/18/2024 ND mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank <10.0	mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS 32.0 16.0 03/18/2024 ND 416 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS <10.0	mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery 32.0 16.0 03/18/2024 ND 416 104 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery <10.0	mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 32.0 16.0 03/18/2024 ND 416 104 400 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC <10.0	mg/kg Analyzed By: HM Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 32.0 16.0 03/18/2024 ND 416 104 400 7.41 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 410.0 10.0 03/18/2024 ND 196 97.8 200 5.18 410.0 10.0 03/18/2024 ND 195 97.6 200 0.903

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21/1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 19 (H241349-22)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	< 0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	88.3	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.2	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Dionica Hinojos Project Number: (1-20-21/1-20-22) Sample Received By:

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 20 (H241349-23)

BTEX 8021B

	9/	9	7	,					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	82.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.3	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 21 (H241349-24)

BTEX 8021B

DIEX GOZID	1119/	<u> </u>	Allulyzo	.u by. 511					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	108 9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	'kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	94.8	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	91.0	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 22 (H241349-25)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	106	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	81.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.1	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: Sample Received By: (1-20-21/1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 23 (H241349-26)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	< 0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	6 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	89.0 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	81.49	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 24 (H241349-27)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2024	ND	416	104	400	7.41	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	90.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	83.0	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 25 (H241349-28)

BTEX 8021B	mg	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/16/2024	ND	2.24	112	2.00	7.53	
Toluene*	<0.050	0.050	03/16/2024	ND	2.14	107	2.00	4.05	
Ethylbenzene*	<0.050	0.050	03/16/2024	ND	2.17	108	2.00	6.31	
Total Xylenes*	<0.150	0.150	03/16/2024	ND	6.45	107	6.00	7.16	
Total BTEX	<0.300	0.300	03/16/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	120	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	84.3	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: (1-20-21/1-20-22) Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 26 (H241349-29)

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	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	<0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.3	% 71.5-13	4						
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	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	94.0	% 48.2-13	4						
Cumpo ato, 1 Chloro atadasana	97.2	0/ 40.1.14	0						

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Project Location: OXY -EDDY COUNTY, NM

Sample ID: SIDEWALL SAMPLE 27 (H241349-30)

BTEX 8021B	mg/	/kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	<0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.2	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 28 (H241349-31)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	<0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.5	% 71.5-13	4						
Chloride, SM4500CI-B	mg/kg		Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	83.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	75.8	% 49.1-1 <i>4</i>	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 29 (H241349-32)

BTEX 8021B

	<u> </u>								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	<0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.3	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	94.4	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	85.3	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 30 (H241349-33)

BTEX 8021B

	9/	9	7	<u></u>					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	<0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.9	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	89.6	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.8	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 31 (H241349-34)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	<0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	90.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	80.9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 32 (H241349-35)

BTEX 8021B

DILX GOZID	11197	- Kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	< 0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	< 0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.8	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	79.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	72.9	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 33 (H241349-36)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	<0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.7	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	88.2	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	78.5	% 49.1-14	8						

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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: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 34 (H241349-37)

BTEX 8021B

DILX GOZID	11197	- Kg	Andryzo	u by. 311					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	< 0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	< 0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.9	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	86.1	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	76.9	% 49.1-14	8						

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Celeg D. Freene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 35 (H241349-38)

BTEX 8021B

				-					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	<0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	196	97.8	200	5.18	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	195	97.6	200	0.903	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	88.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	79.1	% 49.1-14	8						

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 36 (H241349-39)

BTEX 8021B

	9/	9	7	7: - 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	<0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	93.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	194	96.9	200	2.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	205	103	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	86.9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	102	% 49.1-14	8						

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact
Project Number: (1-20-21/1-20-22) Sample Received By: Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 37 (H241349-40)

BTEX 8021B

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Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	<0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.6	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	194	96.9	200	2.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	205	103	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.7	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	101	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 03/15/2024 Sampling Date: 03/13/2024

