

Closure Report

INCIDENT ID#: nRM2033658364

Site Description

Site Name:	CYPRESS 33-1
Company:	Oxy USA, Inc.
Legal Description:	U/L P, Section 33, T23S, R29E
County:	Eddy County, NM
GPS Coordinates:	N 32.25563 ,W-103.98207

Release Data

Date of Release:	10/25/2020
Type of Release:	PRODUCED WATER
Source of Release:	TRANSFER PUMP MALFUNCTION
Volume of Release:	40BBLS
Volume Recovered:	15BBLS

Remediation Specifications

Remediation Parameters:	<p>OXY excavated the spill area as depicted on the following site diagram.</p> <p>The leak area near SP1 (LIGHT BLUE shade on diagram) was excavated to a depth of 4 feet. The leak area near SP2 (YELLOW shade on diagram) was excavated to a depth of 10 feet. The leak area near SP3 (PINK shade on diagram) was excavated to a depth of 3 feet. The leak area near SP4, SP6, and SP7 (LIME GREEN shade on diagram) was excavated to a depth of 1 foot. The leak area near SP5 (MED BLUE shade on diagram) was excavated to a depth of 2 feet. The leak area near SP8 and SP9 (DARK BLUE shade on diagram) was excavated to a depth of 3 feet. The leak area near SP10 (RED shade on diagram) was excavated to a depth of 8 feet. The leak area SP11 (WHITE shade on diagram) was excavated to a depth of 7 feet. The leak area near SP 12 (PURPLE shade on diagram) was excavated to a depth of 9 feet. The leak area near SP 13 (BLUE/GREEN shade on diagram) required zero remediation. The leak area near SP14 (BROWN shade on diagram) was excavated to a depth of 2 feet.</p> <p>In addition, OXY collected sidewall and bottom confirmation samples every 200 square feet.</p>
Remediation Activities:	1/15/24 - 3/13/24

Plan Sent to OCD:	5/27/2021	
OCD Approval of Plan:	8/27/2021	

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for 2/19/24 - 2/22/24 , 3/13/24 , 2/29/24 , 3/20/24	
Notifications	2/13/24 , 3/08/24	

Request for Closure

Based on the completion of the remediation, OXY requests closure approval from the NMOCD.	5/21/2024
Cliff Brunson, President of BBC International Inc.	

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	NRM2033658364
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental CoordinatorSignature:  Date: 4-11-24email: wade_dittrich@oxy.com Telephone: (575) 390-2828**OCD Only**

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

OXY,CYPRESS 33-1 WELL BATTERY

LEAK DATE : 10/25/20
EDDY COUNTY , NM
ID # NRM2033658364

Legend

- 1' EXCAVATION
- 10' EXCAVATION
- 2' EXCAVATION
- 3' EXCAVATION
- 4' EXCAVATION
- 7' EXCAVATION
- 8' EXCAVATION
- 9' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- LEAK AREA
- SIDEWALL CONFIRMATION SAMPLE POINTS
- ZERO EXCAVATION

Google Earth



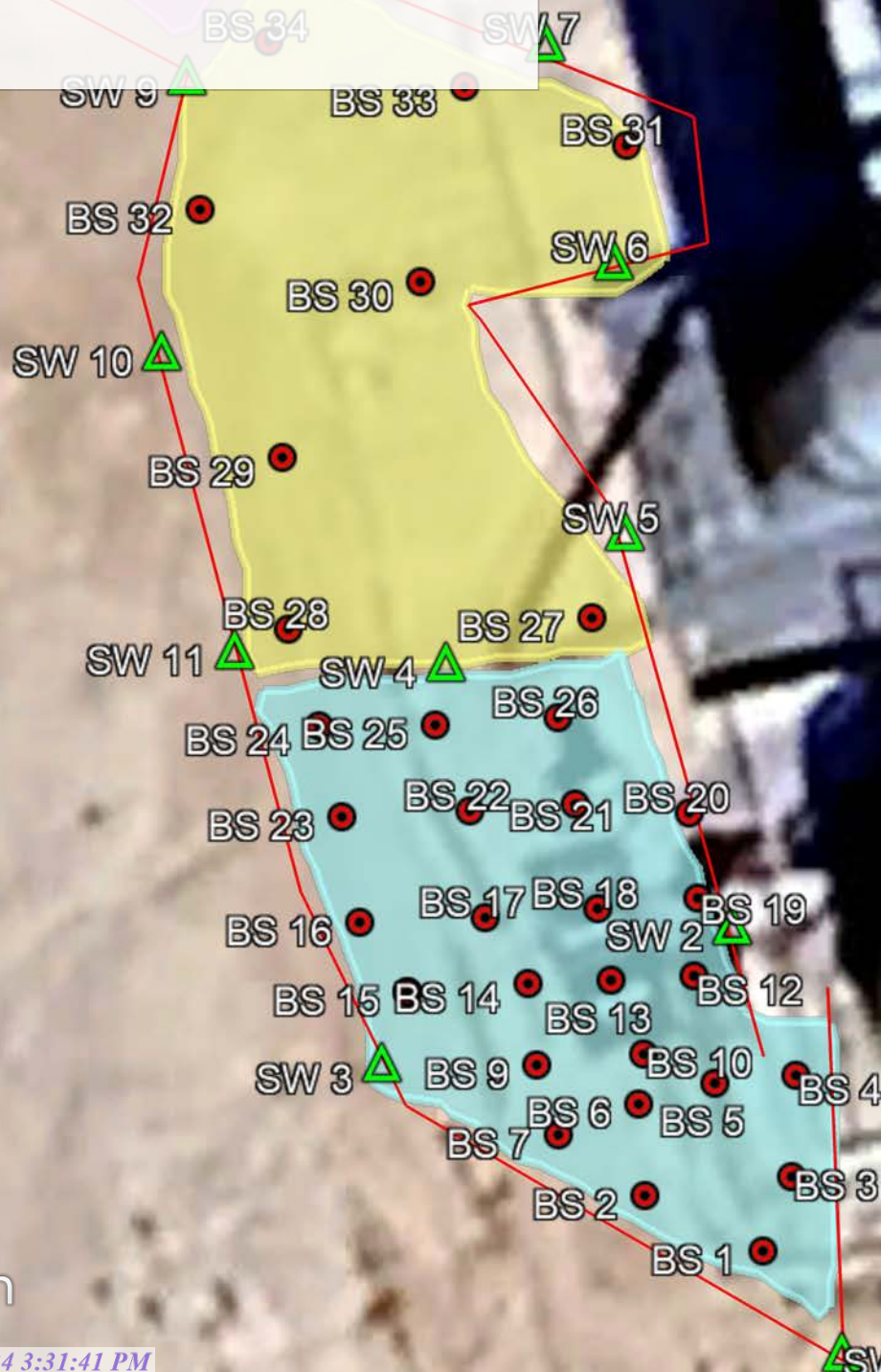
600 ft

OXY,CYPRESS 33-1 WELL BATTERY

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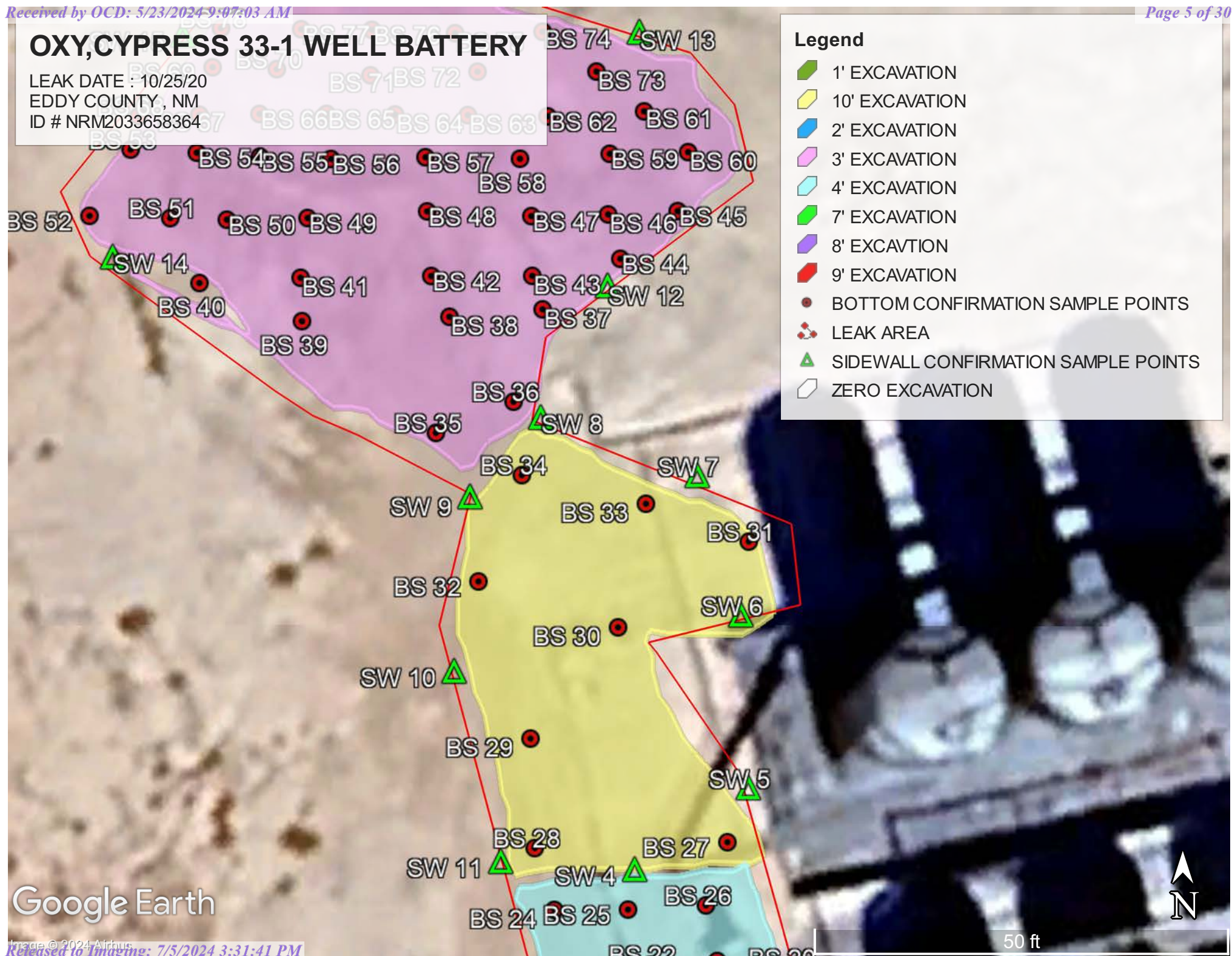
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Google Earth













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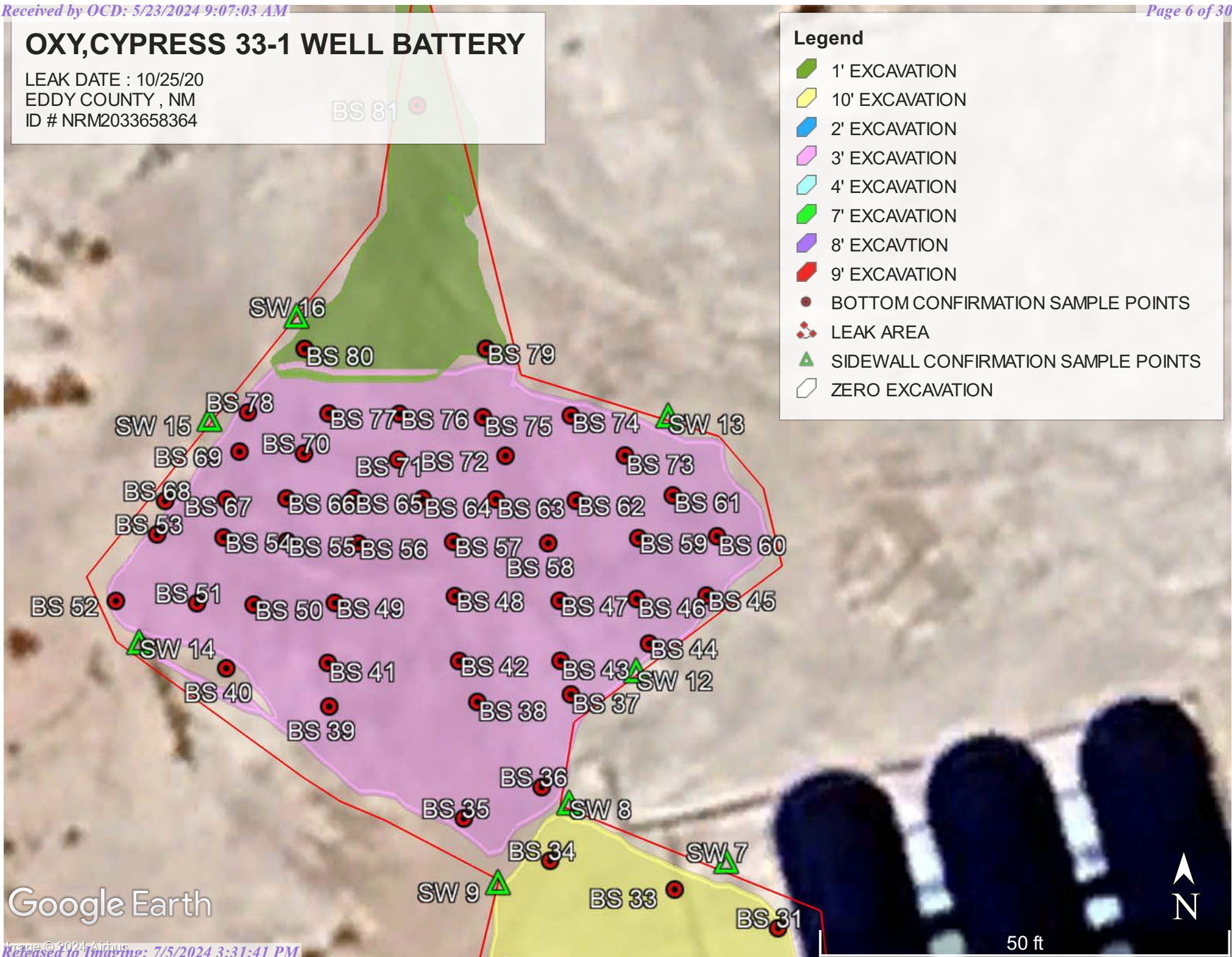


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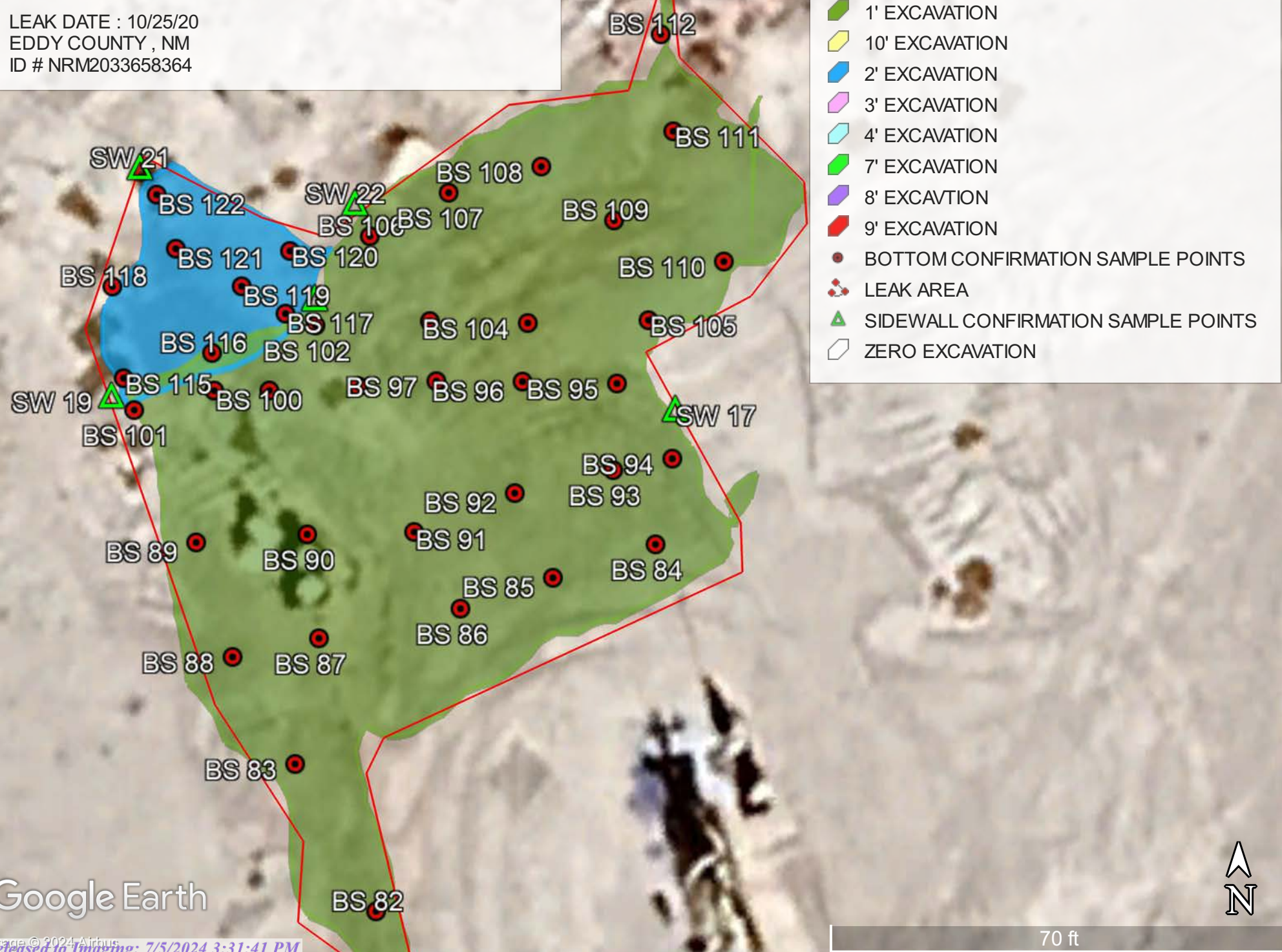
Legend

