

Closure Report

ID #nAPP2105646400; ID #nAPP2209066395

Site Description

Site Name:	SUNDANCE WATER TRANSFER CTB; SUNDANCE FED A CTB
Company:	Oxy USA, Inc.
Legal Description:	U/L E, Section 4, T24S, R31E
County:	Eddy County, NM
GPS Coordinates:	N.32.247219 , W-103.787172

Release Data

Date of Release:	2/18/2021 3/28/2022
Type of Release:	Crude Oil /Produced water
Source of Release:	TRANSFER PUMP FAILED TO RUN
Volume of Release:	CRUDE OIL 10 BBLs; 72 BBLs WATER 140BBLs; 372 BBLs
Volume Recovered:	CRUDE OIL 10 BBLs; 52 BBLs WATER 120BBLs; 342 BBLs

Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 and SP7 (YELLOW shade on diagram) was excavated to a depth of 1 foot. The leak area near SP2 – SP3, SP5 – SP6, SP8, SP11, SP13, and SP15 (LIGHT BLUE shade on diagram) was excavated to a depth of 2 feet. The leak area near SP4 (PURPLE shade on diagram) was excavated to a depth of 4 feet. The leak area near SP9, SP10, and SP12 (GREEN shade on diagram) was excavated to a depth of 1 foot. The leak area near SP14 (RED shade on diagram) was excavated to a depth of 4 feet. OXY collected bottom and sidewall confirmation samples every 200 square feet.
Remediation Activities:	12/08/2023-3/18/2024

Plan Sent to OCD:	6/2/2021	
OCD Approval of Plan:	9/1/2021	
Plan Sent to BLM:		
BLM Approval of Plan:		

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report	
Sampling Notification	2/8/24-2/16/24 , 2/22/24	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

6/11/2024

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	NAPP210646400
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 6-10-24
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

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

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

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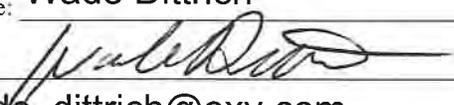
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Closure Approved by: _____ Date: _____

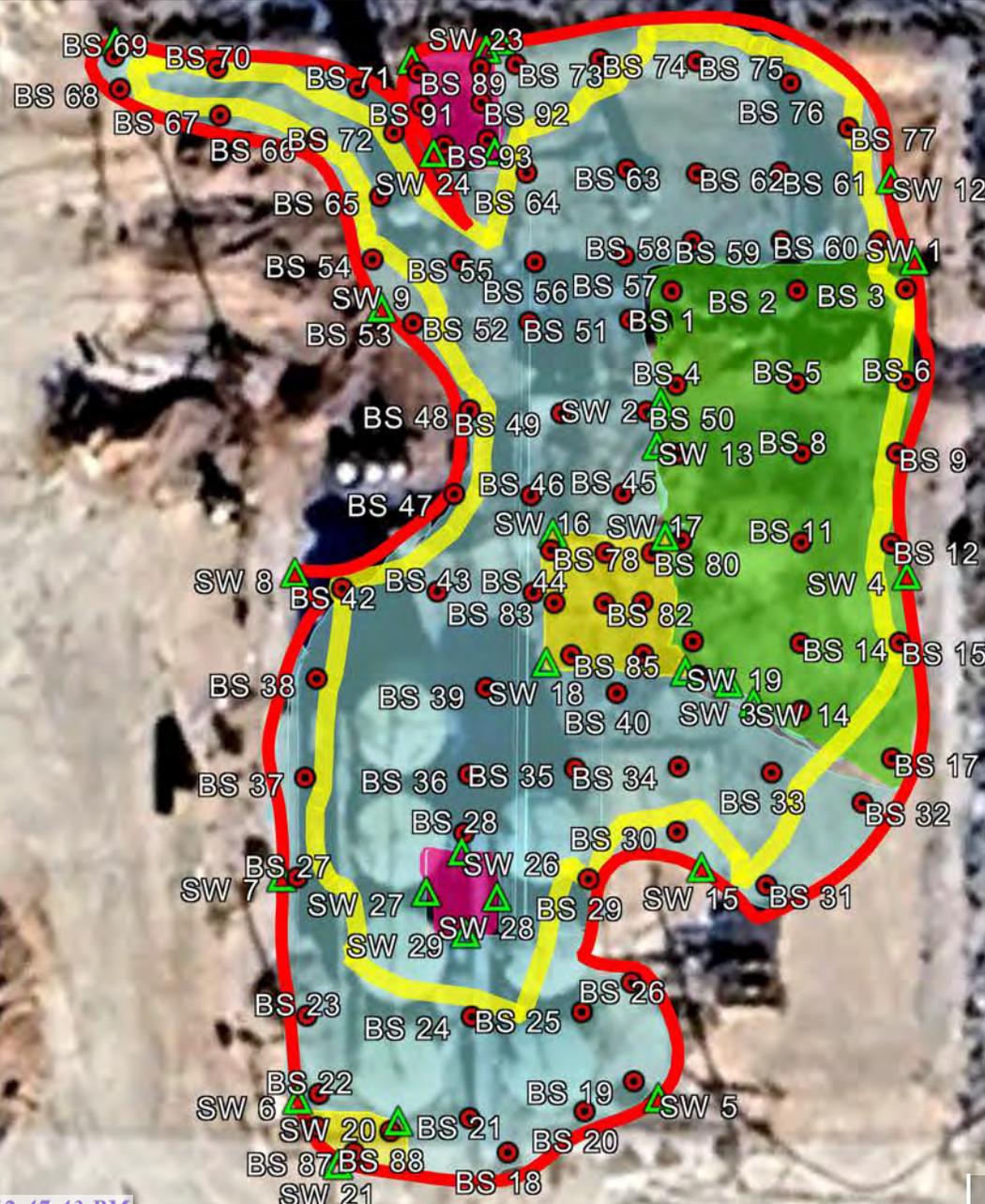
Printed Name: _____ Title: _____

OXY, SUNDANCE WTR TRANSFER CTB, SUNDANCE FED A CTB

LEAK DATE: 2/18/21; 3/28/22
EDDY COUNTY, NM
ID #: nAPP2105646400 (2/18/21)
ID #: nAPP2209066395 (3/28/22)

Legend

- 1' EXCAVATION
- 2' EXCAVATION
- 3' EXCAVATION
- 4' EXCAVATION
- Bottom Sample
- ⊗ Leak Area-2-18-21
- ⊗ Leak Area-3-28-22
- ▲ Sidewall Sample