Reported: 03/20/2024 Sampling Type: Soil

Project Name: SUNDANCE 4-32 SWD Sampling Condition: Cool & Intact Project Number: Sample Received By: (1-20-21/1-20-22) Dionica Hinojos

Analyzed By: JH

Project Location: OXY -EDDY COUNTY, NM

mg/kg

Sample ID: SIDEWALL SAMPLE 38 (H241349-41)

BTEX 8021B

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/17/2024	ND	2.25	112	2.00	4.58	
Toluene*	<0.050	0.050	03/17/2024	ND	2.19	110	2.00	4.69	
Ethylbenzene*	<0.050	0.050	03/17/2024	ND	2.15	108	2.00	4.44	
Total Xylenes*	<0.150	0.150	03/17/2024	ND	6.26	104	6.00	4.60	
Total BTEX	<0.300	0.300	03/17/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	92.4	% 71.5-13	4						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	03/18/2024	ND	432	108	400	3.64	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/18/2024	ND	194	96.9	200	2.01	
DRO >C10-C28*	<10.0	10.0	03/18/2024	ND	205	103	200	3.15	
EXT DRO >C28-C36	<10.0	10.0	03/18/2024	ND					
Surrogate: 1-Chlorooctane	87.0	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	100	% 49.1-14	8						

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Celey D. Keine



Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

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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Celeg D. Freene

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST



						7110	Yes	Yes Yes	ghi#	#	- Bus - Other:	Sampler - UPS - Bus - Other
						CHECKED BY:	ndition	Sample Condition	1.60%	15	(Circle One)	Delivered By: (Circle One)
							}	ed by:	Deceived by:	Time: 315	alten	New Parks
3	Add'l Fax #:	N S	Yes	F	Fax Result: REMARKS:	Me	Me	Mia	3	1603	Lace H	P POMINE
			T V	ise	client, its subside	or loss of profits incurred by client, its subsidiaries on any of the above stated reasons or otherwise	such claim is based up	ess of whethe such	without limitation, busing ardinal, regardless of wh	services hereunder by Oa	dd Abe lable for incidental or consequental damages, including without limitation, business interruptions, loss of usign duit or related to the performance of services hereunder by Chalmal, legandless of whethy such claim is basedus. 1	service in no event shall Cardyna affiliates or successors arising out
		-		or the	aid by the client t	ill be limited to the amount p. y Cardinal within 30 days af	ontract or fort sha	whether based in or	emed waived	s exclusive remedy for an	PLEASE NOTE: Liability and Damages. Caldinal's liability and clent's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived in writing and received by Cardinal within 30 days after completion of the applicable.	PLEASE NOTE: Liability and analyses All claims including
					9:30AM	3-13-24		4	+	E7	SIDEWALL SAMPLE 7	8
				٠.	9:19AM	3-13-24				E 6	SIDEWALL SAMPLE	5-0
		'	,		9:08AM	3-13-24				E 5	SIDEWALL SAMPLE 5	X
		,	,	,	8:59AM	3-13-24				E4	SIDEWALL SAMPLE 4	2
		,	•	,	8:50AM	3-13-24				E 3	SIDEWALL SAMPLE 3	e
		`	,	•	8:38AM	3-13-24				E2	SIDEWALL SAMPLE 2	S
		•	,	,	8:30AM	3-13-24				E1	SIDEWALL SAMPLE 1	4
		,	,	,	4:02PM	3-12-24				93	BOTTOM SAMPLE 93	Ø
		_	<	<	3:49PM	3-12-24				92	BOTTOM SAMPLE 92	0
		_	<	<	3:40PM	3-12-24		7	7	91	BOTTOM SAMPLE 91	
		TPH	BTE	Chlo	TIME	OTHER:	SLUDGE OTHER : ACID/BASE:	GROUNDWATER WASTEWATER SOIL	(G)RAB OR (C)OMF # CONTAINERS		Sample I.D.	11841349 Lab I.D.
			X	-10	ING	PRESERV. SAMPLING		MATRIX	Ρ.			FOR LAB USE ONLY
		E		10			Fax #:			Z	SIMON RENDON	Sampler Name:
		x +				#	Phone #:				New Mexico	Project Location:
						: Zip:	State:		-20-22)	/D (1-20-21/1	SUNDANCE 4-32 SWD (1-20-21/1-20-22)	Project Name: S
							City:		Оху	Project Owner: Oxy		Project #:
						SS:	Address:	197	575-397-0397	Fax #: 575-		Phone #: 575-397-6388
							Attn:	8241	Zip: 88241	State: NM		city: Hobbs
						any: Oxy	Company:				Box 805	Address: P.O. Box 805
		4				75	P.O. #:				Project Manager: Cliff Brunson	Project Manager
S REQUEST	ANALYSIS					BILL TO				Inc.	Company Name: BBC International, Inc.	Company Name:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476
ompany Name: RRC International Inc