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Google Earth













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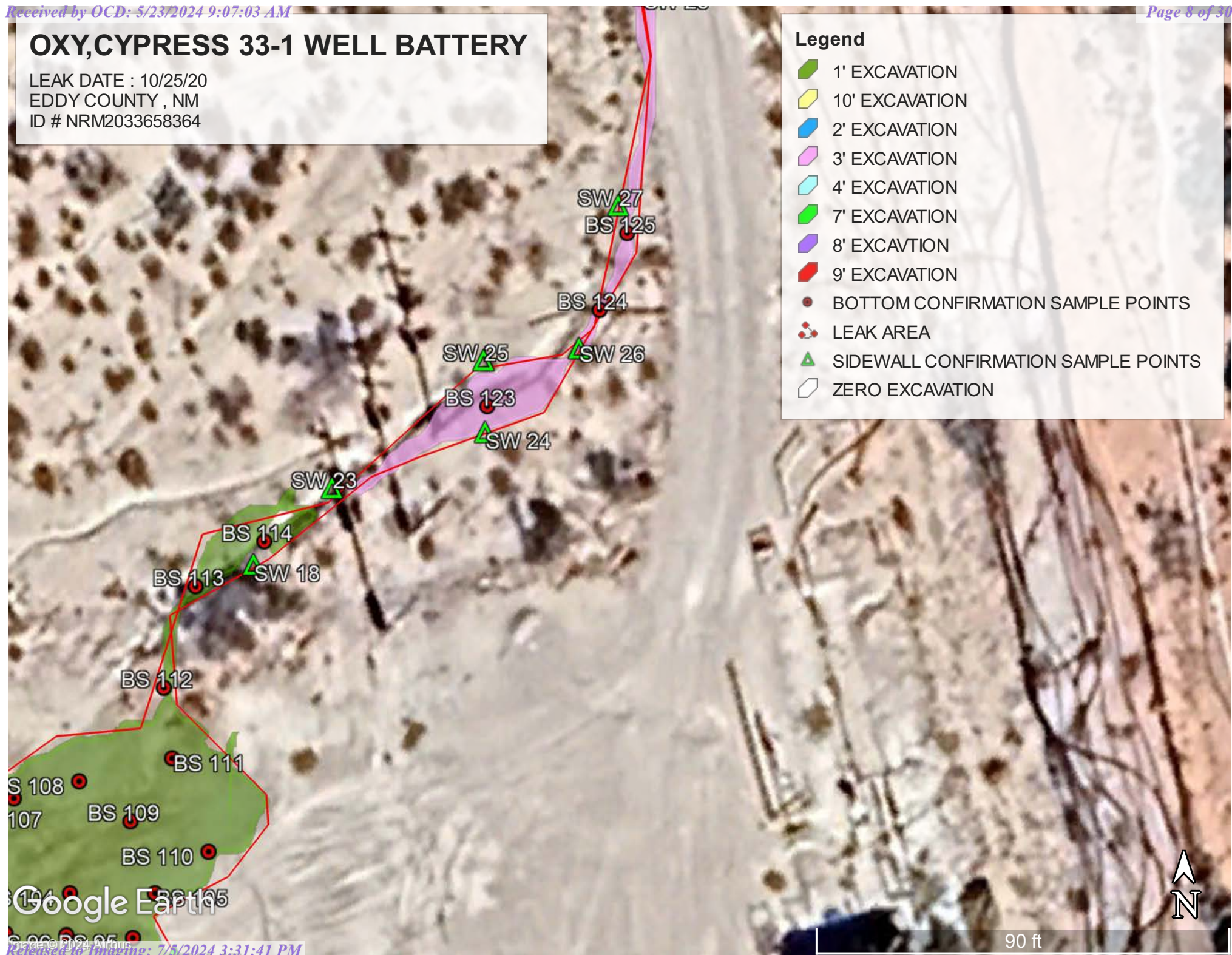


OXY,CYPRESS 33-1 WELL BATTERY

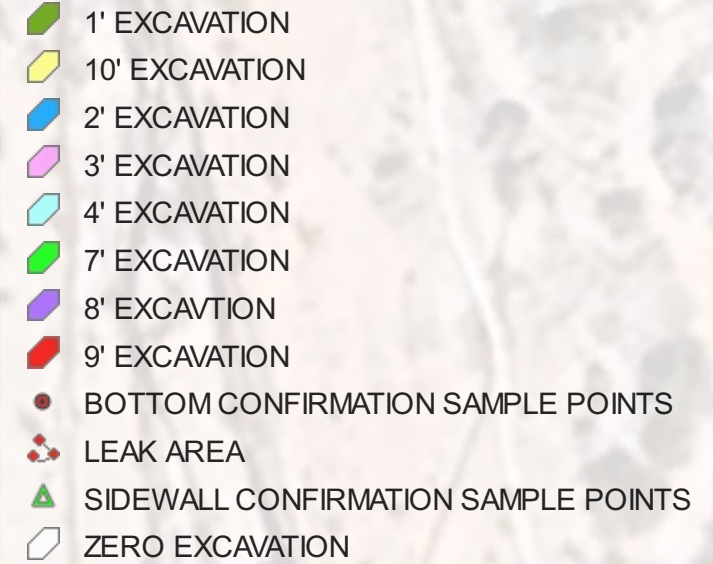
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LEAK DATE : 10/25/20
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Google Earth

Released to Imaging: 7/5/2024 3:31:41 PM

90 ft

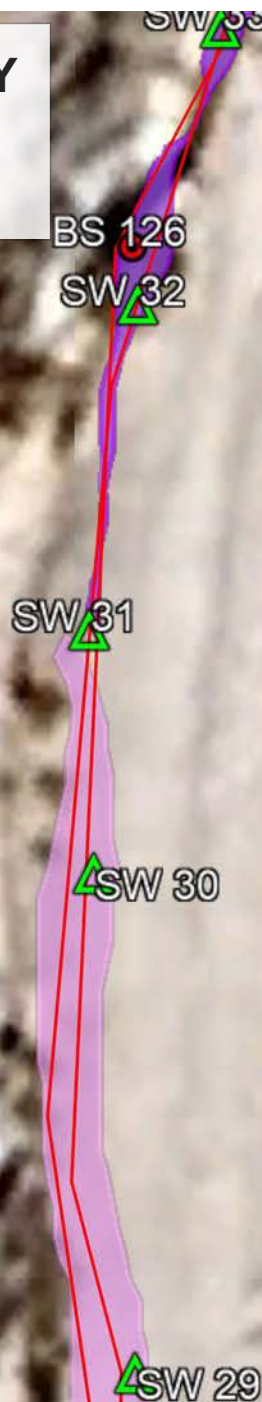


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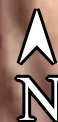
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Google Earth



50 ft

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Google Earth

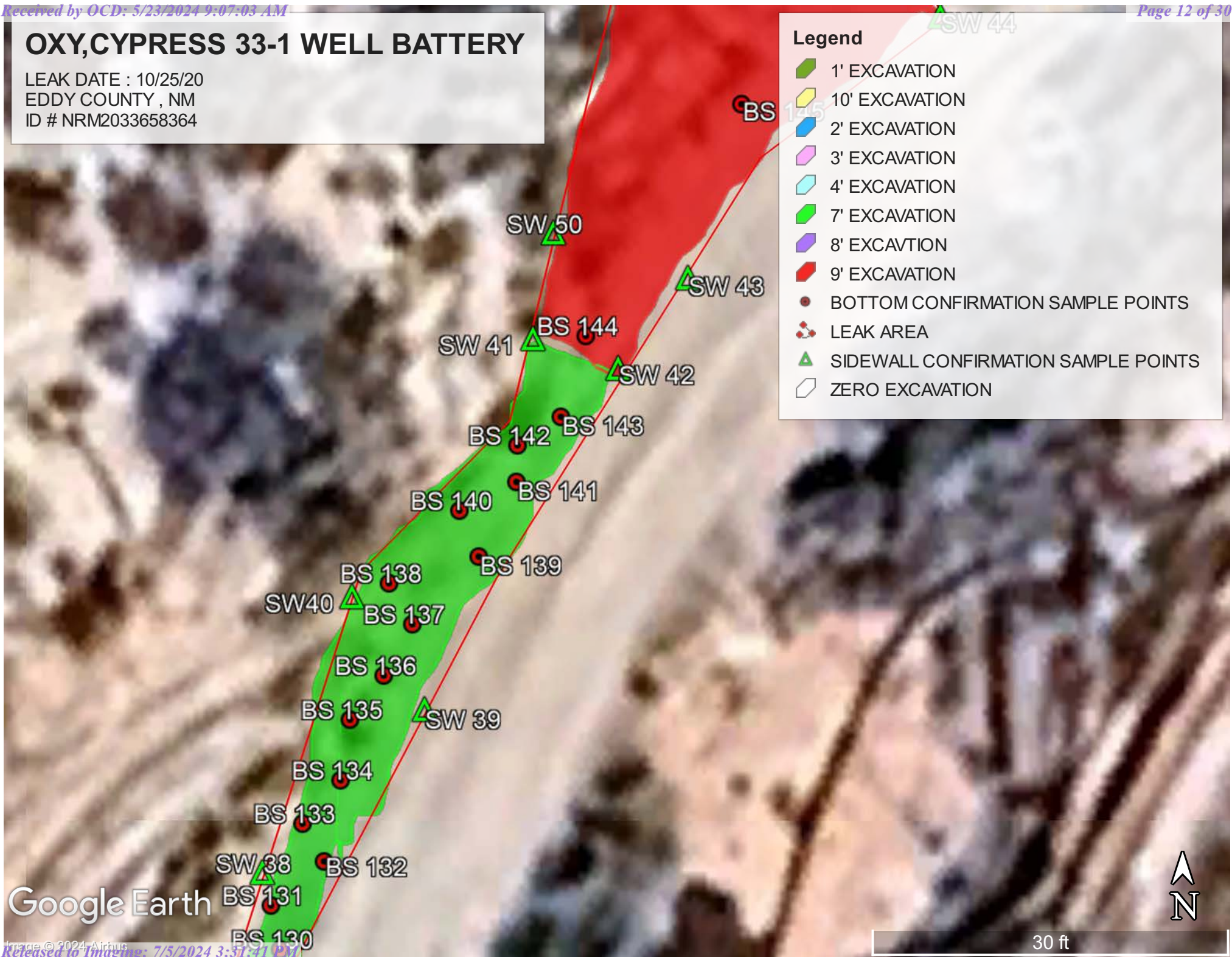
40 ft

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Legend













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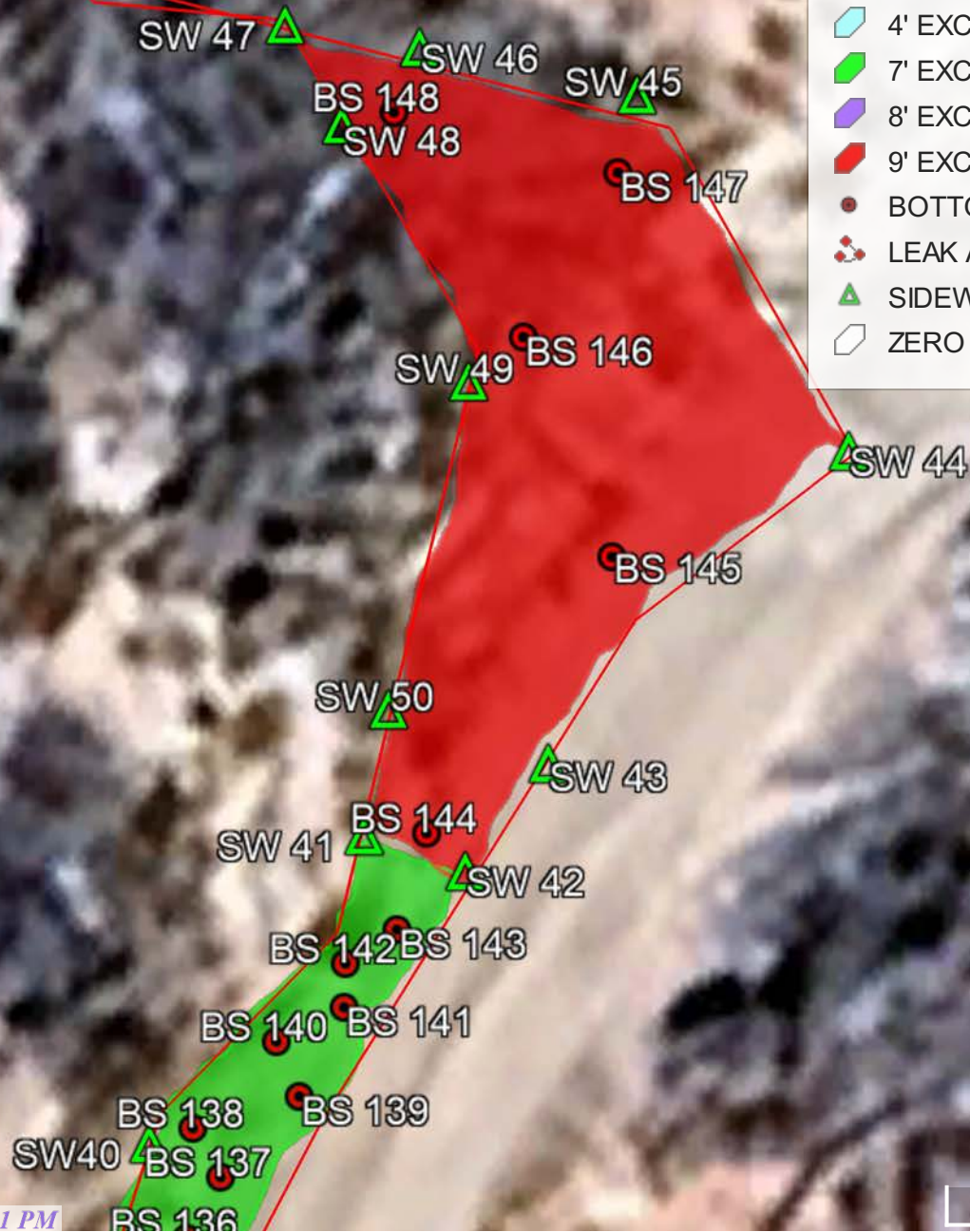


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Google Earth













OXY,CYPRESS 33-1 WELL BATTERY

LEAK DATE : 10/25/20
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BS 149

SW 51

Legend

-  1' EXCAVATION
-  10' EXCAVATION
-  2' EXCAVATION
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SW 47

BS 148

SW 48

SW 49

SW 46

SW 45

BS 147

SW 44

BS 145

Google Earth













80 ft



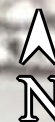
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Google Earth



1000 ft

OXY-CYPRESS 33-1 (10/25/20) SAMPLE DATE 2/19/24-2/22/24

BOTTOM SAMPLES

BS 1@4'	N 32.255310	W-103.982058
BS 2@4'	N 32.255321	W-103.982087
BS 3@4'	N 32.255325	W-103.982015
BS 4@4'	N 32.255347	W-103.982050
BS 5@4'	N 32.255345	W-103.982070
BS 6@4'	N 32.255340	W-103.982087
BS 7@4'	N 32.255334	W-103.982109
BS 8@4'	N 32.255346	W-103.982144
BS 9@4'	N 32.255349	W-103.982114
BS 10@4'	N 32.255351	W-103.982088
BS 11@4'	N 32.255352	W-103.962062
BS 12@4'	N 32.255368	W-103.982075
BS 13@4'	N 32.255367	W-103.982096
BS 14@4'	N 32.255366	W-103.982117
BS 15@4'	N 32.255364	W-103.982147
BS 16@4'	N 32.255379	W-103.982159
BS 17@4'	N 32.255380	W-103.982127
BS 18@4'	N 32.255382	W-103.982099
BS 19@4'	N 32.255384	W-103.982074
BS 20@4'	N 32.255395	W-103.982084
BS 21@4'	N 32.255394	W-103.982108
BS 22@4'	N 32.255392	W-103.982131
BS 23@4'	N 32.255392	W-103.982161
BS 24@4'	N 32.255420	W-103.982170
BS 25@4'	N 32.255421	W-103.982140
BS 26@4'	N 32.255422	W-103.982109
BS 27@10'	N 32.255443	W-103.982101
BS 28@10'	N 32.255441	W-103.982177
BS 29@10'	N 32.255478	W-103.982179
BS 30@10'	N 32.255524	W-103.982123
BS 31@10'	N 32.255545	W-103.982092
BS 32@10'	N 32.255531	W-103.982200
BS 33@10'	N 32.255557	W-103.982133
BS 34@10'	N 32.255567	W-103.982183
BS 35@3'	N 32.255581	W-103.982217
BS 36@3'	N 32.255592	W-103.982186
BS 37@3'	N 32.255623	W-103.982174
BS 38@3'	N 32.255621	W-103.982212
BS 39@3'	N 32.255619	W-103.982271
BS 40@3'	N 32.255632	W-103.982312

BS 41 @3'	N 32.255634	W-103.982271
BS 42@3'	N 320255634	W-103.982219
BS 43@3'	N 32.255634	W-103.982179
BS 44@3'	N 32.255640	W-103.982143
BS 45@3'	N 32.255656	W-103.982120
BS 46@3'	N 32.255655	W-103.982148
BS 47@3'	N 32.255655	W-103.982179
BS 48@3'	N 32.255656	W-103.982221
BS 49@3'	N 32.255654	W-103.982269
BS 50@3'	N 32.255653	W-103.982301
BS 51@3'	N 32.255654	W-103.982323
BS 52@3'	N 32.255655	W-103.982356
BS 53@3'	N 32.255677	W-103.982339
BS 54@3'	N 32.255676	W-103.982313
BS 55@3'	N 32.255675	W-103.982288
BS 56@3'	N 32.255674	W-103.982259
BS 57@3'	N 32.255674	W-103.982227
BS 58@3'	N 32.255673	W-103.982184
BS 59@3'	N 32.255673	W-103.982150
BS 60@3'	N 32.255671	W-103.982115
BS 61@3'	N 32.255690	W-103.982134
BS 62@3'	N 32.255688	W-103.982172
BS 63@3'	N 32.255689	W-103.982204
BS 64@3'	N 32.255689	W-103.982234
BS 65@3'	N 32.255689	W-103.982261
BS 66@3'	N 32.255689	W-103.982288
BS 67@3'	N 32.255689	W-103.982312
BS 68@3'	N 32.255688	W-103.982336
BS 69@3'	N 32.255705	W-103.982307
BS 70@3'	N 32.255704	W-103.982281
BS 71@3'	N 32.255702	W-103.982243
BS 72@3'	N 32.255704	W-103.982201
BS 73@3'	N 32.255704	W-103.982153
BS 74@3'	N 32.255717	W-103.982174
BS 75@3'	N 32.255717	W-103.982210
BS 76@3'	N 32.255718	W-103.982243
BS 77@3'	N 32.255718	W-103.982271
BS 78@3'	N 32.255718	W-103.982303
BS 79@1'	N 32.255740	W-103.982208
BS 80@1'	N 32.255740	W-103.982281
BS 81@1'	N 32.255822	W-103.982236
BS 82@1'	N 32.255896	W-103.982253
BS 83@1'	N 32.255957	W-103.982294
BS 84@1'	N 32.256050	W-103.982114