Google Earth



OXY, SUNDANCE WTR TRANSFER CTB, SUNDANCE FED A CTB

LEAK DATE: 2/18/21; 3/28/22

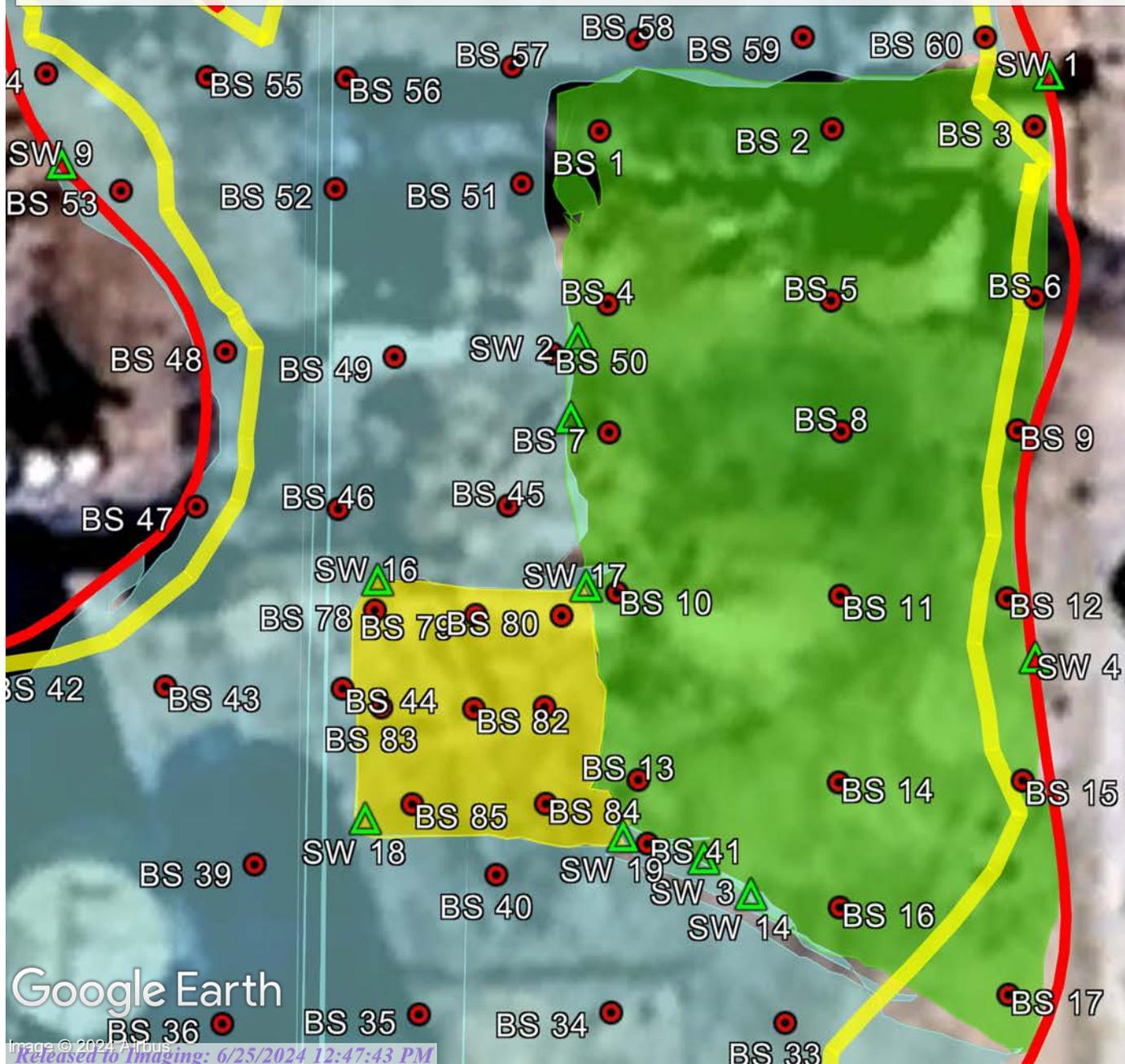
EDDY COUNTY, NM

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- 1' EXCAVATION
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- Bottom Sample
- Leak Area-2-18-21
- Leak Area-3-28-22
- ▲ Sidewall Sample



Google Earth



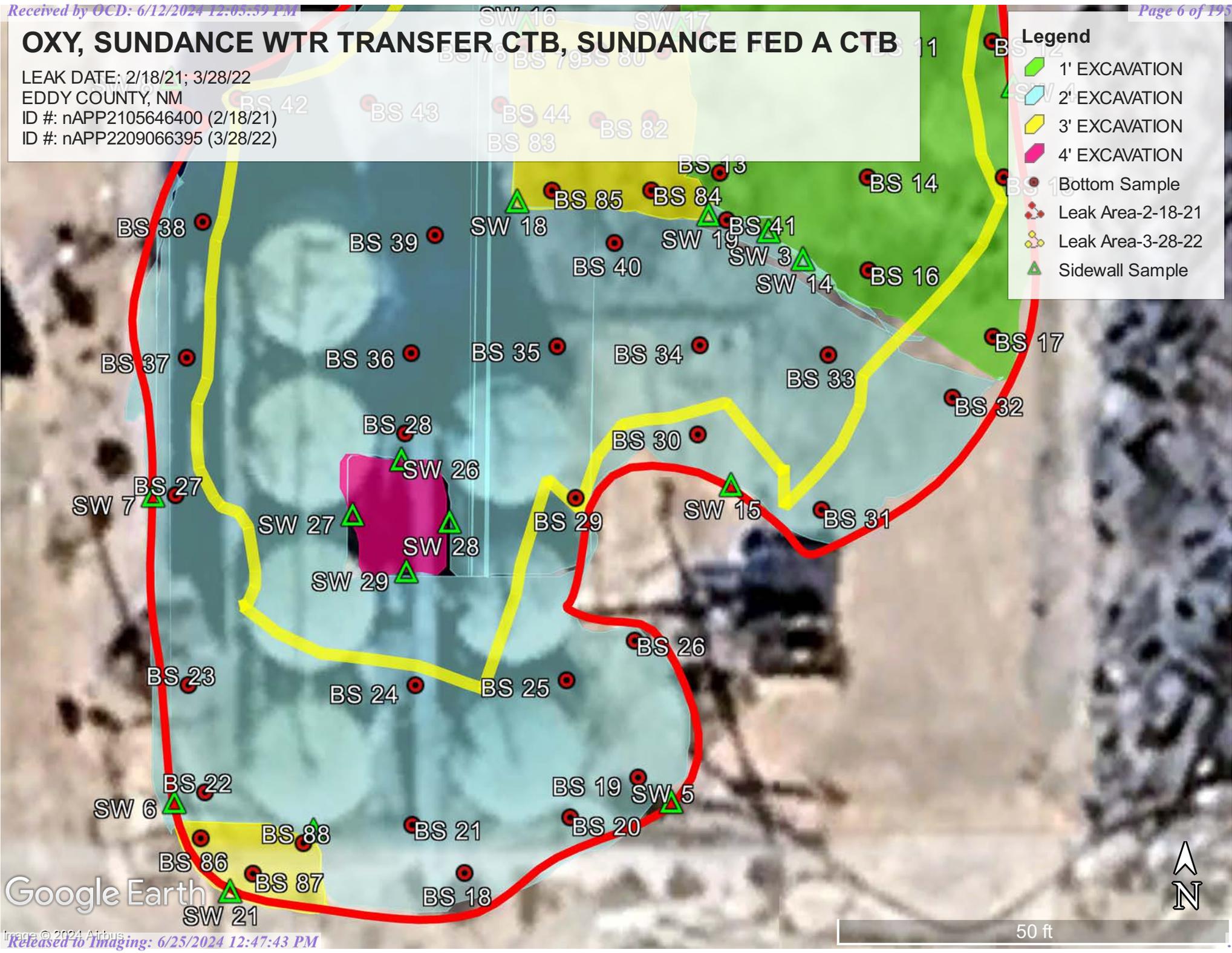
50 ft

OXY, SUNDANCE WTR TRANSFER CTB, SUNDANCE FED A CTB

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- ⊕ Leak Area-2-18-21
- ⊕ Leak Area-3-28-22
- ▲ Sidewall Sample