	(505) 393-2326 FAX (505) 393-2476	76									
Company Name:	BBC International, Inc.			3	BILL TO					ANALYSIS REQUEST	
Project Manage	Project Manager: Cliff Brunson			P.O. #:							
Address: P.O. Box 805	Box 805			Company:	Оху						
city: Hobbs	State: NM	Zip:	o: 88241	Attn:							
Phone #: 575-397-6388	Fax #:	5-39	575-397-0397	Address:							
Project #:	Project Owner: Oxy	er: 0	ху	City:							
Project Name:	Project Name: SUNDANCE 4-32 SWD (1-20-21/1-20-22)	/1-20	0-22)	State:	Zip:						
Project Location:	n: New Mexico			Phone #:					+		
Sampler Name:	SIMON RENDON			Fax #:			ما		-X		
FOR LAB USE ONLY	П	1	MATRIX	L	V. SAMPLING	ING	id	X	E		
HEIFEH		C)OMP.	RS				nlor	TE	PH		
Lab I.D.	Sample I.D.	(G)RAB OR	# CONTAINE GROUNDWA WASTEWAT SOIL	SLUDGE OTHER: ACID/BASE: ICE /COOL	OTHER:	TIME	C	ß	T		
	SIDEWALL SAMPLE 8	0	-	7	3-13-24	9:38AM	<	<	1		
17	SIDEWALL SAMPLE 9		-		3-13-24	9:51AM	<	<	<		
13	SIDEWALL SAMPLE 10				3-13-24	10:01AM	,	•	۲		
hi	SIDEWALL SAMPLE 11				3-13-24	10:10AM	,	•	•		
जे	SIDEWALL SAMPLE 12				3-13-24	10:18AM	,	,	•		
16	SIDEWALL SAMPLE 13				3-13-24	10:27AM	,	,	•		
7)	SIDEWALL SAMPLE 14				3-13-24	10:36AM	,	•	•		
8,1	SIDEWALL SAMPLE 15				3-13-24	10:44AM	,	•	,		
19	SIDEWALL SAMPLE 16				3-13-24	10:55AM	,	,	,		
26	SIDEWALL SAMPLE 17	+	1	4	3-13-24	11:04AM	,	•	•		
PLEASE NOTE: Liability and Dami analyses. All claims including those service. In no event shall Cardinal	ages. Cardinal's liability and client's exclusive rem to negligence and any other cause whatsoever to negligence and any other cause whatsoever to labe to incidental or consequents of services.	e deem	edy for any claim arising whether based in control shall be deemed walved unless made in writing tocking without limitation, business interruption colleges without limitation, business interruption.	contract or tort, shall be limited to the arting and received by Cardinal within 30 ruplion loss of use, or loss of profits in	1000	ount paid by the client for the rays after completion of the applicable fred by client, its subsidiaries.	ne applicabl	8			
Relinquished By:	Date:	E	Received By:	4	die	Phone Result: Fax Result: REMARKS:	ult:	□ Yes	O No	Add'l Phone #: Add'l Fax #:	
Relimquished/By:	To House	R	Received By:	1000	,						
Delivered By	Delivered By: (Circle One)	000	4	- (CHECKED BY:						
Sampler - UPS	Sampler - UPS - Bus - Other:	とこと	O Tyes Tyes	5		l					