BS 85@1'	N 32.256036	W-103.982166
BS 86@1'	N 32.256024	W-103.982227
BS 87@1'	N 32.256010	W-103.982283
BS 88@1'	N 32.256011	W-103.982333
BS 89@1'	N 32.256031	W-103.982339
BS 90@1'	N 32.256032	W-103.982290
BS 91@1'	N 32.256036	W-103.982241
BS 92@1'	N 32.256047	W-103.982187
BS 93@1'	N 32.256060	W-103.982144
BS 94@1'	N 32.256073	W-103.982101
BS 95@1'	N 32.256118	W-103.982134
BS 96@1'	N 32.256119	W-103.982194
BS 97@1'	N 32.256117	W-103.982239
BS 98@1'	N 32.256116	W-103.982282
BS 99@1'	N 32.256115	W-103.982308
BS 100@1'	N 32.256115	W-103.982335
BS 101@1'	N 32.256107	W-103.982375
BS 102 @1'	N 32.256143	W-103.982285
BS 103@1'	N 32.256146	W-103.982227
BS 104@1'	N 32.256144	W-103.982178
BS 105@1'	N 32.256145	W-103.982118
BS 106@1'	N 32.256181	W-103.982258
BS 107@1'	N 32.256199	W-103.982218
BS 108@1'	N 32.256210	W-103.982171
BS 109@1'	N 32.982135	W-103.982135
BS 110@1'	N 32.256169	W-103.982081
BS 111@1'	N 32.256224	W-103.982106
BS 112@1'	N 32.256265	W-103.982112
BS 113@1'	N 32.256324	W-103.982092
BS 114@1'	N 32.256350	W-103.982044
BS 115@2'	N 32.256120	W-103.982380
BS 116@2'	N 32.256131	W-103.982336
BS 117@2'	N 32.256148	W-103.982300
BS 118@2'	N 32.256159	W-103.982385
BS 119@2'	N 32.256159	W-103.982322
BS 120@2'	N 32.256174	W-103.982297
BS 121@2'	N 32.256175	W-103.982354
BS 122@2'	N 32.256198	W-103.982364
BS 123@3'	N 32.256430	W-103.981890
BS 124@3'	N 32.256487	W-103.981811
BS 125@3'	N 32.256533	W-103.981792
BS 126@8'	N 32.257099	W-103.981805
BS 127@8'	N 32.257162	W-103.981773
BS 128@7'	N 32.257179	W-103.981764

BS 129@7' N 32.257193	W-103.981760
BS 130@7' N 32.257203	W-103.981750
BS 131@7' N 32.257213	W-103.981752
BS 132@7' N 32.257224	W-103.981738
BS 133@7' N 32.257232	W-103.981744
BS 134@7' N 32.257242	W-103.981733
BS 135@7' N 32.257256	W-103.981731
BS 136@7' N 32.257266	W-103.981722
BS 137@7' N 32.257278	W-103.981714
BS 138@7' N 32.257287	W-103.981720
BS 139@7' N 32.257294	W-103.981696
BS 140@7' N 32.257304	W-103.981701
BS 141@7' N 32.257311	W-103.981686
BS 142@7' N 32.257319	W-103.981685
BS 143@7' N 32.257326	W-103.981674
BS 144@9' N 32.257345	W-103.981667
BS 145@9' N 32.257399	W-103.981624
BS 146@9' N 32.257442	W-103.981644
BS 147@9' N 32.257474	W-103.981623
BS 148@9' N 32.257486	W-103.981674
BS 149@2' N 32.257865	W-103.981674
BS 150@2' N 32.257940	W-103.981692
BS 151 @2' N 32.258036	W-103.981613

SIDEWALL SAMPLES

SW 1	N 32.255288	W-103.982038
SW 2	N 32.255378	W-103.982066
SW 3	N 32.255360	W-103.982159
SW 4	N 32.255434	W-103.982138
SW 5	N 32.255461	W-103.982093
SW 6	N 32.255519	W-103.982095
SW 7	N 32.255566	W-103.982113
SW 8	N 32.255586	W-103.982176
SW 9	N 32.255559	W-103.982204
SW 10	N 32.255500	W-103.982210
SW 11	N 32.255436	W-103.982191
SW 12	N 32.255631	W-103.982149
SW 13	N 32.255717	W-103.982136
SW 14	N 32.255640	W-103.982347
SW 15	N 32.255716	W-103.982319
SW 16	N 32.255750	W-103.982284

SW 17	N 32.256107	W-103.982105
SW 18	N 32.256336	W-103.982052
SW 19	N 32.256113	W-103.982386
SW 20	N 32.256154	W-103.982286
SW 21	N 32.256209	W-103.982372
SW 22	N 32.256194	W-103.982265
SW 23	N 32.256381	W-103.981998
SW 24	N 32.256414	W-103.981892
SW 25	N 32.256457	W-103.981893
SW 26	N 32.256464	W-103.981826
SW 27	N 32.256549	W-103.981799
SW 28	N 32.25662	W-103.981775
SW 29	N 32.256712	W-103.981789
SW 30	N 32.256971	W-103.981814
SW 31	N 32.257020	W-103.981815
SW 32	N 32.257086	W-10.981804
SW 33	N 32.257156	W-103.981780
SW 34	N 32.257165	W-103.981768
SW 35	N 32.257172	W-103.981765
SW 36	N 32.257176	W-103.981771
SW 37	N 32.257192	W-103.981750
SW 38	N 32.257221	W-103.981755
SW 39	N 32.257258	W-103.981711
SW 40	N 32.257284	W-103.981731
SW 41	N 32.257344	W-103.981681
SW 42	N 32.257337	W-103.981658
SW 43	N 32.257358	W-103.981639
SW 44	N 32.257419	W-103.981569
SW 45	N 32.257489	W-103.981618
SW 46	N 32.257468	W-103.981669
SW 47	N 32.257502	W-103.981700
SW 48	N 32.257483	W-103.981687
SW 49	N 32.257433	W-103.981657
SW 50	N 32.257368	W-103.981676
SW 51	N 32.257883	W-103.981670
SW 52	N 32.258058	W-103.981613

RE SAMPLE (3/13/24)

SW 27 A	N 32.256553	W-103.981796
SW 28 A	N 32.256676	W-103.981781
SW 35 A	N 32.257174	W-103.981762

[illegible][illegible][illegible]

[illegible][illegible][illegible]

	Sample ID	BS 109@1'	BS 110@1'	BS 111@1'	BS 112@1'	BS 113@1'	BS 114@1'	BS 115@1'	BS 116@1'	BS 117@1'	BS 118@1'	BS 119@1'	BS 120@1'	BS 121@1'	BS 122@1'	BS 123@3'	BS 124@3'	BS 125@3'	BS 126@8'
Analyte	Date	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24
		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		160.0	64.0	64.0	64.0	208.0	208.0	176.0	240.0	240.0	80.0	80.0	80.0	80.0	96.0	80.0	112.0	96.0	96.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<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 127@8'	BS 128@7'	BS 129@7'	BS 130@7'	BS 131@7'	BS 132@7'	BS 133@7'	BS 134@7'	BS 135@7'	BS 136@7'	BS 137@7'	BS 138@7'	BS 139@7'	BS 140@7'	BS 141@7'	BS 142@7'	BS 143@9'	BS 144@9'
Analyte	Date	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24
		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		96.0	80.0	80.0	80.0	64.0	96.0	80.0	80.0	870.0	80.0	96.0	64.0	96.0	80.0	96.0	144.0	144.0	144.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<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 145@9'	BS 146@9'	BS 147@9'	BS 148@2'	BS 149@2'	BS 150@2'
Analyte	Date	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24	2/22/24
		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
Toluene		<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
Total Xylenes		<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
Chloride		144.0	128.0	144.0	144.0	144.0	128.0
GRO		<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
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

[illegible][illegible][illegible]

	Sample ID	SW 27 A	SW 28 A	SW 35 A
Analyte	Date	3/13/24	3/13/24	3/13/24
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		64.0	48.0	64.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0

National Flood Hazard Layer FIRMette



103°59'14"W 32°15'36"N



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

1:6,000

103°58'37"W 32°15'5"N

Released to Imaging: 7/5/2024 3:31:41 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/1/2024 at 3:50 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

OXY, CYPRESS 33-1

LEAK DATE 10/25/2020
EDDY COUNTY, NM
ID # NRM2033658364

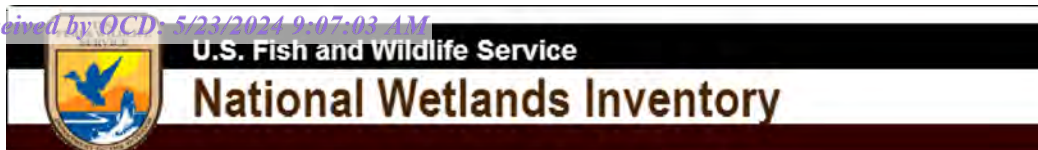
Legend

- 05-NOV-20
- 1' EXCAVATION
- 10' EXCAVATION
- 2' EXCAVATION
- 3' EXCAVATION
- 4' EXCAVATION
- 7' EXCAVATION
- 8' EXCAVATION
- Medium

Google Earth



500 ft








OXY,CYPRESS 33-1 (10/25/20)






April 24, 2024

Wetlands

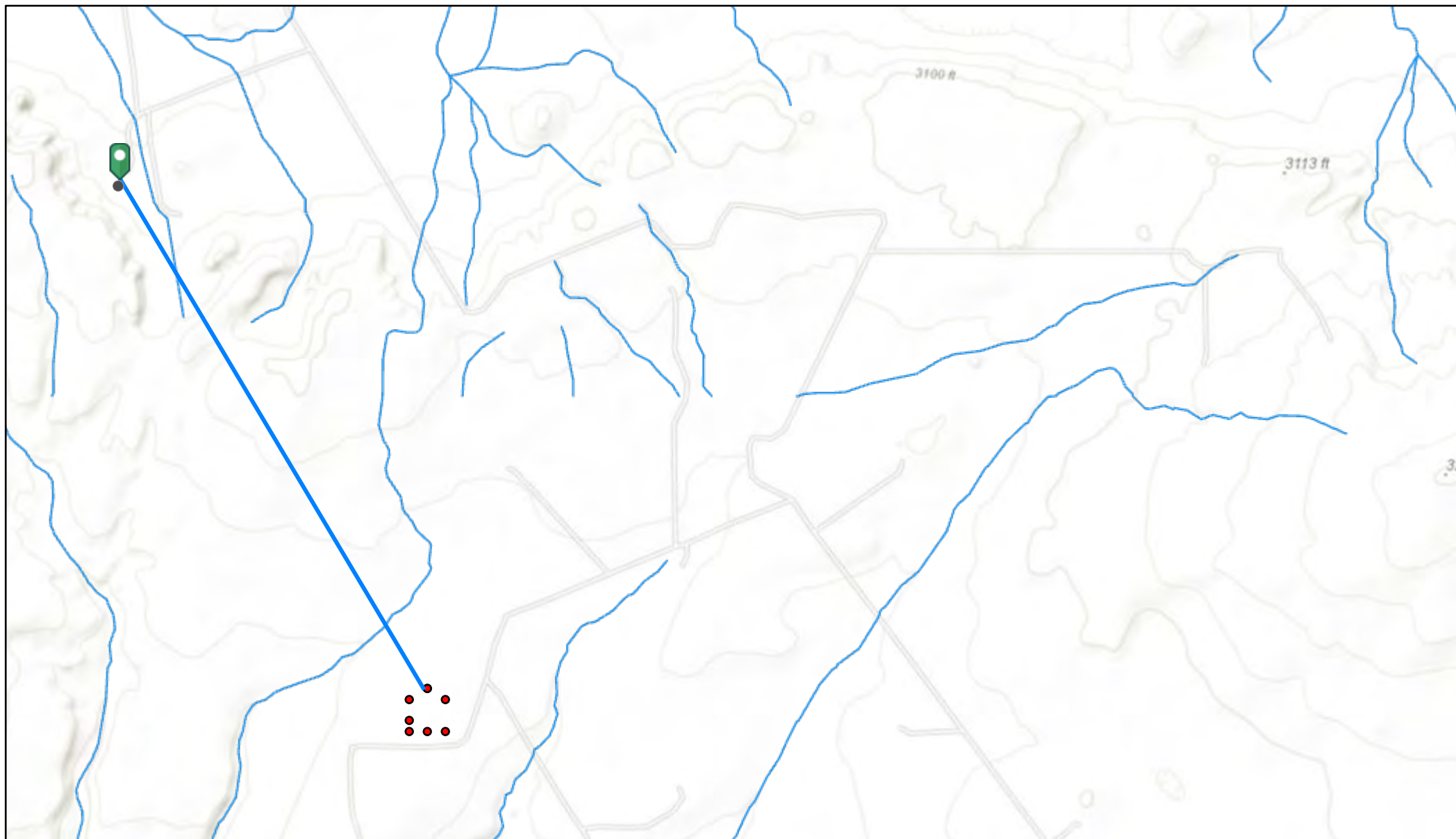
-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland