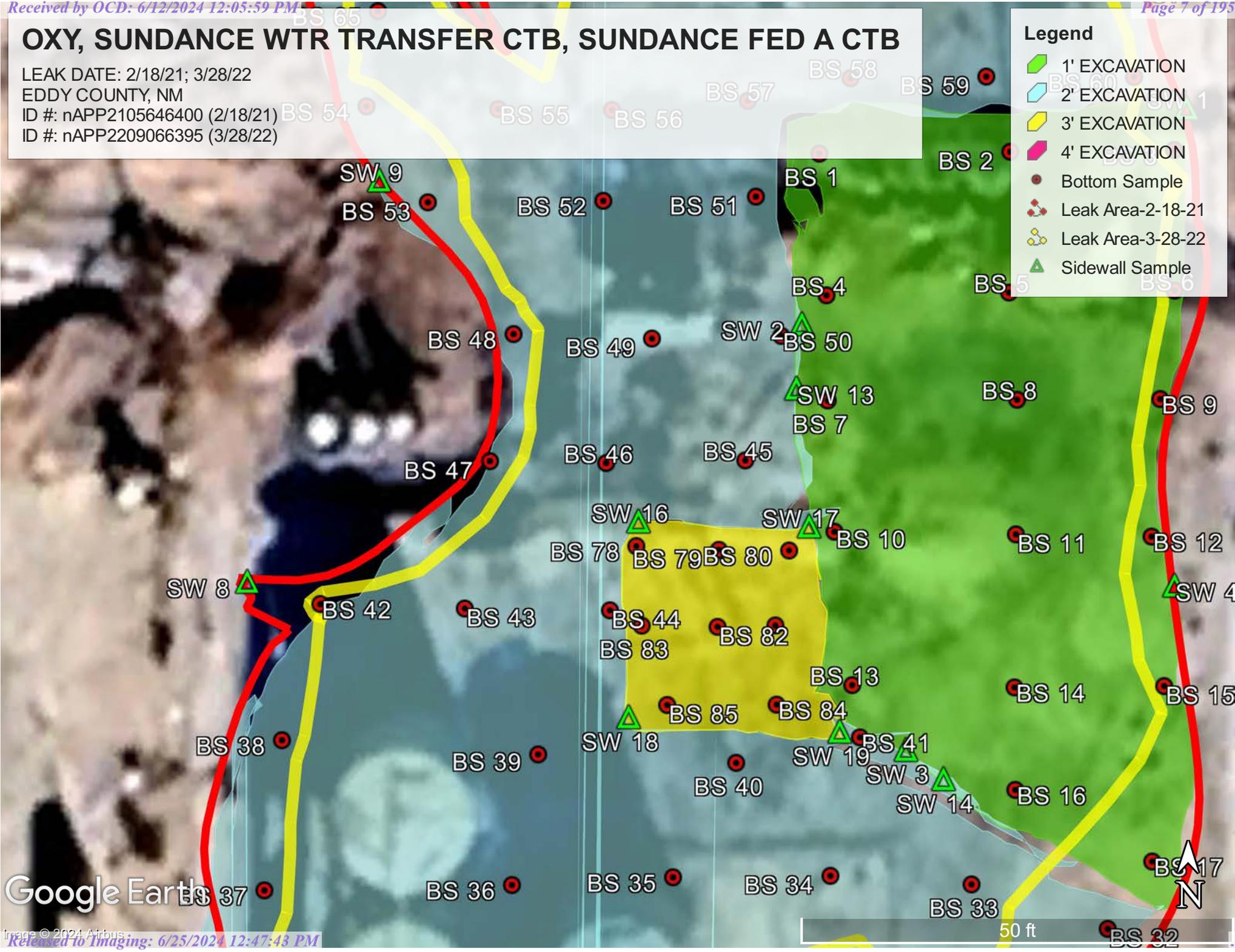
Google Earth

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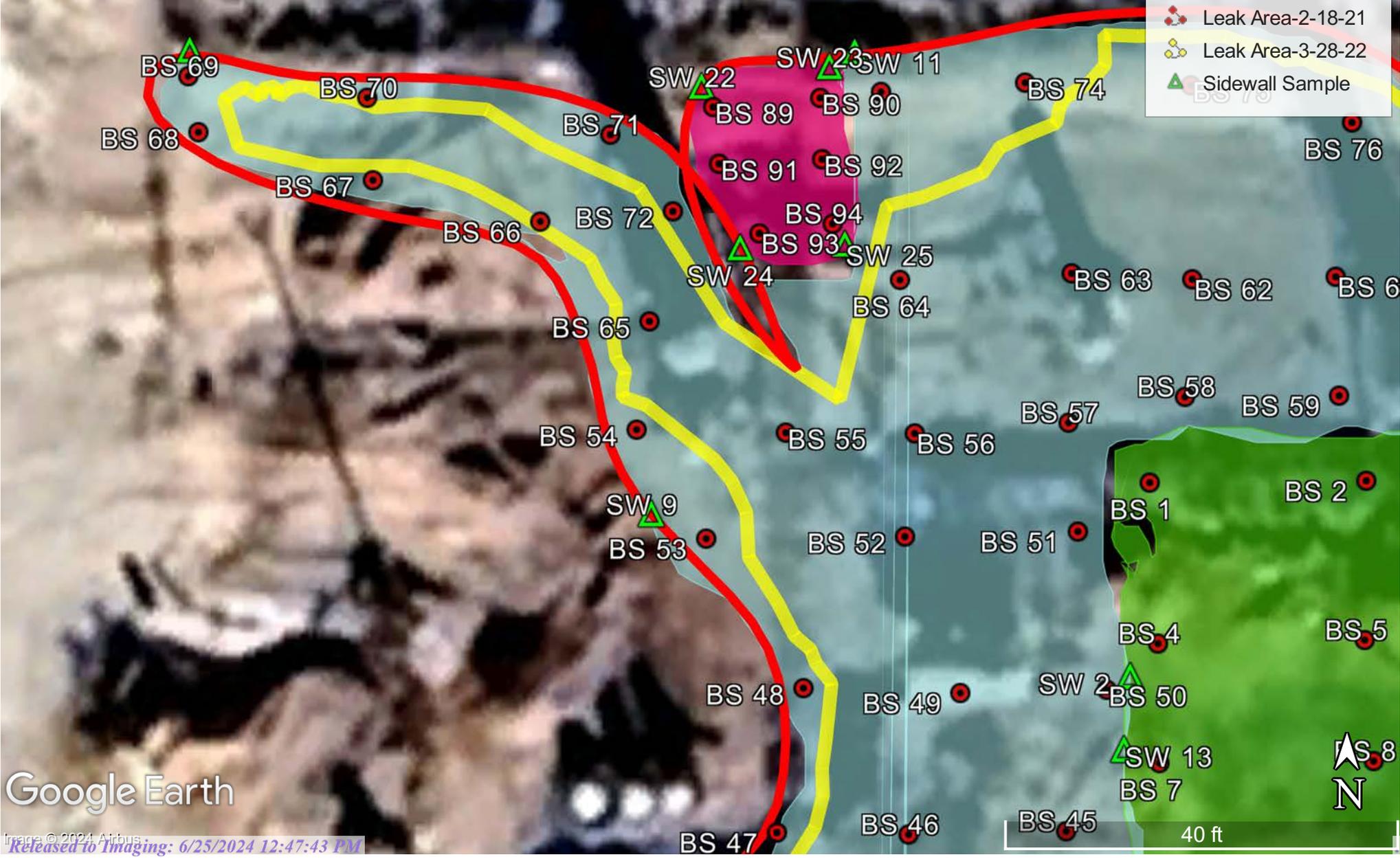
Google Earth

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- 4' EXCAVATION
- Bottom Sample
- Leak Area-2-18-21
- Leak Area-3-28-22
- ▲ Sidewall Sample