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

city: Hobbs Project Manager: Cliff Brunson Project Name: SUNDANCE 4-32 SWD (1-20-21/1-20-22) Phone #: 575-397-6388 Address: P.O. Box 805 124134° Sampler Name: Project Location: New Mexico Project #: Company Name: Sampler - UPS - Bus - Other: Delivered By: (Circle One) inquished By nquished By † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 SIDEWALL SAMPLE 21 SIDEWALL SAMPLE 20 SIDEWALL SAMPLE SIDEWALL SAMPLE 25 SIDEWALL SAMPLE 24 SIDEWALL SAMPLE 22 SIDEWALL SAMPLE SIDEWALL SAMPLE 23 (505) 393-2326 FAX (505) 393-2476 SIDEWALL SAMPLE 27 SIDEWALL SAMPLE 26 BBC International, Inc. SIMON RENDON Sample I.D. Project Owner: Oxy Fax #: 575-397-0397 State: NM Zip: 88241 (G)RAB OR (C)OMP Received By # CONTAINERS GROUNDWATER WASTEWATER SOIL MATRIX SLUDGE State: OTHER Attn: P.O. #: City: Fax #: Phone #: Address: Company: ACID/BASE PRESERV ICE (COO) CHECKED BY: Initials OTHER BILL TO Oxy 3-13-24 3-13-24 3-13-24 3-13-24 3-13-24 3-13-24 3-13-24 3-13-24 3-13-24 3-13-24 DATE SAMPLING Fax Result: REMARKS: 12:45PM 12:33PM 12:21PM 11:49AM 11:34AM 11:30AM 11:21AM 11:12AM 12:12PM 12:01PM TIME of the ap Chloride ~ 5 5 7 BTEX 5 Yes Ext TPH 5 5 No No Add'l Phone # Add'l Fax #: ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476
Company Name: RRC International Inc

(1)	(505) 393-2326 FAX (505) 393-2476	176										
Company Name:						BILL TO					ANALYSIS REQ	REQUEST
Project Manager:	Cliff Brunson			P.O.	O. #:							
Address: P.O.	Box 805			Co	Company:	Оху						
city: Hobbs	State: NM	Zip:	88241	Attn:								
Phone #: 575-397-6388	Fax #:	5-397	575-397-0397	Ad	Address:							
Project #:	Project C	er: Ox	ŷ	City:	y:							
Project Name: SI	Project Name: SUNDANCE 4-32 SWD (1-20-21/1-20-22)	/1-20	-22)	Sta	State:	Zip:						
Project Location:	New Mexico			Ph	Phone #:					+		
Sampler Name:	SIMON RENDON			Fa	Fax #:			10		Ex		
FOR LAB USE ONLY		P	MATRIX		PRESERV.	SAMPLING	ING	10	ΞX	1 4		
HWB4 Lab I.D.	Sample I.D.	(G)RAB OR (C)OM	# CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE OTHER:	ACID/BASE: ICE COOL	DATE	TIME	Chlo	BTI	TPA		
	SIDEWALL SAMPLE 28	C			7	3-13-24	1:03PM	<	<	<		
2	SIDEWALL SAMPLE 29	_				3-13-24	1:14PM	<	<	<		
N	SIDEWALL SAMPLE 30					3-13-24	1:27PM	<	۲,	,		
348	SIDEWALL SAMPLE 31					3-13-24	1:39PM	,	•	,		
9	SIDEWALL SAMPLE 32					3-13-24	1:48PM	•	•	•		
4.	SIDEWALL SAMPLE 33					3-13-24	2:00PM	,	,	•		
3	SIDEWALL SAMPLE 34					3-13-24	2:09PM		•	,		
8	SIDEWALL SAMPLE 35					3-13-24	2:20PM	•	۲,	•		
8	SIDEWALL SAMPLE 36					3-13-24	2:27PM	,	•	<		
:04	SIDEWALL SAMPLE 37	1	¥ +		J	3-13-24	2:36PM	,	,			
PLEASE NOTE: Liability and analyses. All claims including service in no event shall Car affiliates or successors arising.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed unless made in writing and received by Caydina whitin 30 days after completion of the a service in no event shall Cardinal be liable for incidental or consequential damages reporting which illimitation, business inferruptions, loss of use; or yels of profits incurred by client, its substitutes in no event shall Cardinal be liable for incidental or consequential damages reporting which illimitation business inferruptions, loss of use; or yels of profits incurred by client, its substitutes of the profit of the profit of the profits incurred by client is substituted.	or any clain be deemed dug without Cardinal	for any claim arising whether based in Il be deemed waived unless made in vi udugg without limitation, business in fer the Carpinal, regardless of whether su	ed in contract or tort, sha in writing and received to derruptions, loss of use, ar such claim is based up	s of	to the amount pa ofts incurred by above stated re	I to the amount paid by the client for the within 30 days after completion of the applicable trofits incurred by client, its subsidiaries. he above stated reasons or otherwise.	r the he applicab aries. se	œ.			
Relinquished By: Relinquished By:	Time Date H	Re	eived By:	J.	tour	\ \ \ \	Phone Result: Fax Result: REMARKS:	i:	□ Yes	No No	Add'l Phone #: Add'l Fax #:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	1	Pint Orit		Sample Condition Cool Intact Pes Pes No No	(Initials)	Initials)						