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

-  Lake
-  Other
-  Riverine

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

OXY-CYPRESS 33-1 (10/25/20) 1.07 MILES TO WATER POD



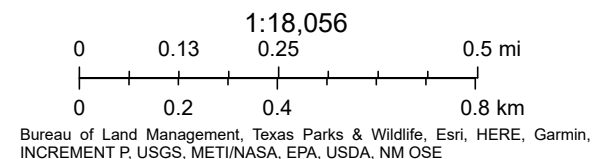
4/1/2024, 2:04:06 PM

OSE Water PODs

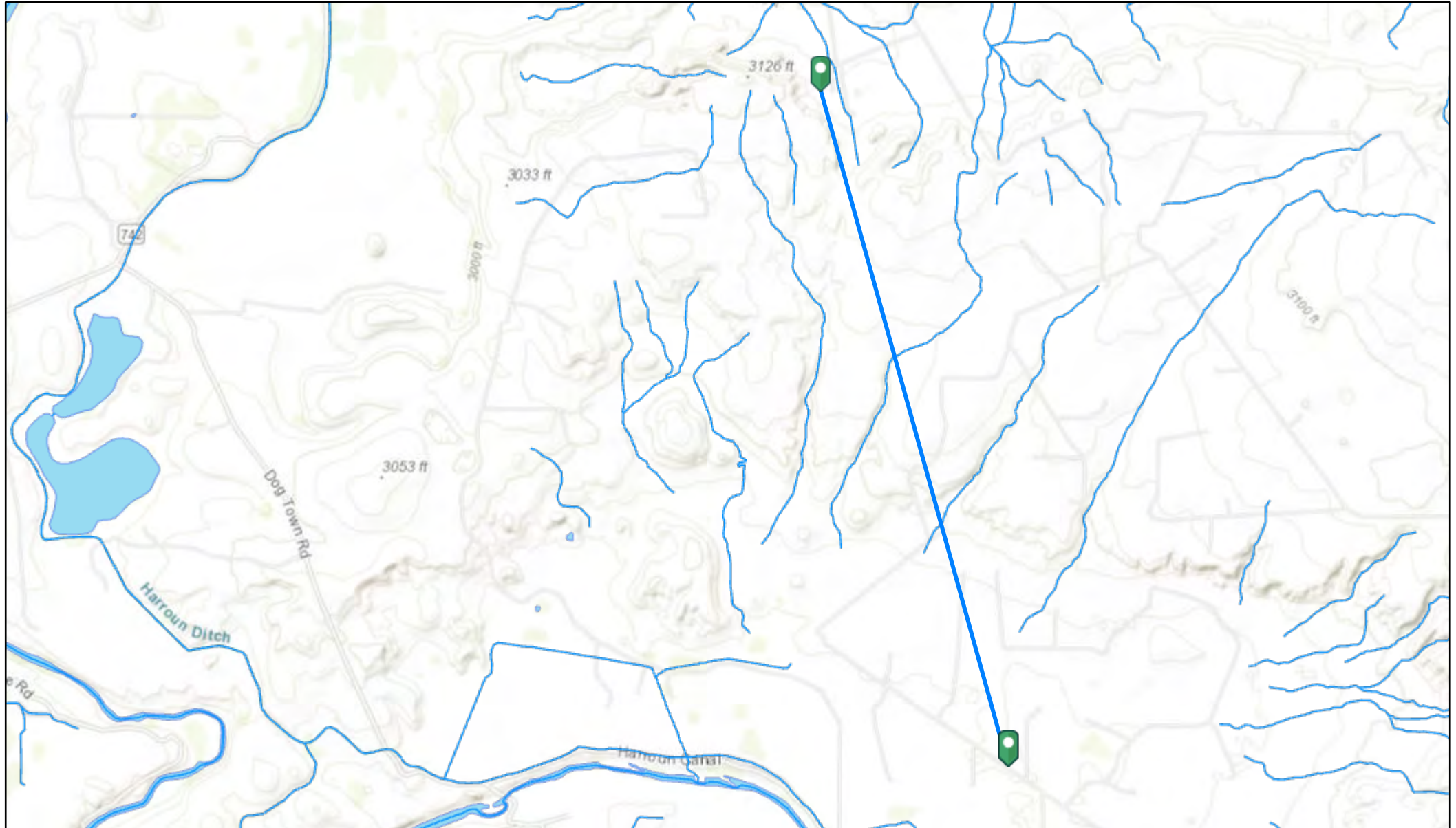
● Plugged

— OSE Streams



Released to Imaging: 7/5/2024 3:31:41 PM

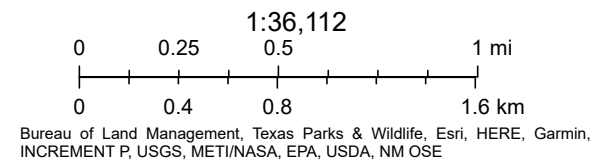


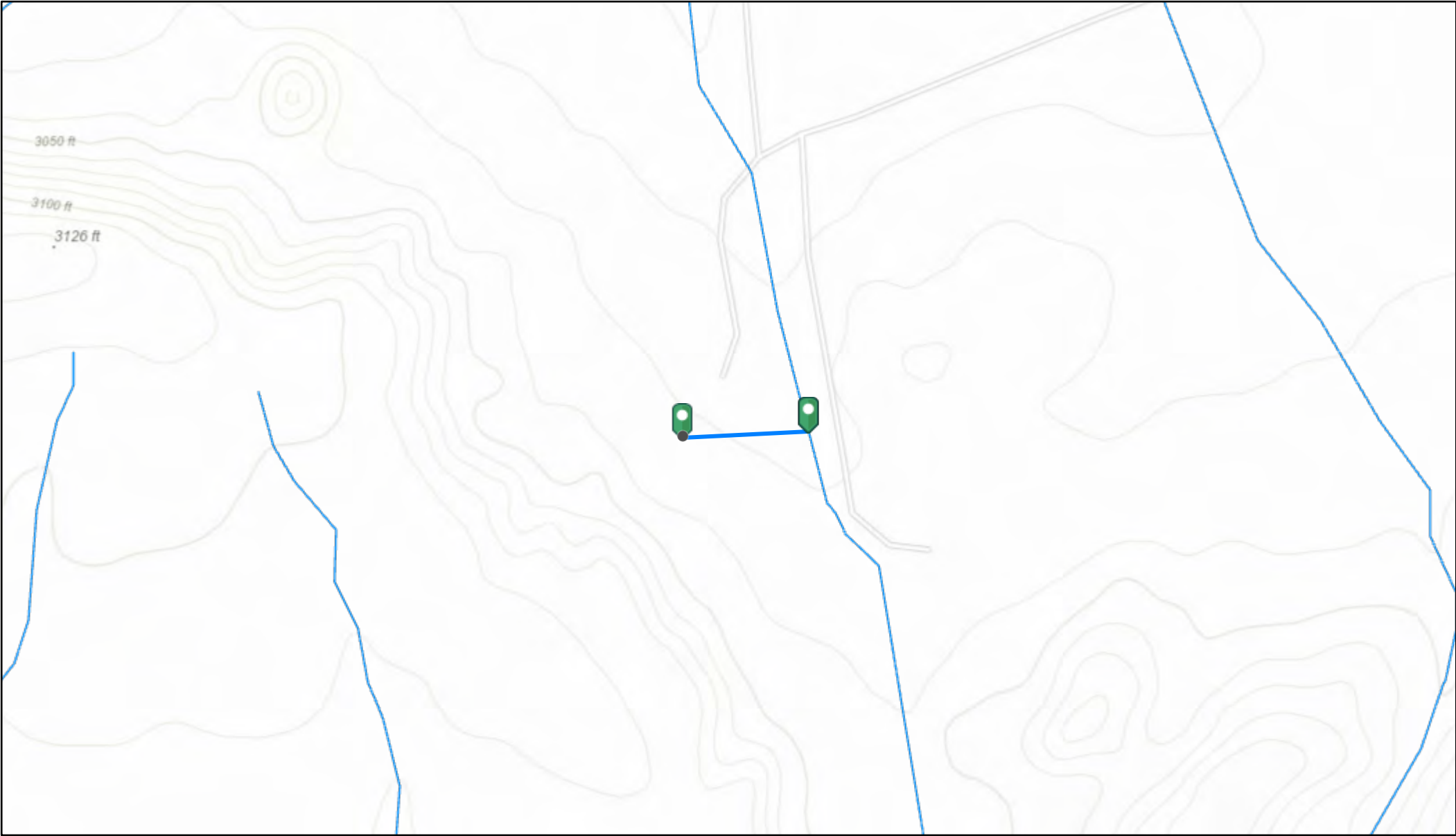
OXY-CYPRESS 33-1 (10/25/20) 2.54 MILES TO WATER POD



4/1/2024, 2:19:41 PM

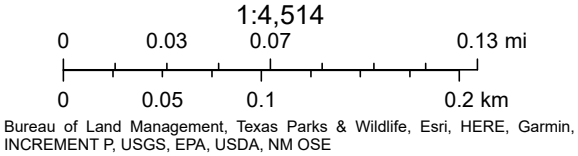
-  OSW Water Bodys
-  OSE Streams





4/1/2024, 1:59:02 PM

— OSE Streams



File No.

C-4681 POP 1-2



NEW MEXICO OFFICE OF THE STATE ENGINEER

WR-07 APPLICATION FOR PERMIT TO DRILL

A WELL WITH NO WATER RIGHT

(check applicable box):

For fees, see State Engineer website: <http://www.ose.state.nm.us/>

Purpose:	<input type="checkbox"/> Pollution Control And/Or Recovery	<input type="checkbox"/> Ground Source Heat Pump
<input type="checkbox"/> Exploratory Well (Pump test)	<input type="checkbox"/> Construction Site/Public Works Dewatering	<input checked="" type="checkbox"/> Other(Describe): Soil Boring
<input type="checkbox"/> Monitoring Well	<input type="checkbox"/> Mine Dewatering	

A separate permit will be required to apply water to beneficial use regardless if use is consumptive or nonconsumptive.

<input checked="" type="checkbox"/> Temporary Request - Requested Start Date: 11/01/2022	Requested End Date: 12/30/2022
--	--------------------------------

Plugging Plan of Operations Submitted? ☒ Yes ☐ No

1. APPLICANT(S)

Name: Enterprise Field Services	Name: Souder Miller & Associates
Contact or Agent: check here if Agent <input type="checkbox"/> Robert Dunaway	Contact or Agent: check here if Agent <input checked="" type="checkbox"/> Heather Woods
Mailing Address: P.O. Box 4324	Mailing Address: 401 W. Broadway
City: Houston	City: Farmington
State: Zip Code: Texas 77210	State: Zip Code: NM 87401
Phone: (515) 628-6802 <input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell Phone (Work):	Phone: 5057162787 <input type="checkbox"/> Home <input checked="" type="checkbox"/> Cell Phone (Work):
E-mail (optional):	E-mail (optional): Heather.Woods@soudermiller.com

OSE 011 DEC 1 2022 PM 3:56

FOR OSE INTERNAL USE

Application for Permit, Form WR-07, Rev 11/17/16

File No.: C-4681	Trm. No.: 738371	Receipt No.: 245261
Trans Description (optional): MON		
Sub-Basin: CUB	PCW/LOG Due Date: 12/31/23	

Page 1 of 3

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

Location Required: Coordinate location must be reported in NM State Plane (NAD 83), UTM (NAD 83), or Latitude/Longitude (Lat/Long - WGS84). District II (Roswell) and District VII (Cimarron) customers, provide a PLSS location in addition to above.			
<input type="checkbox"/> NM State Plane (NAD83) (Feet) <input type="checkbox"/> NM West Zone <input type="checkbox"/> NM East Zone <input type="checkbox"/> NM Central Zone			
<input type="checkbox"/> UTM (NAD83) (Meters) <input type="checkbox"/> Zone 12N <input type="checkbox"/> Zone 13N			
<input checked="" type="checkbox"/> 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:	Provide if known: -Public Land Survey System (PLSS) (Quarters or Halves, Section, Township, Range) OR - Hydrographic Survey Map & Tract; OR - Lot, Block & Subdivision; OR - Land Grant Name
C-4681-POD1	32.220340	-103.970854	SW 1/4 of NE 1/4 of S15 T24S R29E NMPM
C-4681-POD2	32.220223	-103.970589	SW 1/4 of NE 1/4 of S15 T24S R29E NMPM
NOTE: If more well locations need to be described, complete form WR-08 (Attachment 1 – POD Descriptions) Additional well descriptions are attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, how many _____			
Other description relating well to common landmarks, streets, or other: _____			
Well is on land owned by: Bureau of Land Management			
Well Information: NOTE: If more than one (1) well needs to be described, provide attachment. Attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, how many _____			
Approximate depth of well (feet): 100'		Outside diameter of well casing (inches): 8"	
Driller Name: Enviro-Drill, Inc		Driller License Number: WD-1186	

3. ADDITIONAL STATEMENTS OR EXPLANATIONS

Two well borings are being drilled to determine depth to ground water. Total depth will be determined during drilling.

OSE OIT DEC 1 2022 PM3:57

FOR OSE INTERNAL USE

Application for Permit, Form WR-07

File No.: C-4681

Trm No.: 738371

Page 2 of 3

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: <input type="checkbox"/> Include a description of any proposed pump test, if applicable.	Pollution Control and/or Recovery: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for the pollution control or recovery operation. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The annual diversion amount. <input type="checkbox"/> The annual consumptive use amount. <input type="checkbox"/> The maximum amount of water to be diverted and injected for the duration of the operation. <input type="checkbox"/> The method and place of discharge. <input type="checkbox"/> The method of measurement of water produced and discharged. <input type="checkbox"/> The source of water to be injected. <input type="checkbox"/> The method of measurement of water injected. <input type="checkbox"/> The characteristics of the aquifer. <input type="checkbox"/> The method of determining the resulting annual consumptive use of water and depletion from any related stream system. <input type="checkbox"/> Proof of any permit required from the New Mexico Environment Department. <input type="checkbox"/> An access agreement if the applicant is not the owner of the land on which the pollution plume control or recovery well is to be located.	Construction De-Watering: <input type="checkbox"/> Include a description of the proposed dewatering operation, <input type="checkbox"/> The estimated duration of the operation, <input type="checkbox"/> The maximum amount of water to be diverted, <input type="checkbox"/> A description of the need for the dewatering operation, and, <input type="checkbox"/> A description of how the diverted water will be disposed of.	Mine De-Watering: <input type="checkbox"/> Include a plan for pollution control/recovery, that includes the following: <input type="checkbox"/> A description of the need for mine dewatering. <input type="checkbox"/> The estimated maximum period of time for completion of the operation. <input type="checkbox"/> The source(s) of the water to be diverted. <input type="checkbox"/> The geohydrologic characteristics of the aquifer(s). <input type="checkbox"/> The maximum amount of water to be diverted per annum. <input type="checkbox"/> The maximum amount of water to be diverted for the duration of the operation <input type="checkbox"/> The quality of the water. <input type="checkbox"/> The method of measurement of water diverted. <input type="checkbox"/> The recharge of water to the aquifer. <input type="checkbox"/> Description of the estimated area of hydrologic effect of the project. <input type="checkbox"/> The method and place of discharge <input type="checkbox"/> An estimation of the effects on surface water rights and underground water rights from the mine dewatering project. <input type="checkbox"/> A description of the methods employed to estimate effects on surface water rights and underground water rights. <input type="checkbox"/> Information on existing wells, rivers, springs, and wetlands within the area of hydrologic effect.
Monitoring: <input type="checkbox"/> Include the reason for the monitoring well, and, <input type="checkbox"/> The duration of the planned monitoring.		Ground Source Heat Pump: <input type="checkbox"/> Include a description of the geothermal heat exchange project, <input type="checkbox"/> The number of boreholes for the completed project and required depths. <input type="checkbox"/> The time frame for constructing the geothermal heat exchange project, and, <input type="checkbox"/> The duration of the project. <input type="checkbox"/> Preliminary surveys, design data, and additional information shall be included to provide all essential facts relating to the request.	

ACKNOWLEDGEMENT

I, We (name of applicant(s)), Robert Dunaway & Heather Woods (agent)
 Print Name(s)

affirm that the foregoing statements are true to the best of (my, our) knowledge and belief.

Heather M. Woods
 Applicant Signature

11/11/22
 Applicant Signature

ACTION OF THE STATE ENGINEER

This application is:

☒ 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 5th day of December 20 22, for the State Engineer,

Mike A. Hamman, P.E. State Engineer

By: K. Parekh
 Signature

Kashyap Parekh
 Print

Title: Water Resources Manager I
 Print

FOR USE INTERNAL USE

Application for Permit, Form WR-07

File No.: C-4681

Tm No.: 738371

Page 3 of 3

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL

- 17-16 Construction of a water well by anyone without a valid New Mexico Well Driller License is illegal, and the landowner shall bear the cost of plugging the well by a licensed New Mexico well driller. This does not apply to driven wells, the casing of which does not exceed two and three-eighths inches outside diameter.
- 17-1A Depth of the well shall not exceed the thickness of the valley fill.
- 17-4 No water shall be appropriated and beneficially used under this permit.
- 17-6 The well authorized by this permit shall be plugged completely using the following method per Rules and Regulations Governing Well Driller Licensing, Construction, Repair and Plugging of Wells; Subsection C of 19.27.4.30 NMAC unless an alternative plugging method is proposed by the well owner and approved by the State Engineer upon completion of the permitted use. All pumping appurtenance shall be removed from the well prior to plugging. To plug a well, the entire well shall be filled from the bottom upwards to ground surface using a tremie pipe. The bottom of the tremie shall remain submerged in the sealant throughout the entire sealing process; other placement methods may be acceptable and approved by the state engineer. The well shall be plugged with an office of the state engineer approved sealant for use in the plugging of non-artesian wells. The well driller shall cut the casing off at least four (4) feet below ground surface and fill the open hole with at least two vertical feet of approved sealant. The driller must fill or cover any open annulus with sealant. Once the sealant has cured, the well driller or well owner may cover the seal with soil. A Plugging Report for said well shall be filed with the Office of the State Engineer in a District Office within 30 days of completion of the plugging.

Trn Desc: C 04681 POD1-2

File Number: C 04681

Trn Number: 738371

page: 1

**NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE**

SPECIFIC CONDITIONS OF APPROVAL (Continued)

- 17-7 The Permittee shall utilize the highest and best technology available to ensure conservation of water to the maximum extent practical.
- 17-B The well shall be drilled by a driller licensed in the State of New Mexico in accordance with 72-12-12 NMSA 1978. A licensed driller shall not be required for the construction of a well driven without the use of a drill rig, provided that the casing shall not exceed two and three-eighths (2 3/8) inches outside diameter.
- 17-C The well driller must file the well record with the State Engineer and the applicant within 30 days after the well is drilled or driven. It is the well owner's responsibility to ensure that the well driller files the well record.
The well driller may obtain the well record form from any District Office or the Office of the State Engineer website.
- 17-P The well shall be constructed, maintained, and operated to prevent inter-aquifer exchange of water and to prevent loss of hydraulic head between hydrogeologic zones.
- 17-Q The State Engineer retains jurisdiction over this permit.
- 17-R Pursuant to section 72-8-1 NMSA 1978, the permittee shall allow the State Engineer and OSE representatives entry upon private property for the performance of their respective duties, including access to the ditch or acequia to measure flow and also to the well for meter reading and water level measurement.

Trn Desc: C 04681 POD1-2

File Number: C 04681

Trn Number: 738371

page: 2

NEW MEXICO STATE ENGINEER OFFICE
PERMIT TO EXPLORE

SPECIFIC CONDITIONS OF APPROVAL (Continued)

LOG The Point of Diversion C 04681 POD1 must be completed and the Well Log filed on or before 12/05/2023.

LOG The Point of Diversion C 04681 POD2 must be completed and the Well Log filed on or before 12/05/2023.

IT IS THE PERMITTEE'S RESPONSIBILITY TO OBTAIN ALL AUTHORIZATIONS AND PERMISSIONS TO DRILL ON PROPERTY OF OTHER OWNERSHIP BEFORE COMMENCING ACTIVITIES UNDER THIS PERMIT.

ACTION OF STATE ENGINEER

Notice of Intention Rcvd:	Date Rcvd. Corrected:
Formal Application Rcvd: 12/01/2022	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 05 day of Dec A.D., 2022

Mike A. Hamman, P.E., State Engineer

By:

K. Parekh
KASHYAP PAREKH

Trn Desc: C 04681 POD1-2

File Number: C 04681

Trn Number: 738371

page: 3

Form 9-70 (Rev. 11-71)
RIGHT OF WAY AND EASEMENTdocument
number

72864 R-3

611

STATE OF New Mexico
COUNTY OF Eddy

KNOW ALL MEN BY THESE PRESENTS, that the undersigned, hereinafter referred to as Grantor, for and in consideration of the sum of TEN DOLLARS AND OTHER CONSIDERATIONS, to the Grantor in hand paid by EL PASO NATURAL GAS COMPANY, a corporation, hereinafter referred to as Grantee, the receipt of which is hereby acknowledged, does hereby grant, sell and convey unto said Grantee, its successors and assigns, a right of way and easement to locate, survey a route, construct, entrench, maintain and operate a pipeline with necessary valves, cathodic equipment and appurtenances thereto, and in connection therewith, a telephone line, a power transmission line and a road (said pipeline, valves, cathodic equipment, appurtenances, telephone and transmission lines and road being hereinafter sometimes collectively called the "facilities") over, under and through the hereinafter described land, approximately along the line designated by survey heretofore made or hereafter to be made by Grantee, through and over the said land on a right of way 60 feet in width.

This right of way and easement shall carry with it the right of ingress and egress to and from, and access on and along said right of way, with the right to use existing roads, for the purpose of constructing, inspecting, repairing and maintaining the facilities and the removal or replacement of same at will, either in whole or in part, and the replacement of said pipeline with either like or different size pipe. During temporary periods Grantee may use such portion of the property along and adjacent to said right of way as may be reasonably necessary in connection with construction, maintenance, repair, removal or replacement of the facilities.

TO HAVE AND TO HOLD the above described rights and easements, together with all rights necessary to operate and maintain the facilities over the right of way hereby granted unto the said Grantee, its successors and assigns, and the Grantee may assign the rights and easements herein granted, either in whole or in part, subject to the terms of this grant, and such rights and easements shall be covenants running with the land and be binding upon Grantor, his heirs, legal representatives and successors in title.

Grantee may at any time, and upon permanent abandonment of said right of way and removal of all improvements constructed thereon, shall execute and record a reconveyance and release hereof, whereupon this right of way and easement and all rights and privileges herein mutually granted shall be fully cancelled and terminated.

Grantor reserves the right to the use and enjoyment of said property except for the purposes herein granted, but such use shall not hinder, conflict or interfere with Grantee's surface or subsurface rights hereunder or disturb its facilities and no road, reservoir, excavation, obstruction or structure shall be constructed, created or maintained on, over, along or within 10 feet of said right of way without Grantee's prior written consent.

Grantee shall not, without Grantor's consent, construct a road over any land which is in cultivation, and when required for purposes of cultivation, Grantee, at Grantor's written request, will relocate any road constructed by it on another site supplied by Grantor. Grantee shall, during initial construction, bury said pipeline below ordinary plow depth.