Google Earth



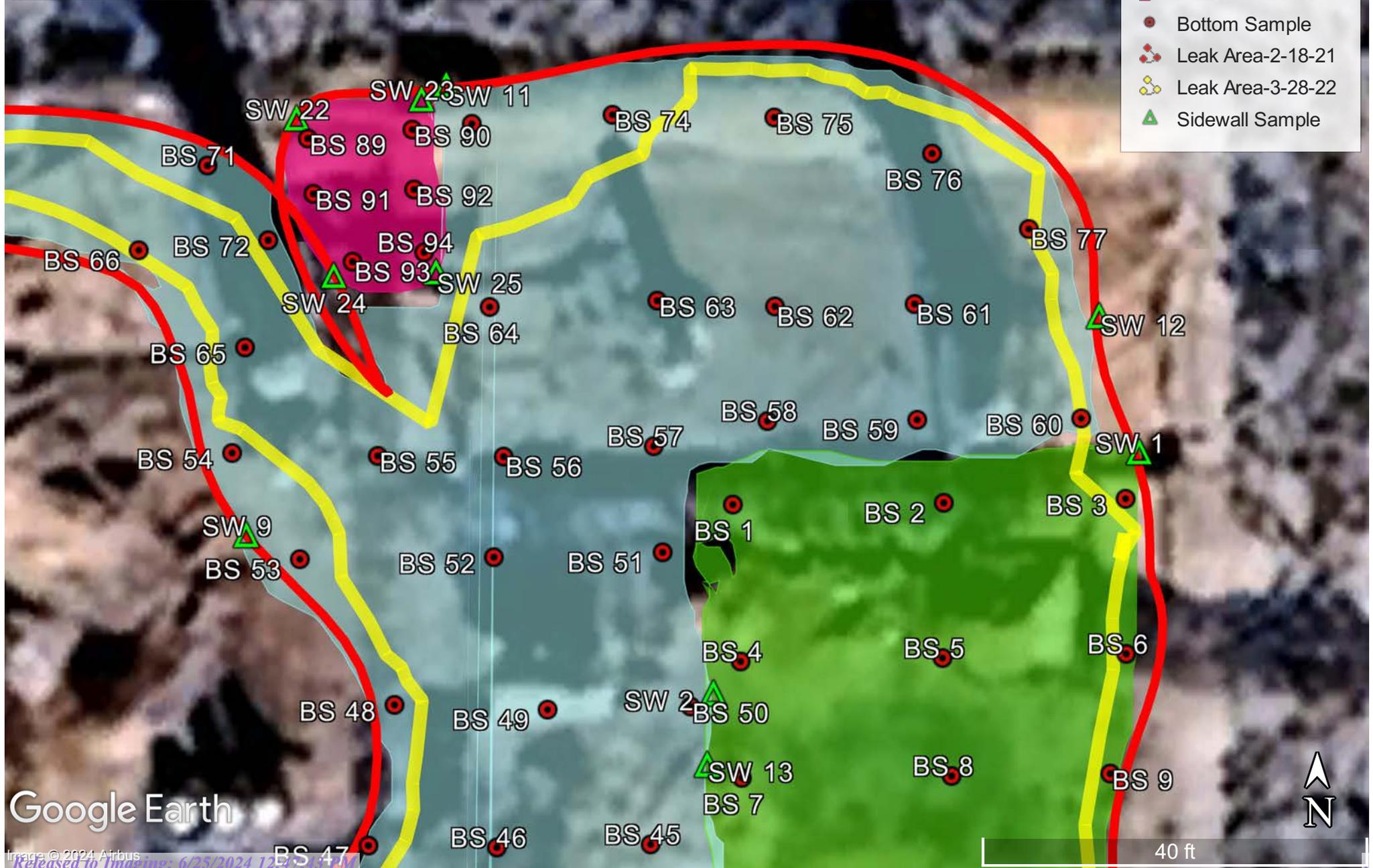
40 ft

OXY, SUNDANCE WTR TRANSFER CTB, SUNDANCE FED A CTB

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- 2' EXCAVATION
- 3' EXCAVATION
- 4' EXCAVATION
- Bottom Sample
- Leak Area-2-18-21
- Leak Area-3-28-22
- ▲ Sidewall Sample



Google Earth

OXY, SUNDANCE WATER TRANSFER CTB (2/18/21) SAMAPLE DATES 2/8/24-2/1
OXY, SUNDANCE FED A BATTERY (3/28/22) SAMAPLE DATES 2/8/24-2/16/24

BOTTOM SAMPLE POINTS

BS 1@1'	N 32.248233	W-103.790626
BS 2@1'	N 32.248234	W-103.790556
BS 3@21'	N 32.248232	W-103.790495
BS 4@1'	N 32.248189	W-103.790623
BS 5@1'	N 32.248190	W-103.790556
BS 6@1'	N 32.248192	W-103.790494
BS 7@1'	N 32.248156	W-103.790623
BS 8@1'	N 32.248155	W-103.790553
BS 9@1'	N 32.248158	W-103.790499
BS 10@1'	N 32.248116	W-103.790620
BS 11@1'	N 32.248115	W-103.790553
BS 12@1'	N 32.248114	W-103.790502
BS 13@1'	N 32.248068	W-103.790613
BS 14@1'	N 32.248067	W-103.790553
BS 15@1'	N 32.248068	W-103.790497
BS 16@1'	N 32.248035	W-103.790552
BS 17@1'	N 32.248013	W-103.790501
BS 18@2'	N 32.247828	W-103.790715
BS 19@2'	N 32.247861	W-103.790645
BS 20@2'	N 32.247844	W-103.790681
BS 21@2"	N 32.2478/43	W-103.790744
BS 22@2'	N 32.247852	W-103.790823
BS 23@2'	N 32.247897	W-103.790825
BS 24@2'	N 32.247896	W-103.790741
BS 25@2'	N 32.247896	W-103.790669
BS 26@2'	N 32.247907	W-103.970649
BS 27@2'	N 32.247963	W-103.790828
BS 28@2'	N 32.247976	W-103.790743
BS 29@2'	N 32.247964	W-103.790666
BS 30@2'	N 32.247978	W-103.790622
BS 31@2'	N 32.247952	W-103.790571
BS 32@2'	N 32.247991	W-103.790517
BS 33@2'	N 32.248006	W-103.790569
BS 34@2'	N 32.248009	W-103.790621
BS 35@2'	N 32.248008	W-103.790679
BS 36@2'	N 32.248005	W-103.790738
BS 37@2'	N 32.248003	W-103.790829
BS 38@2'	N 32.248050	W-103.790823
BS 39@2'	N 32.248046	W-103.790729

BS 40@2'	N 32.248044	W-103.790656
BS 41@2'	N 32.248052	W-103.790610
BS 42@2'	N 32.248096	W-103.790797
BS 43@2'	N 32.248094	W-103.790737
BS 44@2'	N 32.248091	W-103.790703
BS 45@2'	N 32.248138	W-103.790653
BS 46@2,	N 32.248136	W-103.790704
BS 47@2'	N 32.248137	W-103.790747
BS 48@2'	N 32.248176	W-103.790739
BS 49@2'	N 32.248175	W-103.790688
BS 50@2'	N 32.248176	W-103.790640
BS 51@2'	N 32.248220	W-103.790650
BS 52@2'	N 32.248218	W-103.790706
BS 53@2'	N 32.248217	W-103.790771
BS 54@2'	N 32.248247	W-103.790793
BS 55@2'	N 32.248247	W-103.790745
BS 56@2'	N 32.248247	W-103.790703
BS 57@2'	N 32.248250	W-103.790653
BS 58@2'	N 32.248257	W-103.790615
BS 59@2'	N 32.248258	W-103.790565
BS 60@2'	N 32.248258	W-103.790510
BS 61@2'	N 32.248284	W-103.790521
BS 62@2'	N 32.248283	W-103.790567
BS 63@2'	N 32.248280	W-103.790652
BS 64@2'	N 32.248279	W-103.790701
BS 65@2'	N 32.248277	W-103.790790
BS 66@2'	N 32.248304	W-103.790825
BS 67@2'	N 32.248315	W-103.790880
BS 68@2'	N 32.248328	W-103.790937
BS 69@2'	N 32.248344	W-103.790940
BS 70@2'	N 32.248338	W-103.790882
BS 71@2'	N 32.248328	W-103.790803
BS 72@22'	N 32.248307	W-103.790782
BS 73@2'	N 32.248341	W-103.790714
BS 74@2'	N 32.248344	W-103.790667
BS 75@2'	N 32.248343	W-103.790613
BS 76@2'	N 32.248333	W-103.790560
BS 77@2'	N 32.248312	W-103.790527
BS 78@3'	N 32.248111	W-103.790693
BS 79@3'	N 32.248110	W-103.790663
BS 80@3'	N 32.248110	W-103.790637
BS 81@3'	N 32.248086	W-103.790642
BS 82@3'	N 32.248086	W-103.790663
BS 83@3'	N 32.248086	W-103.790691

BS 84@3'	N 32.248062	W-103.790641
BS 85@3'	N 32.248061	W-103.790681
BS 86 @3'	N 32.247835	W-103.790822
BS 87@3'	N 32.247827	W-103.790801
BS 88@3'	N 32.247838	W-103.790780
BS 89@4'	N 32.248336	W-103.790769
BS 90@4'	N 32.248339	W-103.790734
BS 91@4'	N 32.248321	W-103.790767
BS 92@4'	N 32.248322	W-103.790734
BS 93@4'	N 32.248301	W-103.790754
BS 94@4'	N 32.248304	W-103.790730

SIDEWALL SAMPLE POINTS

SW 1@1'	N 32.248248	W-103.790490
SW 2@1'	N 32.248180	W-103.790633
SW 3@1'	N 32.248049	W-103.790592
SW 4@1'	N 32.248099	W-103.790494
SW 5@2'	N 32.247852	W-103.790632
SW 6@2'	N 32.247851	W-103.790833
SW 7@2'	N 32.247956	W-103.790842
SW 8@2'	N 32.248099	W-103.790836
SW 9@2'	N 32.248224	W-103.790789
SW 10@2'	N 32.248351	W-103.790940
SW 11@2'	N 32.248351	W-103.790723
SW 12@2'	N 32.248287	W-103.790504
SW 13@2'	N 32.248160	W-103.790635
SW 14@2'	N 32.248038	W-103.790579
SW 15@2'	N 32.247960	W-103.790608
SW 16@3'	N 32.248118	W-103.790693
SW 17@3'	N 32.248117	W-103.790630
SW 18@3'	N 32.248057	W-103.790696
SW 19@3'	N 32.248053	W-103.790618
SW 20@3'	N 32.247842	W-103.790777
SW 21@3'	N 32.247821	W-103.790810
SW 22@4'	N 32.248342	W-103.790773
SW 23@4'	N 32.248347	W-103.790732
SW 24@4'	N 32.248297	W-103.790760
SW 25@4'	N 32.248298	W-103.790726
SW 26@4'	N 32.247969	W-103.790742
SW 27@4'	N 32.247950	W-103.790762
SW 28@4'	N 32.247947	W-103.790722
SW 29@4'	N 32.247930	W-103.790740