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

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

pmpany Name: BBC International Inc.

(505)	(505) 393-2326 FAX (505) 393-2476	76							
Company Name: BB	Company Name: BBC International, Inc.		BILL TO	,			ANALYSIS REQUEST	EQUEST	
roject Manager: Cliff Brunson	f Brunson		P.O. #:		\dashv				
Address: P.O. Box 805	805		Company: Oxy		_				
city: Hobbs	State: NM	Zip: 88241			_				
hone #: 575-397-6388	Fax #:	575-397-0397	Address:						
roject #:	Project Owner: Oxy	er: Oxy	City:						
roject Name: SUND	Project Name: SUNDANCE 4-32 SWD (1-20-21/1-20-22)	/1-20-22)	State: Zip:						
Project Location: New Mexico	w Mexico		#			+			
Sampler Name: SII	SIMON RENDON		Fax #:		Q	×			
		P. MATRIX	PRESERV. SAMPLING		id	E			
7241349 Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL SLUDGE	OTHER: ACID/BASE: ICE (COO) OTHER:	TIME	Chlor	TAH			
	WALL SAMPLE 38	- # G V	A A () () ()		+	+	1		
4 SIDE	SIDEWALL SAMPLE 38	7	3-13-24	1:03PM	•				
LEASE NOTE: Lability and Damago malyses. All claims, including those to ervice in no event shall Cardinal be	**************************************	any claim arising whether based in contains any claim arising whether based in contains determined waved unless made in writing a sed determined waved unless made in writing a flag whithout invalidation, business in light	Cause III	nited to the amount paid by the client for the nail within 30 days after completion of the applicable all profits inclured by client, its subsidiaries.	pplicable				
Relinquished By:	Time H	Received By:	100			□ Yes □ No	Add'l Phone #: Add'l Fax #:		
Defivered By: (Circle One) Sampler - UPS - Bus - Other:	5	Sample Condition Cool Intact Yes Tyes	ition CHECKED BY: (Initials)						

World-Wide Environmental Specialist BBC International, Inc.

PO Box 805 Hobbs, NM 88241 575-397-6388

Liner Inspection Report

Operator:	OXY			
Site Name:	Sundance4-32 SW	D		
Leak Date:	1/20/2021 & 1/20)/2022		
Inspection Date:	2/29/2024			
Inspection Results:				
	Liner Intergity:	Good X	Bad	
	Debris Removal:	Yes X	No	
Remediation Activi	ties:			
	Gravel Removal:	Yes X	No	
	Power Wash:	Yes	No	
Closure Photos:	X			
Inspected Bv:	ROGELIO Limas		Date:	2/28/2024