Grantee shall pay to Grantor all damages to Grantor's growing crops and timber caused by the construction, maintenance, repair, replacement or removal of the facilities. It is mutually agreed that should any dispute arise as to such damages, the same, if not mutually agreed upon, shall at the written request of either party be arbitrated and determined by disinterested arbitrators, one to be appointed by Grantor and one by Grantee within 30 days after such request, and if the two so chosen be unable to agree within 90 days after appointment, then they shall, within 30 days after written request by either the Grantor or the Grantee, select a third arbitrator, and failing to do so, such third arbitrator shall be appointed on application of either Grantor or Grantee, by the senior Federal District Judge of the District wherein the land lies and the decision of any two of the arbitrators thus appointed shall be final and conclusive.

For the same consideration Grantor grants to the Grantee the right to construct, maintain and operate on said right of way, an additional pipeline or pipelines, with necessary valves, cathodic equipment and appurtenances thereto, and in the event Grantee exercises this right Grantee shall pay Grantor the sum of \$1.00 per lineal rod for each additional pipeline constructed, as well as damages caused by Grantee to Grantor's growing crops and timber; and Grantee shall in such case have the same rights with respect to such additional facilities as are hereby granted with respect to the original facilities to be constructed.

Grantor represents and warrants that he is the owner in fee simple of the land hereinafter described, subject only to outstanding mortgages, if any, now of record in said county, and in the event of default by Grantor, Grantee shall have the right to discharge or redeem for Grantor, in whole or in part, any mortgage, tax or other lien on said land and thereupon be subrogated to such lien and rights incident thereto.


It is hereby understood that the parties securing this grant in behalf of the Grantee are without authority to make any covenant or agreement not herein expressed.

DESCRIPTION OF PROPERTY SITUATED IN Eddy COUNTY, STATE OF New Mexico

Subdivision	Section	Township	Range	S. & M. or
W $\frac{1}{2}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$	15	24 South	29 East	N.M.P.M.
SW $\frac{1}{4}$ SW $\frac{1}{4}$	10	24 South	29 East	N.M.P.M.
SE $\frac{1}{4}$ SE $\frac{1}{4}$	9	24 South	29 East	N.M.P.M.

Anything contained herein to the contrary notwithstanding, the grantee agrees that any existing roads and bridges used by grantee in exercising the rights granted herein will be returned to their present state of repair by grantee before the completion of construction, normal wear and tear excepted.

USE ON DEC 1 2022 PM 3:58

WITNESS THE EXECUTION HEREOF the

 Attest:
 [Signature]
 City Clerk
 Project Name: Frank C. (Eddy County G. S.)

27th day of September 1972 A.D.
 The City of Carlsbad, New Mexico
 By: [Signature]
 Mayor

W/O A-1654

Dwg. No. C713.0-2

R/W 72864

Grant No. G-3

REG. NO. 149154

STATE OF NEW MEXICO)
) ss.
 COUNTY OF EDDY)

The foregoing instrument was acknowledged before me this 27th day
 of September, 1972 by Walter Gerrells, Mayor of the City of Carlsbad.



My commission expires:

September 25, 1973

Orvella S. Lusen
 Notary Public

STATE OF NEW MEXICO } ss.
 County of Eddy }

FILED OCT - 6 1972 FOR
 RECORD

at 11:00 o'clock A.M. and was duly
 recorded in Book 212 of Records of
 Eddy Pages 611
 Geraldine Mahaffey County Clerk
 Lusen M. Lusen Deputy

OSE DTI DEC 1 2022 11:58

INDEXED
COMPLETED

2.19
③ 2.75

OSE DTI DEC 1 2022 PM 3:58

41721 ◆ 98265

Larry Brotman, Esri, HERE, Garmin, (c) OpenStreetMap contributors, U.S.
Department of Energy Office of Legacy Management

Coordinates**UTM - NAD 83 (m) - Zone 13**

Easting 597003.392

Northing 3565310.235

State Plane - NAD 83 (f) - Zone E

Easting 653517.500

Northing 444038.427

Degrees Minutes Seconds

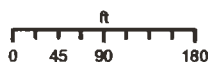
Latitude 32 : 13 : 12.802800

Longitude -103 : 58 : 14.120400

Location pulled from Coordinate Search

NEW MEXICO OFFICE
OF THE
STATE ENGINEER

1:2,257



12/2/2022



Interstate Stream Commission
These maps are distributed for informational purposes only. They are not to be used for legal purposes. The State Engineer's Office is not responsible for any errors or omissions in these maps. The State Engineer's Office is not responsible for any damages or liabilities arising from the use of these maps. The State Engineer's Office is not responsible for any damages or liabilities arising from the use of these maps.

Spatial Information**County:** Eddy**Groundwater Basin:** Carlsbad**Abstract Area:** Carlsbad 72-12-1
Carlsbad Underground Basin**Land Grant:**
Not in Land Grant**Restrictions:**

NA

PLSS Description**SENWSWNE Qtr of Sec 15 of 024S 029E**Derived from CADNSDI- Qtr Sec. locations are
calculated and are only approximations**Parcel Information****UPC/DocNum:** 4172141198265**Parcel Owner:** Oxy Usa Inc**Address:** E Of Dog Town Road Carlsbad
88220**Legal:** Quarter: Ne S: 15 T: 24S R: 29E W2Ne, , Quarter:
Nw S: 15 T: 24S R: 29E All, Quarter: Sw S: 15 T:
24S R: 29E All, Quarter: Se S: 15 T: 24S R: 29E
W2Se ,**POD Information****Owner:****File Number:****POD Status:** NoData**Permit Status:** NoData**Permit Use:** NoData**Purpose:**Calculated
PLSS◆ Coord Search
LocationOSE District
Boundary☐ Bernalillo
County Parcels
2022☐ Catron County
Parcels 2022☐ Chaves County
Parcels 2022☐ Cibola County
Parcels 2022☐ Colfax County
Parcels 2022☐ Curry County
Parcels 2022☐ De Baca
County Parcels
2022☐ Doña Ana
County Parcels
2022☐ Eddy County
Parcels 2022☐ Grant County
Parcels 2022☐ Harding County
Parcels 2022☐ Hidalgo County
Parcels 2022☐ Guadalupe
County Parcels
2022☐ Lea County
Parcels 2022☐ Lincoln County
Parcels 2022☐ Los Alamos
County Parcels
2022☐ Luna County
Parcels 2022☐ McKinley
County Parcels
2022☐ Mora County
Parcels 2022☐ Otero County
Parcels 2022☐ Quay County
Parcels 2022☐ Rio Arriba
County Parcels
2022☐ Roosevelt
County Parcels
2022☐ Sandoval
County Parcels
2022☐ San Juan
County Parcels
2022☐ San Miguel
County Parcels
2022☐ Santa Fe
County Parcels
2022☐ Sierra County
Parcels 2022☐ Socorro County
Parcels 2022☐ Taos County
Parcels 2022☐ Torrance
County Parcels
2022☐ Union County
Parcels 2022☐ Valencia County
Parcels 2022

Site Boundaries

41721 ◆ 98265

Larry Brotman, Esri, HERE, Garmin, (c) OpenStreetMap contributors, U.S.
Department of Energy Office of Legacy Management

Coordinates**UTM - NAD 83 (m) - Zone 13**

Easting 597003.392

Northing 3565310.235

State Plane - NAD 83 (f) - Zone E

Easting 653517.500

Northing 444038.427

Degrees Minutes Seconds

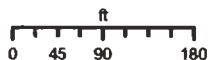
Latitude 32 : 13 : 12.802800

Longitude -103 : 58 : 14.120400

Location pulled from Coordinate Search

NEW MEXICO OFFICE
OF THE
STATE ENGINEER

1:2,257



12/2/2022



These public offices, and their maps, are the property of the New Mexico Office of the State Engineer (OSE). To ensure that these maps are correctly displayed for use in the field, users are advised to download the maps to their devices. These maps may contain errors and omissions. The OSE is not responsible for any errors or omissions. The OSE is not responsible for any errors or omissions. The OSE is not responsible for any errors or omissions.

Spatial Information**County:** Eddy**Groundwater Basin:** Carlsbad**Abstract Area:** Carlsbad 72-12-1**Carlsbad Underground Basin****Land Grant:**
Not in Land Grant**Restrictions:**

NA

PLSS Description**SENWSWNE Qtr of Sec 15 of 024S 029E**

Derived from CADNSDI- Qtr Sec. locations are
calculated and are only approximations

Parcel Information**UPC/DocNum:** 4172141198265**Parcel Owner:** Oxy Usa Inc**Address:** E Of Dog Town Road Carlsbad
88220

Legal: Quarter: Ne S: 15 T: 24S R: 29E W2Ne, , Quarter:
Nw S: 15 T: 24S R: 29E All, Quarter: Sw S: 15 T:
24S R: 29E All, Quarter: Se S: 15 T: 24S R: 29E
W2Se,

POD Information**Owner:****File Number:****POD Status:** NoData**Permit Status:** NoData**Permit Use:** NoData**Purpose:**Calculated
PLSS◆ Coord Search
LocationOSE District
BoundaryBernalillo County
Parcels 2022Catron County
Parcels 2022Chaves County
Parcels 2022Cibola County
Parcels 2022Colfax County
Parcels 2022Curry County
Parcels 2022De Baca County
Parcels 2022Doña Ana County
Parcels 2022Eddy County
Parcels 2022Grant County
Parcels 2022Harding County
Parcels 2022Hidalgo County
Parcels 2022Guadalupe County
Parcels 2022Lea County
Parcels 2022Lincoln County
Parcels 2022Los Alamos County
Parcels 2022Luna County
Parcels 2022McKinley County
Parcels 2022Mora County
Parcels 2022Otero County
Parcels 2022Quay County
Parcels 2022Rio Arriba County
Parcels 2022Roosevelt County
Parcels 2022Sandoval County
Parcels 2022San Juan County
Parcels 2022San Miguel County
Parcels 2022Santa Fe County
Parcels 2022Sierra County
Parcels 2022Socorro County
Parcels 2022Taos County
Parcels 2022Torrance County
Parcels 2022Union County
Parcels 2022Valencia County
Parcels 2022

Site Boundaries

Mike A. Hamman, P.E.
State Engineer



Roswell Office
1900 WEST SECOND STREET
ROSWELL, NM 88201

**STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER**

Trn Nbr: 738371
File Nbr: C 04681

Dec. 06, 2022

HEATHER WOODS
SOUDER MILLER & ASSOCIATES
401 W BROADWAY
FARMINGTON, NM 87401

Greetings:

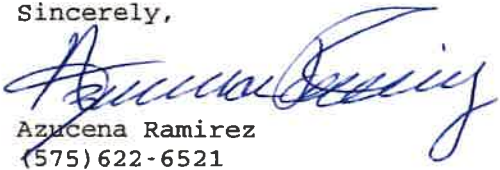
Your approved copy of the above numbered permit to drill a well for non-consumptive purposes is enclosed. You must obtain an additional permit if you intend to use the water. It is your responsibility to provide the contracted well driller with a copy of the permit that must be made available during well drilling activities.

Carefully review the attached conditions of approval for all specific permit requirements.

- * If use of this well is temporary in nature and the well will be plugged at the end of the well usage, the OSE must initially approve of the plugging. If plugging approval is not conditioned in this permit, the applicant must submit a Plugging Plan of Operations for approval prior to the well being plugged. The Plugging Record must be properly completed and submitted to the OSE within 30 days of the well plugging.
- * If the final intended purpose and condition requires a well ID tag and meter installation, the applicant must immediately send a completed meter report form to this office.
- * The well record and log must be submitted within 30 days of the completion of the well or if the attempt was a dry hole.
- * This permit expires and will be cancelled if no well is drilled and/or a well log is not received by the date set forth in the conditions of approval.

Appropriate forms can be downloaded from the OSE website www.ose.state.nm.us.

Sincerely,


Azucena Ramirez
(575) 622-6521

Enclosure

explore



OXY -CYPRESS 33-1 (10/25/20)





OXY -CYPRESS 33-1 (10/25/20)





OXY -CYPRESS 33-1 (10/25/20)





OXY -CYPRESS 33-1 (10/25/20)





OXY -CYPRESS 33-1 (10/25/20)





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OXY -CYPRESS 33-1 (10/25/20)



OXY -CYPRESS 33-1 (10/25/20)





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

February 29, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 33 - 1

Enclosed are the results of analyses for samples received by the laboratory on 02/23/24 14:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 1 (H240911-01)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.13	107	2.00	3.51		
Toluene*	<0.050	0.050	02/27/2024	ND	2.10	105	2.00	3.82		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.05	103	2.00	4.08		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.02	100	6.00	4.12		
Total BTEX	<0.300	0.300	02/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 2 (H240911-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.13	107	2.00	3.51		
Toluene*	<0.050	0.050	02/27/2024	ND	2.10	105	2.00	3.82		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.05	103	2.00	4.08		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.02	100	6.00	4.12		
Total BTEx	<0.300	0.300	02/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 3 (H240911-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.13	107	2.00	3.51		
Toluene*	<0.050	0.050	02/27/2024	ND	2.10	105	2.00	3.82		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.05	103	2.00	4.08		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.02	100	6.00	4.12		
Total BTEx	<0.300	0.300	02/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 4 (H240911-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.13	107	2.00	3.51	
Toluene*	<0.050	0.050	02/27/2024	ND	2.10	105	2.00	3.82	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.05	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.02	100	6.00	4.12	
Total BTEX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 5 (H240911-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.13	107	2.00	3.51		
Toluene*	<0.050	0.050	02/27/2024	ND	2.10	105	2.00	3.82		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.05	103	2.00	4.08		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.02	100	6.00	4.12		
Total BTEx	<0.300	0.300	02/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 6 (H240911-06)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.13	107	2.00	3.51	
Toluene*	<0.050	0.050	02/27/2024	ND	2.10	105	2.00	3.82	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.05	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.02	100	6.00	4.12	
Total BTEx	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 7 (H240911-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.13	107	2.00	3.51	
Toluene*	<0.050	0.050	02/27/2024	ND	2.10	105	2.00	3.82	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.05	103	2.00	4.08	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.02	100	6.00	4.12	
Total BTEx	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 8 (H240911-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 9 (H240911-09)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33	
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 10 (H240911-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 11 (H240911-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 12 (H240911-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	336	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 13 (H240911-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 69.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 14 (H240911-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Analytical Results For:

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 P.O. Box 805
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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 15 (H240911-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Analytical Results For:

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 P.O. Box 805
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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 16 (H240911-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	02/28/2024	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	02/27/2024	ND	213	106	200	0.524	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	3.79	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 17 (H240911-17)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33	
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66	
Total BTEx	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 18 (H240911-18)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33	
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66	
Total BTX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 66.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 19 (H240911-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 20 (H240911-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	464	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 21 (H240911-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 22 (H240911-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33		
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 23 (H240911-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33	
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 24 (H240911-24)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33	
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.1 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 25 (H240911-25)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33	
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66	
Total BTEx	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 26 (H240911-26)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33	
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66	
Total BTEx	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 81.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 27 (H240911-27)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.21	111	2.00	2.33	
Toluene*	<0.050	0.050	02/27/2024	ND	2.20	110	2.00	2.31	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	2.23	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.56	109	6.00	1.66	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 28 (H240911-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 29 (H240911-29)

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	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 30 (H240911-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 31 (H240911-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 32 (H240911-32)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 76.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 33 (H240911-33)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50	
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78	
Total BTX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 34 (H240911-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 35 (H240911-35)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50	
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 36 (H240911-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	212	106	200	0.303	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	214	107	200	5.66	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 69.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 37 (H240911-37)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 38 (H240911-38)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50	
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 39 (H240911-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50	
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 40 (H240911-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 41 (H240911-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.8 % 49.1-148

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Analytical Results For:

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 42 (H240911-42)

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	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 49.1-148

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Analytical Results For:

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 P.O. Box 805
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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 43 (H240911-43)

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	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 44 (H240911-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.6 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 45 (H240911-45)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 79.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 46 (H240911-46)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50	
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 47 (H240911-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.28	114	2.00	1.50		
Toluene*	<0.050	0.050	02/27/2024	ND	2.17	108	2.00	1.23		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.18	109	2.00	2.03		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.42	107	6.00	1.78		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 79.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 48 (H240911-48)

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	02/27/2024	ND	1.90	94.9	2.00	6.34		
Toluene*	<0.050	0.050	02/27/2024	ND	1.93	96.3	2.00	5.74		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.93	96.4	2.00	5.13		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	5.83	97.1	6.00	4.90		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 49 (H240911-49)

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	02/27/2024	ND	1.90	94.9	2.00	6.34		
Toluene*	<0.050	0.050	02/27/2024	ND	1.93	96.3	2.00	5.74		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.93	96.4	2.00	5.13		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	5.83	97.1	6.00	4.90		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 50 (H240911-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.90	94.9	2.00	6.34		
Toluene*	<0.050	0.050	02/27/2024	ND	1.93	96.3	2.00	5.74		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.93	96.4	2.00	5.13		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	5.83	97.1	6.00	4.90		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Analytical Results For:

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 51 (H240911-51)

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	02/27/2024	ND	1.90	94.9	2.00	6.34		
Toluene*	<0.050	0.050	02/27/2024	ND	1.93	96.3	2.00	5.74		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.93	96.4	2.00	5.13		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	5.83	97.1	6.00	4.90		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 71.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.3 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 1 @ 4' (H240911-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.90	94.9	2.00	6.34	
Toluene*	<0.050	0.050	02/27/2024	ND	1.93	96.3	2.00	5.74	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.93	96.4	2.00	5.13	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	5.83	97.1	6.00	4.90	
Total BTEX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.6 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 2 @ 4' (H240911-53)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.90	94.9	2.00	6.34	
Toluene*	<0.050	0.050	02/27/2024	ND	1.93	96.3	2.00	5.74	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.93	96.4	2.00	5.13	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	5.83	97.1	6.00	4.90	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 3 @ 4' (H240911-54)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.90	94.9	2.00	6.34	
Toluene*	<0.050	0.050	02/27/2024	ND	1.93	96.3	2.00	5.74	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.93	96.4	2.00	5.13	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	5.83	97.1	6.00	4.90	
Total BTX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/28/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 49.1-148

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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 4 @ 4' (H240911-55)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.90	94.9	2.00	6.34	
Toluene*	<0.050	0.050	02/27/2024	ND	1.93	96.3	2.00	5.74	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.93	96.4	2.00	5.13	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	5.83	97.1	6.00	4.90	
Total BTX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.0 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 5 @ 4' (H240911-56)

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	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	202	101	200	1.18	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	198	99.1	200	0.279	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 6 @ 4' (H240911-57)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85		
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.7 % 49.1-148

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Analytical Results For:

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 7 @ 4' (H240911-58)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85		
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56		
Total BTEx	<0.300	0.300	02/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 8 @ 4' (H240911-59)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEx	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 86.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Analytical Results For:

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 9 @ 4' (H240911-60)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEx	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 10 @ 4' (H240911-61)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.7 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 11 @ 4' (H240911-62)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 72.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 12 @ 4' (H240911-63)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85		
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56		
Total BTEx	<0.300	0.300	02/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 13 @ 4' (H240911-64)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.2 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 14 @ 4' (H240911-65)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/28/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.8 % 49.1-148

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Analytical Results For:

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 P.O. Box 805
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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 15 @ 4' (H240911-66)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/28/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 16 @ 4' (H240911-67)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85		
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 17 @ 4' (H240911-68)

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	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEx	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 49.1-148

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Analytical Results For:

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 18 @ 4' (H240911-69)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85		
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56		
Total BTEX	<0.300	0.300	02/27/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 78.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 19 @ 4' (H240911-70)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/28/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 20 @ 4' (H240911-71)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/28/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 21 @ 4' (H240911-72)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/28/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 22 @ 4' (H240911-73)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/28/2024	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 23 @ 4' (H240911-74)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Analytical Results For:

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 24 @ 4' (H240911-75)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	2.03	102	2.00	5.85	
Toluene*	<0.050	0.050	02/27/2024	ND	2.01	101	2.00	4.41	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.06	103	2.00	4.00	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.11	102	6.00	3.56	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 25 @ 4' (H240911-76)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	227	113	200	1.82	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	211	105	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/19/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 26 @ 4' (H240911-77)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.6 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 27 @ 10' (H240911-78)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 28 @ 10' (H240911-79)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.7 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 29 @ 10' (H240911-80)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 30 @ 10' (H240911-81)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 31 @ 10' (H240911-82)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54	
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33	
Total BTX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 32 @ 10' (H240911-83)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54	
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33	
Total BTEx	<0.300	0.300	02/27/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 87.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 33 @ 10' (H240911-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 34 @ 10' (H240911-85)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 35 @ 3' (H240911-86)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54	
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 36 @ 3' (H240911-87)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 37 @ 3' (H240911-88)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 38 @ 3' (H240911-89)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 39 @ 3' (H240911-90)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 40 @ 3' (H240911-91)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 41 @ 3' (H240911-92)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 42 @ 3' (H240911-93)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54	
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69	
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79	
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33	
Total BTEX	<0.300	0.300	02/27/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/28/2024	ND	416	104	400	10.9	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 43 @ 3' (H240911-94)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	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	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.1 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 44 @ 3' (H240911-95)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	1.83	91.4	2.00	8.54		
Toluene*	<0.050	0.050	02/27/2024	ND	1.95	97.7	2.00	6.69		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	1.94	96.9	2.00	6.79		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.04	101	6.00	5.33		
Total BTEX	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/28/2024	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	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 45 @ 3' (H240911-96)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520	
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37	QM-07
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69	QM-07
Total BTEx	<0.300	0.300	02/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	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	02/27/2024	ND	191	95.5	200	0.0157	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	173	86.4	200	0.644	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 46 @ 3' (H240911-97)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520	
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69	
Total BTEX	<0.300	0.300	02/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/28/2024	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	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 63.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

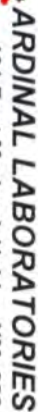
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST			
Project Manager: Cliff Brunson				P.O. #:							
Address: P.O. Box 805				Company: Oxy							
City: Hobbs				Attn:							
State: NM Zip: 88241				Address:							
Phone #: 575-397-6388 Fax #: 575-397-0397				City:							
Project #:				State: Zip:							
Project Name: CyPASS 33-1 BAT				Phone #:							
Project Location: New Mexico				Fax #:							
Sampler Name: Roger Hernandez											

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.	SAMPLING	DATE	TIME	TPH	BTEX	CL-
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE							
1240911	Side wall 21		1										2.19.24	1040			
	22		1										2.19.24	1045			
	23		1										2.19.24	1050			
	24		1										2.19.24	1055			
	25		1										2.19.24	1100			
	26		1										2.19.24	1105			
	27		1										2.19.24	1110			
	28		1										2.19.24	1115			
	29		1										2.19.24	1120			
	30		1										2.19.24	1125			

Relinquished By: Roger Hernandez		Date: 2-23-24		Received By: [Signature]		Date:	
Relinquished By: [Signature]		Date: 2-23-24		Received By: [Signature]		Date:	
Delivered By: (Circle One) -11.0% #140		Sample Condition <input type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Sampler - UPS - Bus - Other:		REMARKS:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: Cypress 33 -1 Bath Project Location: New Mexico Sampler Name: Roger Hernandez FOR LAB USE ONLY				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST			
Lab I.D. HA40911 Side wall 31 32 33 34 35 36 37 38 39 40	Sample I.D. (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE ICE / COOL OTHER	MATRIX PRESERV SAMPLING	DATE TIME	TPH BTEX CL-							
											(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE ICE / COOL OTHER
			2.19.24.11.30	✓	✓	✓					
			2.19.24.11.35	✓	✓	✓					
			2.19.24.11.40	✓	✓	✓					
			2.19.24.11.45	✓	✓	✓					
			2.19.24.11.50	✓	✓	✓					
			2.19.24.11.55	✓	✓	✓					
			2.19.24.12.00	✓	✓	✓					
			2.19.24.12.35	✓	✓	✓					
			2.19.24.12.40	✓	✓	✓					
			2.19.24.12.45	✓	✓	✓					

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Relinquished By: Roger Hernandez Date: 2.23.21 Time: Received By: [Signature] Date: Time:	Relinquished By: [Signature] Date: Time:	Received By: [Signature] Date: Time:	Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) [Signature]
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Delivered By: (Circle One) -11.03
Sampler - UPS - Bus - Other: #140

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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 104 of 109



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: Project Location: New Mexico Sampler Name:				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:				BILL TO				ANALYSIS REQUEST							
FOR LAB USE ONLY										Lab I.D.									
Sample I.D.										Sample I.D.									
HA0911										HA0911									
Sidewalks										Sidewalks									
Bottom										Bottom									
51										51									
52										52									
53										53									
54										54									
55										55									
56										56									
57										57									
58										58									
59										59									
60										60									
DATE										DATE									
TIME										TIME									
TPH										TPH									
BTEX										BTEX									
CL-										CL-									



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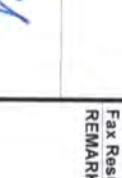


CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy										BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:										ANALYSIS REQUEST									
Sample Name: <i>Project Name: CYPRESS 33-1</i> Project Location: New Mexico Sample Name: <i>Project Location: New Mexico</i>										FOR LAB USE ONLY																			
Lab I.D. Sample I.D.										FOR LAB USE ONLY																			
Lab I.D. <i>4940911</i> Sample I.D. <i>Bottom</i>										FOR LAB USE ONLY																			
Lab I.D. <i>61</i> Sample I.D. <i>10 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>62</i> Sample I.D. <i>11 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>63</i> Sample I.D. <i>12 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>64</i> Sample I.D. <i>13 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>65</i> Sample I.D. <i>14 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>66</i> Sample I.D. <i>15 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>67</i> Sample I.D. <i>16 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>68</i> Sample I.D. <i>17 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>69</i> Sample I.D. <i>18 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>70</i> Sample I.D. <i>19 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>71</i> Sample I.D. <i>20 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>72</i> Sample I.D. <i>21 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>73</i> Sample I.D. <i>22 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>74</i> Sample I.D. <i>23 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>75</i> Sample I.D. <i>24 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>76</i> Sample I.D. <i>25 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>77</i> Sample I.D. <i>26 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>78</i> Sample I.D. <i>27 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>79</i> Sample I.D. <i>28 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>80</i> Sample I.D. <i>29 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>81</i> Sample I.D. <i>30 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>82</i> Sample I.D. <i>31 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>83</i> Sample I.D. <i>32 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>84</i> Sample I.D. <i>33 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>85</i> Sample I.D. <i>34 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>86</i> Sample I.D. <i>35 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>87</i> Sample I.D. <i>36 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>88</i> Sample I.D. <i>37 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>89</i> Sample I.D. <i>38 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>90</i> Sample I.D. <i>39 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>91</i> Sample I.D. <i>40 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>92</i> Sample I.D. <i>41 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>93</i> Sample I.D. <i>42 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>94</i> Sample I.D. <i>43 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>95</i> Sample I.D. <i>44 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>96</i> Sample I.D. <i>45 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>97</i> Sample I.D. <i>46 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>98</i> Sample I.D. <i>47 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>99</i> Sample I.D. <i>48 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>100</i> Sample I.D. <i>49 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>101</i> Sample I.D. <i>50 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>102</i> Sample I.D. <i>51 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>103</i> Sample I.D. <i>52 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>104</i> Sample I.D. <i>53 @ 4'</i>										FOR LAB USE ONLY																			
Lab I.D. <i>105</i> Sample I.D. <i>54 @ 4'</i>										FOR LAB USE ONLY																			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: Project Location: New Mexico Sampler Name: Roger Hernandez FOR LAB USE ONLY				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
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Relinquished By:  Date: Time:		Received By:  Date: Time:		Relinquished By:  Date: Time:		Received By:  Date: Time:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: 		REMARKS:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	T.D.H.	BTEX	CL-
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :							
HA40911	Bottom 20 @ 4'	C 1	1			✓						2.19.24	320	✓	✓	✓
	21 @ 4'	C 1	1			✓						2.19.24	325	✓	✓	✓
	22 @ 4'	C 1	1			✓						2.19.24	330	✓	✓	✓
	23 @ 4'	C 1	1			✓						2.19.24	335	✓	✓	✓
	24 @ 4'	C 1	1			✓						2.19.24	340	✓	✓	✓
	25 @ 4'	C 1	1			✓						2.19.24	345	✓	✓	✓
	26 @ 4'	C 1	1			✓						2.19.24	350	✓	✓	✓



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 108 of 109



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: Project Location: New Mexico Sample Name:										BILL TO P.O. #: Company: Oxy Attn: Address: City: State: zip: Phone #: Fax #:																			
FOR LAB USE ONLY Lab I.D. Sample I.D.										MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE ICE / COOL OTHER:										PRESERV SAMPLING									
DATE TIME										TPH BTEX CL-																			

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Relinquished By: Date: Time:										Received By: Date: Time:									
Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other:										Received By: Sample Condition: Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (initials)									
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:																			



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

February 29, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 33 - 1

Enclosed are the results of analyses for samples received by the laboratory on 02/23/24 14:05.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 47 @ 3' (H240914-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520	
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69	
Total BTEX	<0.300	0.300	02/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/28/2024	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	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 48 @ 3' (H240914-02)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	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	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 49 @ 3' (H240914-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEX	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 63.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 57.9 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 50 @ 3' (H240914-04)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	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	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 65.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.6 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 51 @ 3' (H240914-05)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520	
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69	
Total BTX	<0.300	0.300	02/28/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 65.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.7 % 49.1-148

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Analytical Results For:

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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 52 @ 3' (H240914-06)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEx	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 65.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.0 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 53 @ 3' (H240914-07)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520	
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69	
Total BTEX	<0.300	0.300	02/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/28/2024	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	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 Hobbs NM, 88241
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Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 54 @ 3' (H240914-08)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 73.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.9 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 55 @ 3' (H240914-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEx	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.9 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 56 @ 3' (H240914-10)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEx	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 57 @ 3' (H240914-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.4 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 58 @ 3' (H240914-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEx	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 70.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 59 @ 3' (H240914-13)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520	
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69	
Total BTEX	<0.300	0.300	02/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 60 @ 3' (H240914-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 61 @ 3' (H240914-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEx	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 62 @ 3' (H240914-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 63 @ 3' (H240914-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520		
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69		
Total BTEx	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 81.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 64 @ 3' (H240914-18)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.15	108	2.00	0.520	
Toluene*	<0.050	0.050	02/28/2024	ND	2.17	109	2.00	2.76	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.23	112	2.00	3.37	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.61	110	6.00	3.69	
Total BTEX	<0.300	0.300	02/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 65 @ 3' (H240914-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/27/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/27/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/27/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/27/2024	ND	6.23	104	6.00	3.51		
Total BTEx	<0.300	0.300	02/27/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	211	106	200	2.26	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	205	103	200	4.92	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 66 @ 3' (H240914-20)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 67 @ 3' (H240914-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 68 @ 3' (H240914-22)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113	
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51	
Total BTEX	<0.300	0.300	02/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 69 @ 3' (H240914-23)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 69.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 70 @ 3' (H240914-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEx	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 69.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 71 @ 3' (H240914-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 72 @ 3' (H240914-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 82.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 73 @ 3' (H240914-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEx	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 74 @ 3' (H240914-28)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 75 @ 3' (H240914-29)

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	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 89.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 76 @ 3' (H240914-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/28/2024	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	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 77 @ 3' (H240914-31)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEx	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/28/2024	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	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 78 @ 3' (H240914-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/28/2024	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	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 79 @ 1' (H240914-33)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 80 @ 1' (H240914-34)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEx	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/28/2024	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	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 81 @ 1' (H240914-35)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 82 @ 1' (H240914-36)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/28/2024	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	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 83 @ 1' (H240914-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113	
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51	
Total BTEX	<0.300	0.300	02/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 84 @ 1' (H240914-38)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	113	2.00	0.113		
Toluene*	<0.050	0.050	02/28/2024	ND	2.09	105	2.00	2.02		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.12	106	2.00	2.73		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.23	104	6.00	3.51		
Total BTEx	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/28/2024	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	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 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: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 85 @ 1' (H240914-39)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76	
Total BTX	<0.300	0.300	02/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	199	99.4	200	0.778	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	199	99.7	200	3.44	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 86 @ 1' (H240914-40)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11		
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76		
Total BTEX	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 87 @ 1' (H240914-41)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11		
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76		
Total BTEx	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 88 @ 1' (H240914-42)

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	02/28/2024	ND	2.27	114	2.00	1.11	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76	
Total BTEX	<0.300	0.300	02/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 89 @ 1' (H240914-43)

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	02/28/2024	ND	2.27	114	2.00	1.11		
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76		
Total BTEx	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 90 @ 1' (H240914-44)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11		
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76		
Total BTEX	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 91 @ 1' (H240914-45)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76	
Total BTEX	<0.300	0.300	02/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 92 @ 1' (H240914-46)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76	
Total BTEX	<0.300	0.300	02/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 93 @ 1' (H240914-47)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76	
Total BTEX	<0.300	0.300	02/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 94 @ 1' (H240914-48)

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	02/28/2024	ND	2.27	114	2.00	1.11	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76	
Total BTEX	<0.300	0.300	02/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 95 @ 1' (H240914-49)

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	02/28/2024	ND	2.27	114	2.00	1.11		
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76		
Total BTEX	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 96 @ 1' (H240914-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11		
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76		
Total BTEX	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 97 @ 1' (H240914-51)

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	02/28/2024	ND	2.27	114	2.00	1.11		
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76		
Total BTEx	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 98.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 98 @ 1' (H240914-52)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11		
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76		
Total BTEX	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 99 @ 1' (H240914-53)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76	
Total BTEX	<0.300	0.300	02/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 100 @ 1' (H240914-54)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11		
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76		
Total BTEx	<0.300	0.300	02/28/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 101 @ 1' (H240914-55)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76	
Total BTEX	<0.300	0.300	02/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 102 @ 1' (H240914-56)

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	02/28/2024	ND	2.27	114	2.00	1.11		
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07		
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72		
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76		
Total BTEX	<0.300	0.300	02/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM 103 @ 1' (H240914-57)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/28/2024	ND	2.27	114	2.00	1.11	
Toluene*	<0.050	0.050	02/28/2024	ND	2.25	112	2.00	1.07	
Ethylbenzene*	<0.050	0.050	02/28/2024	ND	2.21	110	2.00	1.72	
Total Xylenes*	<0.150	0.150	02/28/2024	ND	6.45	108	6.00	1.76	
Total BTX	<0.300	0.300	02/28/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/28/2024	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	02/27/2024	ND	211	105	200	1.01	
DRO >C10-C28*	<10.0	10.0	02/27/2024	ND	213	106	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	02/27/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Page 60 of 65



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO	
Project Manager: Cliff Brunson		P.O. #:	
Address: P.O. Box 805		Company: Oxy	
City: Hobbs		Attn:	
State: NM Zip: 88241		Address:	
Phone #: 575-397-6388 Fax #: 575-397-0397		City:	
Project #:		State: Zip:	
Project Name: Cypress 33-1 Bar		Phone #:	
Project Location: New Mexico		Fax #:	
Sample Name: Roger Hernandez		FOR LAB USE ONLY	
Lab I.D. H240914		Sample I.D.	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's endorsement hereby for any claim arising whether based in contract or tort, 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 unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		DATE TIME	
Relinquished By: Roger Hernandez		Received By: [Signature]	
Date: 5-23-21		Time: 1:45	
Delivered By: (Circle One) Stationary		Sample Condition	
Sampler - UPS - Bus - Other: -110°C #140		CHECKED BY: [Signature]	
Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476		REMARKS:	
Matrix: (G)RAB OR (C)OMP. # CONTAINERS		ANALYSIS REQUEST	
GROUNDWATER		TPH	
WASTEWATER		BTEX	
SOIL		CL	
OIL			
SLUDGE			
OTHER:			
ACID/BASE:			
ICE / COOL			
OTHER:			
PRESERV:			
SAMPLING			



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 62 of 65



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name:

Project Location: New Mexico

Sampler Name:

FOR LAB USE ONLY

#240911
Lab I.D.

Sample I.D.