	Sample ID	BS 1	BS 2	BS 3	BS 4	BS 5	BS 6	BS 7	BS 8	BS 9	BS 10	BS 11	BS 12	BS 13	BS 14	BS 15	BS 16	BS 17	BS 18	
Analyte	Date	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/8/24	2/13/24
		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	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		112.0	464.0	416.0	336.0	128.0	64.0	112.0	240.0	352.0	176.0	352.0	240.0	144.0	416.0	80.0	352.0	176.0	128.0	
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		24.2	<10.0	11.4	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	25.8
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 19	BS 20	BS 21	BS 22	BS 23	BS 24	BS 25	BS 26	BS 27	BS 28	BS 29	BS 30	BS 31	BS 32	BS 33	BS 34	BS 35	BS 36	
Analyte	Date	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg							
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		176.0	128.0	112.0	176.0	112.0	160.0	224.0	256.0	80.0	128.0	192.0	224.0	160.0	160.0	208.0	224.0	144.0	160.0	
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	26.1	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	22.4	16.7	24	<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	11.8	<10.0	11.8	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 37	BS 38	BS 39	BS 40	BS 41	BS 42	BS 43	BS 44	BS 45	BS 46	BS 47	BS 48	BS 49	BS 50	BS 51	BS 52	BS 53	BS 54	
Analyte	Date	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/13/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24
		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	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		128.0	112.0	144.0	96.0	128.0	112.0	144.0	160.0	96.0	160.0	160.0	352.0	112.0	176.0	208.0	336.0	112.0	208.0	
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	27.5	<10.0	<10.0	<10.0	23.5	<10.0	30.8	<10.0	<10.0	19.3
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	10.1	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 55	BS 56	BS 57	BS 58	BS 59	BS 60	BS 61	BS 62	BS 63	BS 64	BS 65	BS 66	BS 67	BS 68	BS 69	BS 70	BS 71	BS 72
Analyte	Date	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/14/24	2/15/24	2/15/24	2/15/24
		mg/kg																	
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		240.0	32.0	32.0	256.0	32.0	32.0	80.0	48.0	80.0	80.0	160.0	128.0	112.0	128.0	96.0	128.0	192.0	112.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		30	<10.0	<10.0	19.9	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 73	BS 74	BS 75	BS 76	BS 77	BS 78	BS 79	BS 80	BS 81	BS 82	BS 83	BS 84	BS 85	BS 86	BS 87	BS 88	BS 89	BS 90
Analyte	Date	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24
		mg/kg																	
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		128.0	80.0	128.0	64.0	112.0	112.0	96.0	112.0	80.0	112.0	32.0	16.0	32.0	16.0	32.0	32.0	32.0	16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	12.6	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	12	<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 91	BS 92	BS 93	BS 94	BS 95	BS 96	BS 97	BS 98
Analyte	Date	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24	2/15/24
		mg/kg							
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		32.0	32.0	<16.0	<16.0	16.0	32.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14	SW 15	SW 16	SW 17	SW 18	
Analyte	Date	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24
		mg/kg																		
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		16.0	16.0	<16.0	16.0	48.0	32.0	<16.0	<16.0	<16.0	<16.0	<16.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	48.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<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	13	<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	<10.0

	Sample ID	SW 19	SW 20	SW 21	SW 22	SW 23	SW 24	SW 25	SW 26	SW 27	SW 28	SW 29
Analyte	Date	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24	2/16/24
		mg/kg										
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<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
Total Xylenes		<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
Chloride		48.0	48.0	32.0	32.0	32.0	32.0	32.0	32.0	16.0	16.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<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

National Flood Hazard Layer FIRMMette



103°47'46"W 32°14'58"N



Legend

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

- | | | |
|------------------------------------|--|--|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE)
<i>Zone A, V, A99</i> |
| | | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
Regulatory Floodway |
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i> |
| | | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | | Area with Flood Risk due to Levee <i>Zone D</i> |
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
| | | Effective LOMRs |
| GENERAL STRUCTURES | | Area of Undetermined Flood Hazard <i>Zone D</i> |
| | | Channel, Culvert, or Storm Sewer |
| OTHER FEATURES | | Levee, Dike, or Floodwall |
| | | 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. |



1:6,000

103°47'8"W 32°14'27"N

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/7/2024 at 5:40 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

OXY-SUNDANCE WTR TRANSFER CTB

LEAK DATE : 2/18/21)
EDDY COUNTY, NM
ID#nAPP2105646400

Legend

-  1' EXCAVATION
-  2' EXCAVATION
-  3' EXCAVATION
-  4'
-  leak area
-  Low



Google Earth



200 ft



OXY, SUNDANCE WTR TRANSFER CTB



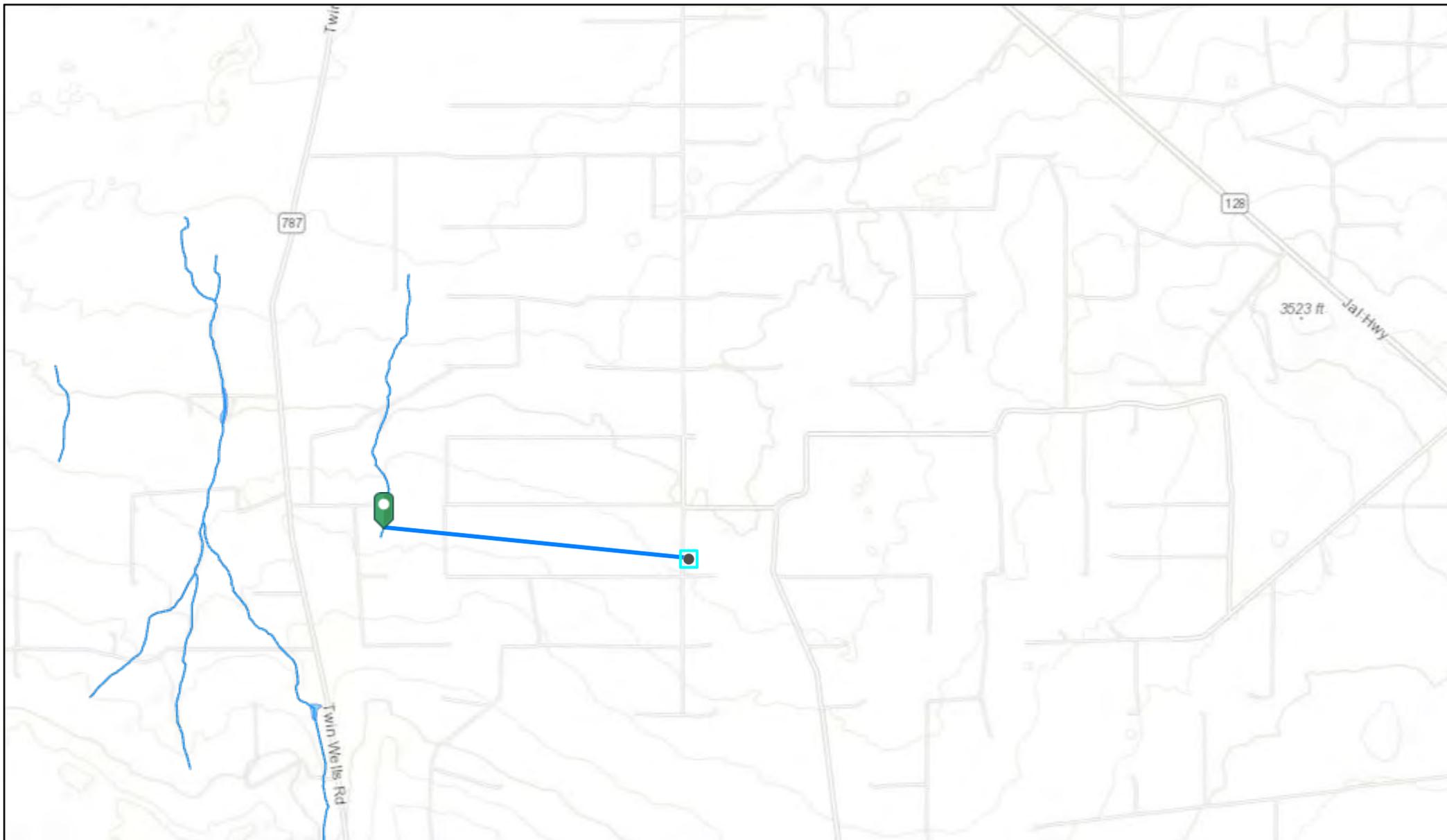
May 21, 2024

Wetlands

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

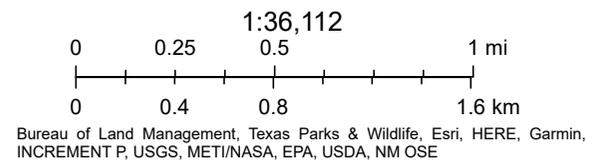
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