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

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

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

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

QUESTIONS

Action 351213

QUESTIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	351213
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2103556268
Incident Name	NAPP2103556268 SUNDANCE 4-32 SWD @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Approved
Incident Facility	[fAPP2126648179] SUNDANCE FED 04-32 SWD

Location of Release Source	
Please answer all the questions in this group.	
Site Name	SUNDANCE 4-32 SWD
Date Release Discovered	01/20/2021
Surface Owner	Private

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications fo	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Cause: Equipment Failure Treating Tower Crude Oil Released: 1 BBL Recovered: 0 BBL Lost: 1 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Treating Tower Produced Water Released: 59 BBL Recovered: 40 BBL Lost: 19 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

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

1220 S. St Francis Dr., Santa Fe, NM 87505

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

QUESTIONS, Page 2

Action 351213

Phone: (505) 476-3470 Fax: (505) 476-3462	
QUEST	TIONS (continued)
Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696 Action Number: 351213 Action Type:
CUITATIONS	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)
QUESTIONS Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i	i.e. gas only) are to be submitted on the C-129 form.
Initial Response	
The responsible party must undertake the following actions immediately unless they could create a	safety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	diation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative o eted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of evaluation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for rele the OCD does not relieve the operator of liability should their operations have failed to	knowledge and understand that pursuant to OCD rules and regulations all operators are required bases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface ort does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator

Email: wade_dittrich@oxy.com

Date: 06/05/2024

District I
1625 N. French Dr., Hobbs, NM 88240
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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, Page 3

Action 351213

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	351213
	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 500 and 1000 (ft.)	
What method was used to determine the depth to ground water	OCD Imaging Records Lookup	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Greater than 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	Greater than 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 provide	ed to the appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamir	nation associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
Soil Contamination Sampling: (Provide the highest observable value for each, i	in milligrams per kilograms.)
Chloride (EPA 300.0 or SM4500 Cl B)	336
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10
GRO+DRO (EPA SW-846 Method 8015M)	10
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.5
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes com- which includes the anticipated timelines for beginning and completing the remediation.	pleted efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
On what estimated date will the remediation commence	02/12/2024
On what date will (or did) the final sampling or liner inspection occur	03/13/2024
On what date will (or was) the remediation complete(d)	04/19/2024
What is the estimated surface area (in square feet) that will be reclaimed	18172
What is the estimated volume (in cubic yards) that will be reclaimed	876
What is the estimated surface area (in square feet) that will be remediated	18172
What is the estimated volume (in cubic yards) that will be remediated	876
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 adjuste	ed 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.

District I

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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, Page 4

Action 351213

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	351213
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

I hereby agree and sign off to the above statement

Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 06/05/2024

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

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QUESTIONS, Page 5

Action 351213

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	351213
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

District I

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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, Page 6

Action 351213

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Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	351213
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	322756
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	03/13/2024
What was the (estimated) number of samples that were to be gathered	131
What was the sampling surface area in square feet	18172

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	18172	
What was the total volume (cubic yards) remediated	876	
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	18172	
What was the total volume (in cubic yards) reclaimed	876	
Summarize any additional remediation activities not included by answers (above)	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 (PURPLE shade on diagram) was excavated to a depth of 3 feet. The leak area near SP2 – SP8, SP10 – SP12 and SP14 (YELLOW shade on diagram) was excavated to a depth of 1 foot. The leak area near SP9 (BLUE shade on diagram) was excavated to a depth of 4 feet. The leak area near SP13 (GREEN shade on diagram) was excavated to a depth of 2 feet. Bottom and sidewall confirmation samples was collected at no greater than 200 square ft. intervals.	

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

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

Name: Wade Dittrich
Title: Environmental Coordinator
Email: wade_dittrich@oxy.com
Date: 06/05/2024

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QUESTIONS, Page 7

Action 351213

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
	Action Number:
Houston, TX 772104294	351213
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 351213

CONDITIONS

Operator:	OGRID:
OXY USA INC P.O. Box 4294	16696
	Action Number:
Houston, TX 772104294	351213
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Create	ed By	Condition	Condition Date
crys	tal.walker	None	6/26/2024