Bottom 7703

175000

1900

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

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arranges, cardinal's liability and client's exclusive remedy for negligence and any other cause whatsoever shall be limited to the amount of the fee paid by the client.

and/or related to the performance of services hereunder

Date:

Time:

Page 13-21

Time: 4:00

Circle One)

Bus - Other: 11.0%

not accept verbal changes. Please

Page 63 of 65



CARDINAL LABORATORIES
101 East McDowell Blvd., Suite 200
San Francisco, CA 94142
415/774-2200

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | |
|---|--|--|--|
| Company Name: BBC International, Inc.
Project Manager: Cliff Brunson | | BILL TO | |
| Address: P.O. Box 805
City: Hobbs
Phone #: 575-397-6388
Project #: | | P.O. #:
Company: Oxy
Attn:
Address:
City:
State: Zip: | |
| State: NM Zip: 88241
Fax #: 575-397-0397
Project Owner: Oxy | | Analysis Request | |
| Project Name: Cypress 33-1 BATT
Project Location: New Mexico
Sampler Name: Roger Hernandez | | FOR LAB USE ONLY | |
| Lab I.D.: #4240914 | | Sample I.D.: | |
| Sample I.D.: | | DATE | |
| Bottom 8701' | | TIME | |
| 41 | | 2.10.14 130 | |
| 42 | | 2.10.14 135 | |
| 43 | | 2.10.14 140 | |
| 44 | | 2.10.14 145 | |
| 45 | | 2.10.14 150 | |
| 46 | | 2.10.14 155 | |
| 47 | | 2.10.14 160 | |
| 48 | | 2.10.14 165 | |
| 49 | | 2.10.14 170 | |
| 50 | | 2.10.14 175 | |
| 51 | | 2.10.14 180 | |
| 52 | | 2.10.14 185 | |
| 53 | | 2.10.14 190 | |
| 54 | | 2.10.14 195 | |
| 55 | | 2.10.14 200 | |
| 56 | | 2.10.14 205 | |
| 57 | | 2.10.14 210 | |
| 58 | | 2.10.14 215 | |
| 59 | | 2.10.14 220 | |
| 60 | | 2.10.14 225 | |
| 61 | | 2.10.14 230 | |
| 62 | | 2.10.14 235 | |
| 63 | | 2.10.14 240 | |
| 64 | | 2.10.14 245 | |
| 65 | | 2.10.14 250 | |
| 66 | | 2.10.14 255 | |
| 67 | | 2.10.14 260 | |
| 68 | | 2.10.14 265 | |
| 69 | | 2.10.14 270 | |
| 70 | | 2.10.14 275 | |
| 71 | | 2.10.14 280 | |
| 72 | | 2.10.14 285 | |
| 73 | | 2.10.14 290 | |
| 74 | | 2.10.14 295 | |
| 75 | | 2.10.14 300 | |
| 76 | | 2.10.14 305 | |
| 77 | | 2.10.14 310 | |
| 78 | | 2.10.14 315 | |
| 79 | | 2.10.14 320 | |
| 80 | | 2.10.14 325 | |
| 81 | | 2.10.14 330 | |
| 82 | | 2.10.14 335 | |
| 83 | | 2.10.14 340 | |
| 84 | | 2.10.14 345 | |
| 85 | | 2.10.14 350 | |
| 86 | | 2.10.14 355 | |
| 87 | | 2.10.14 360 | |
| 88 | | 2.10.14 365 | |
| 89 | | 2.10.14 370 | |
| 90 | | 2.10.14 375 | |
| 91 | | 2.10.14 380 | |
| 92 | | 2.10.14 385 | |
| 93 | | 2.10.14 390 | |
| 94 | | 2.10.14 395 | |
| 95 | | 2.10.14 400 | |
| 96 | | 2.10.14 405 | |
| 97 | | 2.10.14 410 | |
| 98 | | 2.10.14 415 | |
| 99 | | 2.10.14 420 | |
| 100 | | 2.10.14 425 | |
| 101 | | 2.10.14 430 | |
| 102 | | 2.10.14 435 | |
| 103 | | 2.10.14 440 | |
| 104 | | 2.10.14 445 | |
| 105 | | 2.10.14 450 | |
| 106 | | 2.10.14 455 | |
| 107 | | 2.10.14 460 | |
| 108 | | 2.10 | |



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | | | | | |
|--|--|----------------------------|--|--|--|----------------------|--|---|--|-----------------------|--|---|--|---------------------|--|-----------------|--|--|--|--|--|
| Company Name: BBC International, Inc. | | P.O. #: | | BILL TO | | | | | | | | | | | | | | | | | |
| Project Manager: Cliff Brunson | | Company: Oxy | | ANALYSIS REQUEST | | | | | | | | | | | | | | | | | |
| Address: P.O. Box 805 | | Attn: | | | | | | | | | | | | | | | | | | | |
| City: Hobbs | | State: NM | | Zip: 88241 | | | | | | | | | | | | | | | | | |
| Phone #: 575-397-6388 | | Fax #: 575-397-0397 | | | | | | | | | | | | | | | | | | | |
| Project #: | | Project Owner: Oxy | | | | | | | | | | | | | | | | | | | |
| Project Name: Cypress 33-1 Bar | | City: | | | | | | | | | | | | | | | | | | | |
| Project Location: New Mexico | | State: | | | | | | | | | | | | | | | | | | | |
| Sample Name: Ego Hernandez | | Phone #: | | | | | | | | | | | | | | | | | | | |
| FOR LAB USE ONLY | | Fax #: | | | | | | | | | | | | | | | | | | | |
| Lab I.D. H240914 | | Sample I.D. | | (G)RAB OR (C)OMP | | # CONTAINERS | | MATRIX | | PRESERV | | SAMPLING | | | | | | | | | |
| | | | | | | | | GROUNDWATER | | | | | | | | | | | | | |
| | | | | | | | | WASTEWATER | | | | | | | | | | | | | |
| | | | | | | | | SOIL | | | | | | | | | | | | | |
| | | | | | | | | OIL | | | | | | | | | | | | | |
| | | | | | | | | SLUDGE | | | | | | | | | | | | | |
| | | | | | | | | OTHER : | | | | | | | | | | | | | |
| | | | | | | | | ACID/BASE: | | | | | | | | | | | | | |
| | | | | | | | | ICE / COOL | | | | | | | | | | | | | |
| | | | | | | | | OTHER : | | | | | | | | | | | | | |
| | | | | | | | | DATE | | TIME | | | | | | | | | | | |
| 51 | | Bottom 97 @ 1' | | G | | 1 | | 2.10.14 | | 3:20 | | | | TPH | | | | | | | |
| 52 | | 98 @ 1' | | G | | 1 | | 2.10.14 | | 3:25 | | | | BTEX | | | | | | | |
| 53 | | 99 @ 1' | | G | | 1 | | 2.10.14 | | 3:30 | | | | CL- | | | | | | | |
| 54 | | 100 @ 1' | | G | | 1 | | 2.10.14 | | 3:35 | | | | | | | | | | | |
| 55 | | 101 @ 1' | | G | | 1 | | 2.10.14 | | 3:40 | | | | | | | | | | | |
| 56 | | 102 @ 1' | | G | | 1 | | 2.10.14 | | 3:45 | | | | | | | | | | | |
| 57 | | 103 @ 1' | | G | | 1 | | 2.10.14 | | 3:50 | | | | | | | | | | | |
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| Relinquished By: [Signature] | | Date: | | Received By: [Signature] | | Date: | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | Add'l Phone #: | | Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No | | Add'l Fax #: | | REMARKS: | | | | | |
| Relinquished By: [Signature] | | Time: | | Received By: [Signature] | | Time: | | | | | | | | | | | | | | | |
| Delivered By: (Circle One) [Signature] | | Date: 5-23-24 | | Received By: [Signature] | | Date: 5-23-24 | | | | | | | | | | | | | | | |
| Time: 1405 | | | | Time: 1405 | | | | | | | | | | | | | | | | | |
| Sampler - UPS - Bus - Other: -11.0c | | | | Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> | | | | | | | | | | | | | | | | | |
| | | | | CHECKED BY: [Signature] | | | | | | | | | | | | | | | | | |

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



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

February 29, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 33 - 1

Enclosed are the results of analyses for samples received by the laboratory on 02/23/24 16:28.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 104 @ 1' (H240921-01)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 02/28/2024 | 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 | 02/27/2024 | ND | 211 | 105 | 200 | 1.01 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 213 | 106 | 200 | 6.15 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 105 @ 1' (H240921-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 192 | 16.0 | 02/28/2024 | 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 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 106 @ 1' (H240921-03)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 224 | 16.0 | 02/28/2024 | 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 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 107 @ 1' (H240921-04)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 02/28/2024 | 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 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 108 @ 1' (H240921-05)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 02/28/2024 | 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 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 109 @ 1' (H240921-06)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 160 | 16.0 | 02/28/2024 | 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 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 110 @ 1' (H240921-07)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 02/28/2024 | 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 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 111 @ 1' (H240921-08)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 02/28/2024 | 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 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 112 @ 1' (H240921-09)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 02/28/2024 | 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 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 113 @ 1' (H240921-10)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 208 | 16.0 | 02/28/2024 | 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 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 114 @ 1' (H240921-11)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 208 | 16.0 | 02/28/2024 | 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 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.3 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 115 @ 1' (H240921-12)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | |
| Total BTX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 176 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 71.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 116 @ 1' (H240921-13)

| BTEX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 240 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 117 @ 1' (H240921-14)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | |
| Total BTX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 240 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 118 @ 1' (H240921-15)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 119 @ 1' (H240921-16)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 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: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 120 @ 1' (H240921-17)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 121 @ 1' (H240921-18)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 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: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 122 @ 1' (H240921-19)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | |
| Total BTX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.7 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 123 @ 3' (H240921-20)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.19 | 109 | 2.00 | 3.92 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.18 | 109 | 2.00 | 4.07 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.14 | 107 | 2.00 | 4.55 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.51 | 108 | 6.00 | 4.02 | |
| Total BTX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 124 @ 3' (H240921-21)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 190 | 95.1 | 200 | 0.777 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 178 | 88.8 | 200 | 1.05 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 125 @ 3' (H240921-22)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | |
| Total BTX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 112 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 70.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 126 @ 8' (H240921-23)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.3 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 127 @ 8' (H240921-24)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 128 @ 7' (H240921-25)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 129 @ 7' (H240921-26)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | |
| Total BTX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 130 @ 7' (H240921-27)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 131 @ 7' (H240921-28)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 132 @ 7' (H240921-29)

| 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 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 133 @ 7' (H240921-30)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 134 @ 7' (H240921-31)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: AC | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 135 @ 7' (H240921-32)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 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: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 136 @ 7' (H240921-33)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 137 @ 7' (H240921-34)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 138 @ 7' (H240921-35)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 139 @ 7' (H240921-36)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 96.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 140 @ 7' (H240921-37)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 80.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 141 @ 7' (H240921-38)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | |
| Total BTX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 96.0 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.2 % 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: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 142 @ 7' (H240921-39)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 143 @ 9' (H240921-40)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|--------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 1.97 | 98.4 | 2.00 | 0.771 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.06 | 103 | 2.00 | 0.247 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.04 | 102 | 2.00 | 0.203 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.22 | 104 | 6.00 | 0.0217 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

Surrogate: 4-Bromofluorobenzene (PID) 114 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 49.1-148

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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 144 @ 9' (H240921-41)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.27 | 113 | 2.00 | 2.18 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.25 | 112 | 2.00 | 1.79 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.21 | 111 | 2.00 | 1.84 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.67 | 111 | 6.00 | 1.39 | | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: ms | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/28/2024 | ND | 198 | 99.2 | 200 | 2.04 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/28/2024 | ND | 211 | 106 | 200 | 4.06 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/28/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 145 @ 9' (H240921-42)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.27 | 113 | 2.00 | 2.18 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.25 | 112 | 2.00 | 1.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.21 | 111 | 2.00 | 1.84 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.67 | 111 | 6.00 | 1.39 | |
| Total BTX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 144 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 188 | 93.8 | 200 | 0.694 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 186 | 93.2 | 200 | 4.38 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 146 @ 9' (H240921-43)

| 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 | 02/28/2024 | ND | 2.27 | 113 | 2.00 | 2.18 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.25 | 112 | 2.00 | 1.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.21 | 111 | 2.00 | 1.84 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.67 | 111 | 6.00 | 1.39 | |
| Total BTEX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 188 | 93.8 | 200 | 0.694 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 186 | 93.2 | 200 | 4.38 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 147 @ 9' (H240921-44)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.27 | 113 | 2.00 | 2.18 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.25 | 112 | 2.00 | 1.79 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.21 | 111 | 2.00 | 1.84 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.67 | 111 | 6.00 | 1.39 | | |
| Total BTX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 188 | 93.8 | 200 | 0.694 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 186 | 93.2 | 200 | 4.38 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 148 @ 2' (H240921-45)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.27 | 113 | 2.00 | 2.18 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.25 | 112 | 2.00 | 1.79 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.21 | 111 | 2.00 | 1.84 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.67 | 111 | 6.00 | 1.39 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 188 | 93.8 | 200 | 0.694 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 186 | 93.2 | 200 | 4.38 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 149 @ 2' (H240921-46)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.27 | 113 | 2.00 | 2.18 | | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.25 | 112 | 2.00 | 1.79 | | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.21 | 111 | 2.00 | 1.84 | | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.67 | 111 | 6.00 | 1.39 | | |
| Total BTEx | <0.300 | 0.300 | 02/28/2024 | ND | | | | | | |

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

| Chloride, SM4500CI-B | | mg/kg | | Analyzed By: HM | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 144 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 188 | 93.8 | 200 | 0.694 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 186 | 93.2 | 200 | 4.38 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 74.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 02/23/2024
 Reported: 02/29/2024
 Project Name: CYPRESS 33 - 1
 Project Number: 10-25-20
 Project Location: OXY - NEW MEXICO

Sampling Date: 02/22/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: BOTTOM 150 @ 2' (H240921-47)

| BTX 8021B | | mg/kg | | Analyzed By: JH | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Benzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.27 | 113 | 2.00 | 2.18 | |
| Toluene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.25 | 112 | 2.00 | 1.79 | |
| Ethylbenzene* | <0.050 | 0.050 | 02/28/2024 | ND | 2.21 | 111 | 2.00 | 1.84 | |
| Total Xylenes* | <0.150 | 0.150 | 02/28/2024 | ND | 6.67 | 111 | 6.00 | 1.39 | |
| Total BTX | <0.300 | 0.300 | 02/28/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: HM | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| Chloride | 128 | 16.0 | 02/28/2024 | ND | 432 | 108 | 400 | 3.77 | |

| TPH 8015M | | mg/kg | | Analyzed By: MS | | | | | |
|------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|-------|-----------|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier |
| GRO C6-C10* | <10.0 | 10.0 | 02/27/2024 | ND | 188 | 93.8 | 200 | 0.694 | |
| DRO >C10-C28* | <10.0 | 10.0 | 02/27/2024 | ND | 186 | 93.2 | 200 | 4.38 | |
| EXT DRO >C28-C36 | <10.0 | 10.0 | 02/27/2024 | ND | | | | | |

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 50 of 54





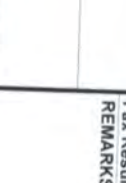
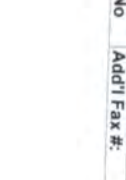
ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | | | | | | | |
|---|--|----------------------------|--|---|--|-------------------------------|--|--|--|---|--|--|--|---------------------------------|--|------------------|--|
| Company Name: BBC International, Inc.
Project Manager: Cliff Brunson
Address: P.O. Box 805
City: Hobbs
Phone #: 575-397-6388
Project #:
Project Name:
Project Location: New Mexico
Sampler Name: | | | | State: NM Zip: 88241
Fax #: 575-397-0397
Project Owner: Oxy
City:
State:
Zip:
Phone #:
Fax #: | | | | BILL TO
P.O. #:
Company: Oxy
Attn:
Address:
City:
State:
Zip:
Phone #:
Fax #: | | | | ANALYSIS REQUEST | | | | | |
| FOR LAB USE ONLY | | Lab I.D.
H240921 | | Sample I.D.
Bottom | | (G)RAB OR (C)OMP.
C | | # CONTAINERS
1 | | MATRIX
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER: | | PRESERV
ACID/BASE:
ICE / COOL
OTHER: | | SAMPLING
DATE
TIME | | TPH
BTX
CL | |
| | | 11 | | 114 e 1' | | C | | 1 | | | | 2/22/94 | | 9:50 | | ✓ | |
| | | 12 | | 115 e 1' | | C | | 1 | | | | 2/22/94 | | 9:55 | | ✓ | |
| | | 13 | | 116 e 1' | | C | | 1 | | | | 2/22/94 | | 10:00 | | ✓ | |
| | | 14 | | 117 e 1' | | C | | 1 | | | | 2/22/94 | | 10:05 | | ✓ | |
| | | 15 | | 118 e 1' | | C | | 1 | | | | 2/22/94 | | 10:10 | | ✓ | |
| | | 16 | | 119 e 1' | | C | | 1 | | | | 2/22/94 | | 10:15 | | ✓ | |
| | | 17 | | 120 e 1' | | C | | 1 | | | | 2/22/94 | | 10:20 | | ✓ | |
| | | 18 | | 121 e 1' | | C | | 1 | | | | 2/22/94 | | 10:25 | | ✓ | |
| | | 19 | | 122 e 1' | | C | | 1 | | | | 2/22/94 | | 10:30 | | ✓ | |
| | | 20 | | 123 e 3' | | C | | 1 | | | | 2/22/94 | | 10:35 | | ✓ | |

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| | | | | | | | |
|--|--|---|--|---|--|--|--|
| Relinquished By:

Date: 2-23-94
Time: | | Received By:

Date: 2-23-94
Time: | | Relinquished By:

Date: 2-23-94
Time: | | Received By:

Date: 2-23-94
Time: | |
| Delivered By: (Circle One)
Sampler - UPS - Bus - Other: | | Sample Condition
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | CHECKED BY:
(Initials) | | REMARKS: | |

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



101 East Marland, Hobbs, NM 88240

(800) 353-2220 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | |
|--|--|--|--|-------------------------|--|
| Company Name: BBC International, Inc.
Project Manager: Cliff Brunson
Address: P.O. Box 805
City: Hobbs
State: NM Zip: 88241
Phone #: 575-397-6388 Fax #: 575-397-0397
Project #:
Project Name:
Project Location: New Mexico
Sampler Name: | | BILL TO
P.O. #:
Company: Oxy
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #: | | ANALYSIS REQUEST | |
| FOR LAB USE ONLY
Lab I.D.
Sample I.D.
Matrix: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
Preserv: ACID/BASE, ICE / COOL, OTHER:
Sampling: | | | | | |

| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | PRESERV | SAMPLING | DATE | TIME | TPH | BTEX | CL- |
|----------|-------------|-------------------|--------------|--------|---------|----------|---------|------|-----|------|-----|
| H240921 | BATHON | 12403 | 1 | ✓ | | | 2-22-24 | 1040 | ✓ | ✓ | ✓ |
| 01 | | 12503 | 1 | ✓ | | | 2-22-24 | 1045 | ✓ | ✓ | ✓ |
| 02 | | 12608 | 1 | ✓ | | | 2-22-24 | 1050 | ✓ | ✓ | ✓ |
| 03 | | 12708 | 1 | ✓ | | | 2-22-24 | 1055 | ✓ | ✓ | ✓ |
| 04 | | 12807 | 1 | ✓ | | | 2-22-24 | 1100 | ✓ | ✓ | ✓ |
| 05 | | 12907 | 1 | ✓ | | | 2-22-24 | 1105 | ✓ | ✓ | ✓ |
| 06 | | 13007 | 1 | ✓ | | | 2-22-24 | 1110 | ✓ | ✓ | ✓ |
| 07 | | 13107 | 1 | ✓ | | | 2-22-24 | 1115 | ✓ | ✓ | ✓ |
| 08 | | 13207 | 1 | ✓ | | | 2-22-24 | 1120 | ✓ | ✓ | ✓ |
| 09 | | 13307 | 1 | ✓ | | | 2-22-24 | 1125 | ✓ | ✓ | ✓ |