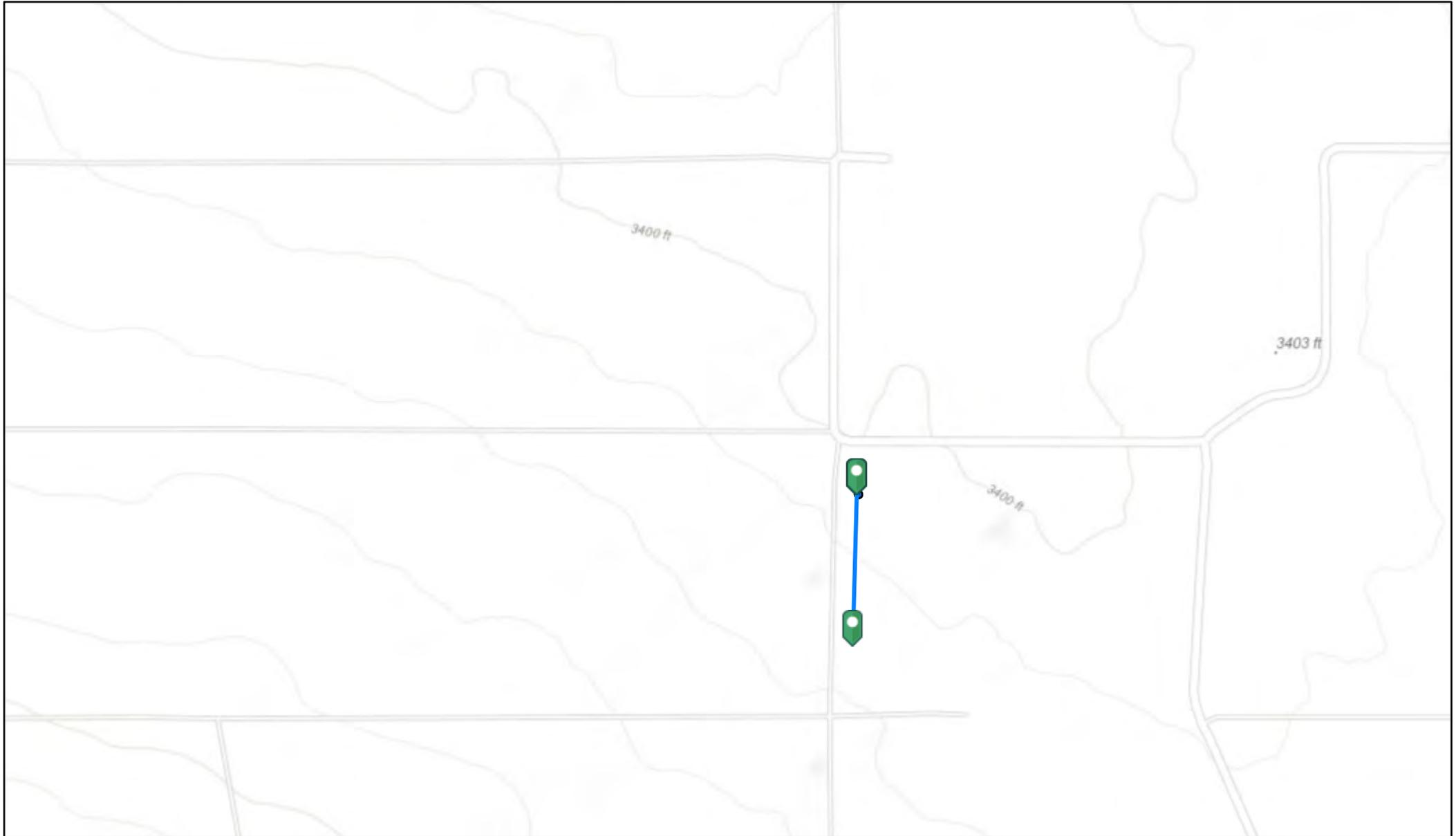
OXY, SUNDANCE WTR TRANSFER CTB (2/18/21) 5,859.4 FEET OR 1.12 MILES TO H2O



5/7/2024, 3:49:26 PM

- OSW Water Bodys
- OSE Streams



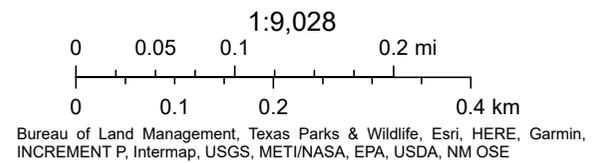


5/7/2024, 3:52:32 PM

OSE Water PODs

- Active
- Plugged

Released to Imaging: 6/25/2024 12:47:43 PM





OXY – SUNDANCE WTR TRANSFER CTB (2/18/21)





OXY – SUNDANCE WTR TRANSFER CTB (2/18/21)





OXY – SUNDANCE WTR TRANSFER CTB (2/18/21)





OXY – SUNDANCE WTR TRANSFER CTB (2/18/21)





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OXY – SUNDANCE WTR TRANSFER CTB (2/18/21)





OXY – SUNDANCE WTR TRANSFER CTB (2/18/21)



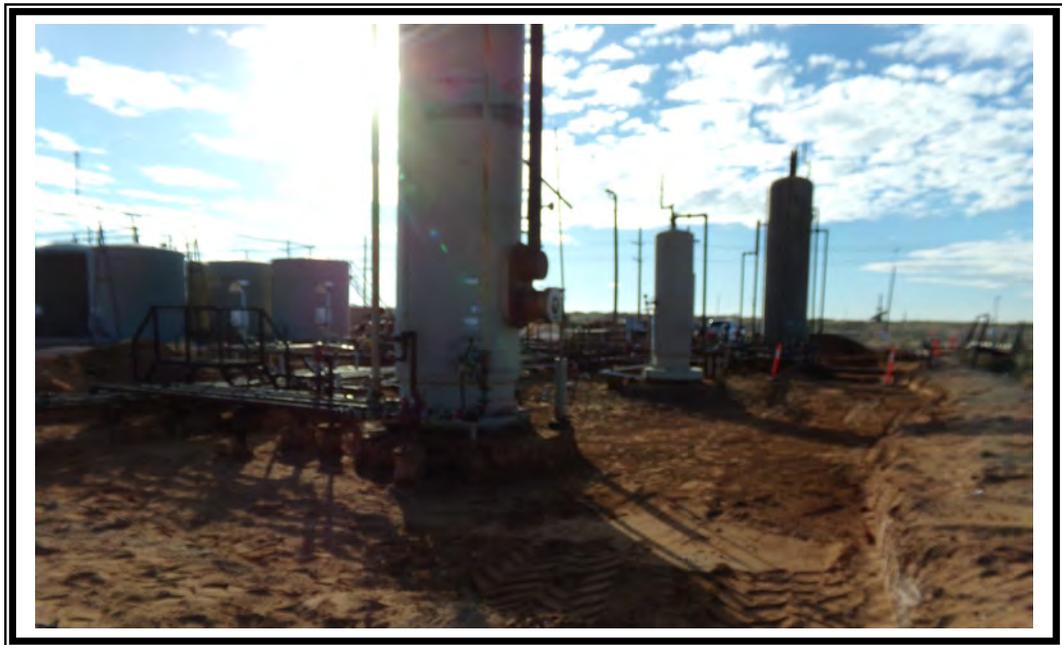


OXY – SUNDANCE WTR TRANSFER CTB (2/18/21)





OXY – SUNDANCE WTR TRANSFER CTB (2/18/21)



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OXY – SUNDANCE WTR TRANSFER CTB (2/18/21)





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

February 22, 2024

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

RE: SUNDANCE WTR TRANSFER CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/19/24 16:50.

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".

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:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 1 (H240800-01)

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	02/20/2024	ND	1.89	94.6	2.00	2.60	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	9.15	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.17	108	2.00	9.92	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.41	107	6.00	10.2	
Total BTEX	<0.300	0.300	02/20/2024	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	112	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	24.2	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 2 (H240800-02)

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	02/20/2024	ND	1.89	94.6	2.00	2.60	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	9.15	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.17	108	2.00	9.92	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.41	107	6.00	10.2	
Total BTEX	<0.300	0.300	02/20/2024	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	464	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 94.3 % 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:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 3 (H240800-03)

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	02/20/2024	ND	1.89	94.6	2.00	2.60	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	9.15	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.17	108	2.00	9.92	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.41	107	6.00	10.2	
Total BTEX	<0.300	0.300	02/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	11.4	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 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:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 4 (H240800-04)

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	02/20/2024	ND	1.89	94.6	2.00	2.60	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	9.15	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.17	108	2.00	9.92	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.41	107	6.00	10.2	
Total BTEX	<0.300	0.300	02/20/2024	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	336	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 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:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 5 (H240800-05)

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	02/20/2024	ND	1.89	94.6	2.00	2.60	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	9.15	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.17	108	2.00	9.92	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.41	107	6.00	10.2	
Total BTEX	<0.300	0.300	02/20/2024	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	128	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 6 (H240800-06)

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	02/20/2024	ND	1.89	94.6	2.00	2.60	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	9.15	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.17	108	2.00	9.92	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.41	107	6.00	10.2	
Total BTEX	<0.300	0.300	02/20/2024	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	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 94.5 % 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:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 7 (H240800-07)

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	02/20/2024	ND	1.89	94.6	2.00	2.60	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	9.15	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.17	108	2.00	9.92	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.41	107	6.00	10.2	
Total BTEX	<0.300	0.300	02/20/2024	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	112	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 8 (H240800-08)

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	02/20/2024	ND	1.89	94.6	2.00	2.60	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	9.15	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.17	108	2.00	9.92	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.41	107	6.00	10.2	
Total BTEX	<0.300	0.300	02/20/2024	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	240	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 9 (H240800-09)

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	02/20/2024	ND	1.89	94.6	2.00	2.60	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	9.15	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.17	108	2.00	9.92	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.41	107	6.00	10.2	
Total BTEX	<0.300	0.300	02/20/2024	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	352	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 10 (H240800-10)

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	02/20/2024	ND	1.89	94.6	2.00	2.60		
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	9.15		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.17	108	2.00	9.92		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.41	107	6.00	10.2		
Total BTEX	<0.300	0.300	02/20/2024	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	176	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 11 (H240800-11)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 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	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 12 (H240800-12)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 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	240	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 13 (H240800-13)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	144	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 14 (H240800-14)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.9 % 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:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 15 (H240800-15)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 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	02/20/2024	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	02/20/2024	ND	208	104	200	4.53	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 91.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 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:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 16 (H240800-16)

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	02/20/2024	ND	2.14	107	2.00	4.46		
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 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	02/20/2024	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	02/20/2024	ND	208	104	200	4.53		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.2 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/19/2024	Sampling Date:	02/08/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 17 (H240800-17)

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	02/20/2024	ND	2.14	107	2.00	4.46		
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	02/20/2024	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	02/20/2024	ND	208	104	200	4.53		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	184	92.1	200	10.3		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 18 (H240800-18)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/20/2024	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	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	25.8	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 19 (H240800-19)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/20/2024	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	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.5 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 20 (H240800-20)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/20/2024	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	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 21 (H240800-21)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 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	112	16.0	02/20/2024	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	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	26.1	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 22 (H240800-22)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/20/2024	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	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 93.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 23 (H240800-23)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2024	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	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 96.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 24 (H240800-24)

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	02/20/2024	ND	2.14	107	2.00	4.46		
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21		
Total BTEX	<0.300	0.300	02/20/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/20/2024	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	02/20/2024	ND	212	106	200	0.482		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 25 (H240800-25)

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	02/20/2024	ND	2.14	107	2.00	4.46	
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.4 % 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	224	16.0	02/20/2024	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	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.0 % 49.1-148

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Analytical Results For:

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Received:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 26 (H240800-26)

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	02/20/2024	ND	2.14	107	2.00	4.46		
Toluene*	<0.050	0.050	02/20/2024	ND	1.93	96.3	2.00	1.51		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.81	90.7	2.00	0.723		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.29	88.1	6.00	1.21		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	02/20/2024	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	02/20/2024	ND	212	106	200	0.482		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 85.1 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 27 (H240800-27)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	02/20/2024	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	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 88.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 28 (H240800-28)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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	128	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 29 (H240800-29)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	22.4	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	11.8	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 30 (H240800-30)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	224	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	16.7	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 31 (H240800-31)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	160	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	24.0	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	11.8	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 32 (H240800-32)

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	02/20/2024	ND	2.30	115	2.00	6.57		
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	160	16.0	02/20/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	212	106	200	0.482		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 33 (H240800-33)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	208	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.9 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 34 (H240800-34)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	224	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.3 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 35 (H240800-35)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	212	106	200	0.482	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 36 (H240800-36)

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	02/20/2024	ND	2.30	115	2.00	6.57		
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	02/20/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	212	106	200	0.482		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	103	200	1.14		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 37 (H240800-37)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	128	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 38 (H240800-38)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 39 (H240800-39)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 40 (H240800-40)

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	02/20/2024	ND	2.30	115	2.00	6.57		
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	96.0	16.0	02/20/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	214	107	200	5.01		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	203	101	200	5.23		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 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:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 41 (H240800-41)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/13/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 42 (H240800-42)

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	02/20/2024	ND	2.30	115	2.00	6.57		
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	112	16.0	02/20/2024	ND	448	112	400	7.41		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	02/20/2024	ND	214	107	200	5.01		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	203	101	200	5.23		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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Analytical Results For:

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Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 43 (H240800-43)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	144	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 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:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 44 (H240800-44)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.4 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 45 (H240800-45)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 49.1-148

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Analytical Results For:

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Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 46 (H240800-46)

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	02/20/2024	ND	2.30	115	2.00	6.57	
Toluene*	<0.050	0.050	02/20/2024	ND	2.29	114	2.00	6.74	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.26	113	2.00	6.55	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.60	110	6.00	6.72	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	27.5	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	10.1	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 47 (H240800-47)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	160	16.0	02/20/2024	ND	448	112	400	7.41	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Analytical Results For:

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Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 48 (H240800-48)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	352	16.0	02/20/2024	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	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.8 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 49 (H240800-49)

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	02/20/2024	ND	2.25	113	2.00	4.87		
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51		
Total BTEX	<0.300	0.300	02/20/2024	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	112	16.0	02/20/2024	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	02/21/2024	ND	214	107	200	5.01		
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	5.23		
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND						

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 50 (H240800-50)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	176	16.0	02/20/2024	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	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	23.5	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 51 (H240800-51)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	208	16.0	02/20/2024	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	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.5 % 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:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 52 (H240800-52)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	336	16.0	02/20/2024	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	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	30.8	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 53 (H240800-53)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	112	16.0	02/20/2024	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	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.3 % 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:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 54 (H240800-54)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	208	16.0	02/20/2024	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	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	19.3	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.6 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 55 (H240800-55)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	240	16.0	02/20/2024	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	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	30.0	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 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:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 56 (H240800-56)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2024	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	02/21/2024	ND	214	107	200	5.01	
DRO >C10-C28*	<10.0	10.0	02/21/2024	ND	203	101	200	5.23	
EXT DRO >C28-C36	<10.0	10.0	02/21/2024	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 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:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 57 (H240800-57)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 84.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 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:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 58 (H240800-58)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	256	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	19.9	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 59 (H240800-59)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 60 (H240800-60)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 61 (H240800-61)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 62 (H240800-62)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	48.0	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 96.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 63 (H240800-63)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 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:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 64 (H240800-64)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 65 (H240800-65)

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	02/20/2024	ND	2.25	113	2.00	4.87	
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51	
Total BTEX	<0.300	0.300	02/20/2024	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	160	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 66 (H240800-66)