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| | | | |
|---|---|--|--|
| Relinquished By:
Date: 2-23-24
Time: 2:33 PM
Received By:
Date: 2-23-24
Time: 10:28 AM | Relinquished By:
Date: 2-23-24
Time: 2:33 PM
Received By:
Date: 2-23-24
Time: 10:28 AM | Delivered By: (Circle One)
Sampler - UPS - Bus - Other: | Sample Condition:
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>
Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>
CHECKED BY: (Initials) |
|---|---|--|--|

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | |
|--|--------------------|--------------------------|---------------------|
| Company Name: BBC International, Inc. | | BILL TO | |
| Project Manager: Cliff Brunson | | P.O. #: | |
| Address: P.O. Box 805 | | Company: Oxy | |
| City: Hobbs | | Attn: | |
| Phone #: 575-397-6388 | | Address: | |
| Fax #: 575-397-0397 | | City: | |
| Project #: | | State: | |
| Project Name: Cypress 33-1 | | Zip: | |
| Project Location: New Mexico | | Phone #: | |
| Sample Name: Roger Hernandez | | Fax #: | |
| FOR LAB USE ONLY | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS |
| H240921 | Bottom | | |
| 31 | 134 e 7 | | |
| 32 | 135 e 7 | | |
| 33 | 136 e 7 | | |
| 34 | 137 e 7 | | |
| 35 | 138 e 7 | | |
| 36 | 139 e 7 | | |
| 37 | 140 e 7 | | |
| 38 | 141 e 7 | | |
| 39 | 142 e 7 | | |
| 40 | 143 e 7 | | |
| | | MATRIX | PRESERV |
| | | GROUNDWATER | SAMPLING |
| | | WASTEWATER | |
| | | SOIL | |
| | | OIL | |
| | | SLUDGE | |
| | | OTHER : | |
| | | ACID/BASE | |
| | | ICE / COOL | |
| | | OTHER : | |
| | | DATE | TIME |
| | | 2.22.24 | 1130 |
| | | 2.22.24 | 1135 |
| | | 2.22.24 | 1140 |
| | | 2.22.24 | 1145 |
| | | 2.22.24 | 1150 |
| | | 2.22.24 | 1155 |
| | | 2.22.24 | 1200 |
| | | 2.22.24 | 100 |
| | | 2.22.24 | 105 |
| | | 2.22.24 | 110 |
| | | TPH | |
| | | BTEX | |
| | | CL | |

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Relinquished By: [Signature] **Date:** 2-23-24 **Received By:** [Signature]

Relinquished By: [Signature] **Date:** 2-23-24 **Received By:** [Signature]

Delivered By: (Circle One) **Time:** 16:28 **Signature:** [Signature]

Sampler - UPS - Bus - Other: **Signature:** [Signature]

Sample Condition
Cool ☒ Yes ☐ No
Intact ☒ Yes ☐ No

CHECKED BY: (Initials) **Signature:** [Signature]

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

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

REMARKS:

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



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | | | | | |
|--|--------------------|-------------------|--------------|---------------------|----------|----------|-----|-------------------------|--|--|--|
| Company Name: BBC International, Inc. | | | | BILL TO | | | | ANALYSIS REQUEST | | | |
| Project Manager: Cliff Brunson | | | | P.O. #: | | | | | | | |
| Address: P.O. Box 805 | | | | Company: Oxy | | | | | | | |
| City: Hobbs | | | | Attn: | | | | | | | |
| Phone #: 575-397-6388 | | | | State: NM | | | | Zip: 88241 | | | |
| Fax #: 575-397-0397 | | | | Address: | | | | | | | |
| Project #: | | | | City: | | | | | | | |
| Project Name: | | | | State: | | | | | | | |
| Project Location: New Mexico | | | | Phone #: | | | | | | | |
| Sampler Name: | | | | Fax #: | | | | | | | |
| FOR LAB USE ONLY | | | | | | | | | | | |
| Lab I.D. | Sample I.D. | (G)RAB OR (C)OMP. | # CONTAINERS | MATRIX | PRESERV. | SAMPLING | | | | | |
| | | GROUNDWATER | | WASTEWATER | | | | | | | |
| | | SOIL | | OIL | | | | | | | |
| | | SLUDGE | | OTHER : | | | | | | | |
| | | ACID/BASE: | | ICE / COOL | | | | | | | |
| | | OTHER : | | | | | | | | | |
| | | DATE | TIME | | | | | | | | |
| H240921 | Bottom / 44.9 | G | 1 | | | | TPH | | | | |
| 41 | 145 c.g. | G | 1 | | | | BTX | | | | |
| 42 | 146 c.g. | G | 1 | | | | CL- | | | | |
| 43 | 147 c.g. | G | 1 | | | | | | | | |
| 44 | 148 c.g. | G | 1 | | | | | | | | |
| 45 | 149 c.g. | G | 1 | | | | | | | | |
| 46 | 150 c.g. | G | 1 | | | | | | | | |
| 47 | | | | | | | | | | | |

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| | | | |
|-----------------------------------|--|---|------------------------|
| Relinquished By: | Date: | Received By: | Date: |
| [Signature] | 2-23-24 | [Signature] | 2-23-24 |
| Relinquished By: | Date: | Received By: | Date: |
| [Signature] | 2-23-24 | [Signature] | 2-23-24 |
| Delivered By: (Circle One) | Time: | Sample Condition | CHECKED BY: |
| Sampler - UPS - Bus - Other: | 16:28 | Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> | [Signature] (Initials) |
| | -9:02 | | |
| | #146 | | |
| | | | |
| REMARKS: | Phone Result: | Fax Result: | Add'l Phone #: |
| | <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No | |



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

March 20, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 33 - 1

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/20/2024
 Project Name: CYPRESS 33 - 1
 Project Number: NONE GIVEN
 Project Location: OXY - NEW MEXICO

Sampling Date: 03/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW 27 A (H241350-01)

| BTX 8021B | | 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 BTX | <0.300 | 0.300 | 03/17/2024 | ND | | | | | |

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

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 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 | 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 87.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/20/2024
 Project Name: CYPRESS 33 - 1
 Project Number: NONE GIVEN
 Project Location: OXY - NEW MEXICO

Sampling Date: 03/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW 28 A (H241350-02)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/17/2024 | 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 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 48.0 | 16.0 | 03/18/2024 | 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 | 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 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/15/2024
 Reported: 03/20/2024
 Project Name: CYPRESS 33 - 1
 Project Number: NONE GIVEN
 Project Location: OXY - NEW MEXICO

Sampling Date: 03/13/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW 35 A (H241350-03)

| BTEx 8021B | | mg/kg | | Analyzed By: JH | | | | | | |
|----------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Benzene* | <0.050 | 0.050 | 03/17/2024 | 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) 94.1 % 71.5-134

| Chloride, SM4500Cl-B | | mg/kg | | Analyzed By: CT | | | | | | |
|----------------------|--------|-----------------|------------|-----------------|-----|------------|---------------|------|-----------|--|
| Analyte | Result | Reporting Limit | Analyzed | Method Blank | BS | % Recovery | True Value QC | RPD | Qualifier | |
| Chloride | 64.0 | 16.0 | 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 | 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 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Notes and Definitions

| | |
|------|--|
| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
| ND | Analyte NOT DETECTED at or above the reporting limit |
| RPD | Relative Percent Difference |
| ** | Samples not received at proper temperature of 6°C or below. |
| *** | Insufficient time to reach temperature. |
| - | Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report |

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

Celey D. Keene, Lab Director/Quality Manager



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| | | | | | | | |
|--|--|--|--|---|--|--|--|
| Company Name: BBC International, Inc.
Project Manager: Cliff Brunson
Address: P.O. Box 805
City: Hobbs
State: NM Zip: 88241
Phone #: 575-397-6388 Fax #: 575-397-0397
Project #:
Project Name: Cypress 33-1
Project Location: New Mexico
Sample Name: Regr. Mercedes
FOR LAB USE ONLY
Lab I.D. H241350 | | | | P.O. #:
Company: Oxy
Attn:
Address:
City:
State: Zip:
Phone #:
Fax #: | | | |
| PLEASE NOTE: Liability and Damages. Customer's liability and clients exclusive remedy for any claim arising whether based in contract or tort 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 unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. | | | | | | | |
| Relinquished By: [Signature]
Received By: [Signature]
Date: 3-15-24
Time: 8:00 AM
Date: 3-15-24
Time: 8:47 AM
Relinquished By: [Signature]
Received By: [Signature] | | | | Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
REMARKS: | | | |
| Delivered By: (Circle One)
-5.60c Oxy
#140 | | | | CHECKED BY: [Signature]
Sample Condition
<input type="checkbox"/> Cool <input type="checkbox"/> Intact
<input type="checkbox"/> Yes <input type="checkbox"/> No | | | |
| Sampler - UPS - Bus - Other: | | | | Matrix: (G)RAB OR (C)OMP.
CONTAINERS
GROUNDWATER
WASTEWATER
SOIL
OIL
SLUDGE
OTHER:
ACID/BASE:
ICE / COOL
OTHER: | | | |
| DATE
3-13-24
3-13-24
3-13-24 | | | | TIME
9:32
9:42
9:47 | | | |
| Chloride
B-Tax
TPH Extended | | | | | | | |

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
District IV
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 347114

QUESTIONS

| | |
|---|----------------|
| Operator:
OXY USA INC
P.O. Box 4294
Houston, TX 772104294 | OGRID: |
| | 16696 |
| | Action Number: |
| | 347114 |
| Action Type:
[C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

QUESTIONS

| | |
|-------------------|---------------------------------------|
| Prerequisites | |
| Incident ID (n#) | nRM2033658364 |
| Incident Name | NRM2033658364 CYPRESS 33-1 @ 0 |
| Incident Type | Produced Water Release |
| Incident Status | Remediation Closure Report Received |
| Incident Facility | [fAPP2126639502] CYPRESS 33-1 BATTERY |

| | |
|--|--------------|
| Location of Release Source | |
| Please answer all the questions in this group. | |
| Site Name | CYPRESS 33-1 |
| Date Release Discovered | 10/25/2020 |
| Surface Owner | Federal |

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

| | |
|--|---|
| Nature and Volume of Release | |
| Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission. | |
| Crude Oil Released (bbls) Details | Not answered. |
| Produced Water Released (bbls) Details | Cause: Equipment Failure Pump Produced Water Released: 40 BBL Recovered: 15 BBL Lost: 25 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
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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
District IV
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, Page 2

Action 347114

QUESTIONS (continued)

| | |
|--|---|
| Operator:

OXY USA INC
P.O. Box 4294
Houston, TX 772104294 | OGRID:

16696 |
| | Action Number:

347114 |
| | Action Type:

[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

| | |
|---|--|
| Nature and Volume of Release (continued) | |
| Is this a gas only submission (i.e. only significant Mcf values reported) | No, according to supplied volumes this does not appear to be a "gas only" report. |
| Was this a major release as defined by Subsection A of 19.15.29.7 NMAC | Yes |
| Reasons why this would be considered a submission for a notification of a major release | From paragraph A. "Major release" determine using:
(1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. |
| With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. | |

| | |
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| Initial Response | |
| The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury. | |
| The source of the release has been stopped | True |
| The impacted area has been secured to protect human health and the environment | True |
| Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices | True |
| All free liquids and recoverable materials have been removed and managed appropriately | True |
| If all the actions described above have not been undertaken, explain why | Not answered. |
| Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission. | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| I hereby agree and sign off to the above statement | Name: Wade Dittrich
Title: Environmental Coordinator
Email: wade_dittrich@oxy.com
Date: 05/23/2024 |

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QUESTIONS, Page 3

Action 347114

QUESTIONS (continued)

| | |
|--|---|
| Operator:
OXY USA INC
P.O. Box 4294
Houston, TX 772104294 | OGRID:
16696 |
| | Action Number:
347114 |
| | Action Type:
[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|--|--------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs) | Between 100 and 500 (ft.) |
| What method was used to determine the depth to ground water | NM OSE iWaters Database Search |
| Did this release impact groundwater or surface water | No |
| What is the minimum distance, between the closest lateral extents of the release and the following surface areas: | |
| A continuously flowing watercourse or any other significant watercourse | Between 300 and 500 (ft.) |
| 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 | Greater than 5 (mi.) |
| Any other fresh water well or spring | Greater than 5 (mi.) |
| Incorporated municipal boundaries or a defined municipal fresh water well field | Greater than 5 (mi.) |
| A wetland | Greater than 5 (mi.) |
| A subsurface mine | Between 1 and 5 (mi.) |
| An (non-karst) unstable area | Between ½ and 1 (mi.) |
| Categorize the risk of this well / site being in a karst geology | Medium |
| A 100-year floodplain | Between ½ and 1 (mi.) |
| Did the release impact areas not on an exploration, development, production, or storage site | No |

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

| | |
|---|-----|
| Requesting a remediation plan approval with this submission | Yes |
| Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC. | |
| Have the lateral and vertical extents of contamination been fully delineated | Yes |
| Was this release entirely contained within a lined containment area | No |

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

| | | |
|-------------------|------------------------------------|-----|
| Chloride | (EPA 300.0 or SM4500 Cl B) | 870 |
| 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) | 0.5 |
| Benzene | (EPA SW-846 Method 8021B or 8260B) | 0.5 |

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

| | |
|---|------------|
| On what estimated date will the remediation commence | 01/15/2024 |
| 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) | 03/13/2024 |
| What is the estimated surface area (in square feet) that will be reclaimed | 16078 |
| What is the estimated volume (in cubic yards) that will be reclaimed | 1200 |
| What is the estimated surface area (in square feet) that will be remediated | 16078 |
| What is the estimated volume (in cubic yards) that will be remediated | 1200 |

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

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

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QUESTIONS, Page 4

Action 347114

QUESTIONS (continued)

| | |
|--|--|
| Operator:
OXY USA INC
P.O. Box 4294
Houston, TX 772104294 | OGRID: 16696 |
| | Action Number: 347114 |
| | Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
| | |

QUESTIONS

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|--|---|
| Remediation Plan (continued) | |
| <i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i> | |
| This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants: | |
| <i>(Select all answers below that apply.)</i> | |
| (Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.) | Yes |
| Which OCD approved facility will be used for off-site disposal | LEA LAND LANDFILL [fEEM0112342028] |
| OR which OCD approved well (API) will be used for off-site disposal | Not answered. |
| OR is the off-site disposal site, to be used, out-of-state | Not answered. |
| OR is the off-site disposal site, to be used, an NMED facility | Not answered. |
| (Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) | Not answered. |
| (In Situ) Soil Vapor Extraction | Not answered. |
| (In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) | Not answered. |
| (In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) | Not answered. |
| (In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.) | Not answered. |
| Ground Water Abatement pursuant to 19.15.30 NMAC | Not answered. |
| OTHER (Non-listed remedial process) | Not answered. |
| <i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i> | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| I hereby agree and sign off to the above statement | Name: Wade Dittrich
Title: Environmental Coordinator
Email: wade_dittrich@oxy.com
Date: 05/23/2024 |
| <i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i> | |

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QUESTIONS, Page 5

Action 347114

QUESTIONS (continued)

| | |
|--|----------------|
| Operator:
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P.O. Box 4294
Houston, TX 772104294 | OGRID: |
| | 16696 |
| | Action Number: |
| | 347114 |
| Action Type: | |
| [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

QUESTIONS

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

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QUESTIONS, Page 6

Action 347114

QUESTIONS (continued)

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

QUESTIONS

| Sampling Event Information | |
|---|------------|
| Last sampling notification (C-141N) recorded | 321736 |
| 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 | 3 |
| What was the sampling surface area in square feet | 600 |

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 | 16078 |
| What was the total volume (cubic yards) remediated | 1200 |
| 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 | 16078 |
| What was the total volume (in cubic yards) reclaimed | 1200 |
| 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 (LIGHT BLUE shade on diagram) was excavated to a depth of 4 feet. The leak area near SP2 (YELLOW shade on diagram) was excavated to a depth of 10 feet. The leak area near SP3 (PINK shade on diagram) was excavated to a depth of 3 feet. The leak area near SP4, SP6, and SP7 (LIME GREEN shade on diagram) was excavated to a depth of 1 foot. The leak area near SP5 (MED BLUE shade on diagram) was excavated to a depth of 2 feet. The leak area near SP8 and SP9 (DARK BLUE shade on diagram) was excavated to a depth of 3 feet. The leak area near SP10 (RED shade on diagram) was excavated to a depth of 8 feet. The leak area near SP11 (WHITE shade on diagram) was excavated to a depth of 7 feet. The leak area near SP 12 (PURPLE shade on diagram) was excavated to a depth of 9 feet. The leak area near SP 13 (BLUE/GREEN shade on diagram) required zero remediation. The leak area near SP14 (BROWN shade on diagram) was excavated to a depth of 2 feet. In addition, OXY collected sidewall and bottom confirmation samples every 200 square feet. |

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

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

| | |
|--|---|
| I hereby agree and sign off to the above statement | Name: Wade Dittrich
Title: Environmental Coordinator
Email: wade_dittrich@oxy.com
Date: 05/23/2024 |
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QUESTIONS, Page 7

Action 347114

QUESTIONS (continued)

| | |
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| | Action Number:

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| | Action Type:

[C-141] Remediation Closure Request C-141 (C-141-v-Closure) |
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QUESTIONS

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|---|----|
| 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 347114

CONDITIONS

| | |
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| Operator:
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Houston, TX 772104294 | OGRID: |
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| [C-141] Remediation Closure Request C-141 (C-141-v-Closure) | |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---|----------------|
| scwells | Remediation closure approved. Sampling notices provided for 2/19 and 3/13/24 however closure samples were collected on 2/19, 2/20, 2/22 and 3/13. | 7/5/2024 |
| scwells | Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC | 7/5/2024 |