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	02/20/2024	ND	2.25	113	2.00	4.87		
Toluene*	<0.050	0.050	02/20/2024	ND	2.25	112	2.00	4.72		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.24	112	2.00	4.99		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.72	112	6.00	4.51		
Total BTEX	<0.300	0.300	02/20/2024	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	128	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 67 (H240800-67)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 68 (H240800-68)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	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	128	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 96.2 % 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:	02/19/2024	Sampling Date:	02/14/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 69 (H240800-69)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	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	96.0	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 70 (H240800-70)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	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	128	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 89.2 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 71 (H240800-71)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	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	192	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 72 (H240800-72)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	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	112	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 73 (H240800-73)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	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	128	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 74 (H240800-74)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	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	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 75 (H240800-75)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	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	128	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.1 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 76 (H240800-76)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	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	64.0	16.0	02/20/2024	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	02/20/2024	ND	226	113	200	7.78	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 77 (H240800-77)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	12.6	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 78 (H240800-78)

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	02/20/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/20/2024	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	112	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 79 (H240800-79)

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	02/21/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/21/2024	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	96.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 80 (H240800-80)

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	02/21/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/21/2024	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	112	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 81 (H240800-81)

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	02/21/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/21/2024	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	80.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 49.1-148

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Analytical Results For:

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Received:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 82 (H240800-82)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/21/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/21/2024	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	112	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.6 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 83 (H240800-83)

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	02/21/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/21/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 84 (H240800-84)

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	02/21/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/21/2024	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	16.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 85 (H240800-85)

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	02/21/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/21/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 86 (H240800-86)

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	02/21/2024	ND	2.07	104	2.00	7.32	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	103	2.00	10.9	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.12	106	2.00	10.5	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.26	104	6.00	10.6	
Total BTEX	<0.300	0.300	02/21/2024	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	16.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.7 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 87 (H240800-87)

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	02/20/2024	ND	2.35	117	2.00	3.95	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	32.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.9 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 88 (H240800-88)

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	02/20/2024	ND	2.35	117	2.00	3.95	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	32.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 87.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.9 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 89 (H240800-89)

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	02/20/2024	ND	2.35	117	2.00	3.95	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	12.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 90 (H240800-90)

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	02/20/2024	ND	2.35	117	2.00	3.95		
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 91 (H240800-91)

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	02/20/2024	ND	2.35	117	2.00	3.95		
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 92 (H240800-92)

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	02/20/2024	ND	2.35	117	2.00	3.95	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 93 (H240800-93)

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	02/20/2024	ND	2.35	117	2.00	3.95		
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 94 (H240800-94)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/20/2024	ND	2.35	117	2.00	3.95		
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 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	<16.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 83.0 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 95 (H240800-95)

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	02/20/2024	ND	2.35	117	2.00	3.95	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4	
Total BTEX	<0.300	0.300	02/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 84.6 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 96 (H240800-96)

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	02/20/2024	ND	2.35	117	2.00	3.95	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4	
Total BTEX	<0.300	0.300	02/20/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2024	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	02/20/2024	ND	215	108	200	3.30	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	207	104	200	3.77	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.6 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 97 (H240800-97)

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	02/20/2024	ND	2.35	117	2.00	3.95		
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 55.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.8 % 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:	02/19/2024	Sampling Date:	02/15/2024
Reported:	02/22/2024	Sampling Type:	Soil
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BS 98 (H240800-98)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/20/2024	ND	2.35	117	2.00	3.95		
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4		
Total BTEX	<0.300	0.300	02/20/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1813

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P. O. Box 805
 City: Hobbs State: NM zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: Sundance Wtr Transfer CTB - 2-18-21
 Project Location: New Mexico
 Sampler Name: Simon Rendon
 P. O. #: Company: Oxy
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	BTEX	TPH Ext
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H240800	1	G							2-8-24	9:12 AM	✓	✓	✓	
	BS 1								2-8-24	9:23 AM	✓	✓	✓	
	BS 2								2-8-24	9:41 AM	✓	✓	✓	
	BS 3								2-8-24	9:52 AM	✓	✓	✓	
	BS 4								2-8-24	10:12 AM	✓	✓	✓	
	BS 5								2-8-24	10:20 AM	✓	✓	✓	
	BS 6								2-8-24	10:33 AM	✓	✓	✓	
	BS 7								2-8-24	10:45 AM	✓	✓	✓	
	BS 8								2-8-24	11:01 AM	✓	✓	✓	
	BS 9								2-8-24	11:18 AM	✓	✓	✓	
	BS 10													

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Relinquished By: *[Signature]* Date: 2-19-24 Received By: *[Signature]* Date: 2-19-24
 Relinquished By: *[Signature]* Date: 8:00 AM Received By: *[Signature]* Date: 2-19-24
 Delivered By: (Circle One) *[Signature]* Time: 1:50
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *[Signature]* (Initials) *[Signature]*
 Sampler - UPS - Bus - Other: -3.0°C #140

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/2/13

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #:

State: NM Zip: 88241
 Fax #: 575-397-0397
 Project Owner: Oxy

Project Name: Sundance Wtr Transfer CTB - 2-18-21
 Project Location: New Mexico

Sampler Name: Simon Rendon

FOR LAB USE ONLY

Lab I.D. Sample I.D.

BILL TO

P.O. #: Company: Oxy

Attn: Address:

City: State: Zip:

Phone #: Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	BTEX	TPH Ext
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
11	BS 11	6	1						2-8-24	11:32 AM	✓	✓	✓	
12	BS 12	1	1						2-8-24	11:51 AM	✓	✓	✓	
13	BS 13	1	1						2-8-24	12:46 AM	✓	✓	✓	
14	BS 14	1	1						2-8-24	1:15 PM	✓	✓	✓	
15	BS 15	1	1						2-8-24	1:32 PM	✓	✓	✓	
16	BS 16	1	1						2-8-24	1:47 PM	✓	✓	✓	
17	BS 17	1	1						2-8-24	2:10 PM	✓	✓	✓	
18	BS 18	1	1						2-13-24	9:04 AM	✓	✓	✓	
19	BS 19	1	1						2-13-24	9:17 AM	✓	✓	✓	
20	BS 20	1	1						2-13-24	9:34 AM	✓	✓	✓	

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Relinquished By: *[Signature]* Date: 2-19-24
 Relinquished By: *[Signature]* Date: 2-19-24
 Received By: *[Signature]*
 Delivered By: (Circle One) *[Signature]* Time: 7:50
 Sampler - UPS - Bus - Other: *[Signature]* 3.00 \$140
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *[Signature]* (Initials)

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3/1/15

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P. O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #:

BILL TO

ANALYSIS REQUEST

State: NM zip: 88241
 Fax #: 575-397-0397
 Project Owner: Oxy
 Project Name: Sundance Wtr Transfer CTB - 2-18-21
 Project Location: New Mexico
 Sampler Name: Simon Rendon

P.O. #: _____
 Company: Oxy
 Attn: _____
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
H240802		5	1			✓					2-13-24	9:50 AM	Chlorides
31	BS 21										2-13-24	10:08 AM	BTEX
32	BS 22										2-13-24	10:20 AM	TPH Ext
33	BS 23										2-13-24	10:31 AM	
34	BS 24										2-13-24	10:39 AM	
35	BS 25										2-13-24	10:50 AM	
36	BS 26										2-13-24	11:02 AM	
37	BS 27										2-13-24	11:17 AM	
38	BS 28										2-13-24	11:31 AM	
39	BS 29										2-13-24	11:43 AM	
30	BS 30												

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Relinquished By: *[Signature]* Date: 2-19-24 Received By: *[Signature]* Date: 2-19-24
 Relinquished By: *[Signature]* Date: 6:00 AM Received By: *[Signature]* Date: 7:50 AM
 Delivered By: (Circle One) *[Signature]*
 Sampler - UPS - Bus - Other: *[Signature]* -3.0°C #140
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *[Signature]* (Initials) *[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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4/15

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: Sundance Wtr Transfer CTB - 2-18-21

Project Location: New Mexico

Sampler Name: Simon Rendon

FOR LAB USE ONLY

BILL TO

ANALYSIS REQUEST

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: zip:

Phone #:

Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	Chlorides	BTEX	TPH Ext
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H240860	BS 31	G	1						2-13-24	11:56 AM	✓	✓	✓	
	BS 32								2-13-24	12:45 PM	✓	✓	✓	
	BS 33								2-13-24	12:58 PM	✓	✓	✓	
	BS 34								2-13-24	1:20 PM	✓	✓	✓	
	BS 35								2-13-24	1:36 PM	✓	✓	✓	
	BS 36								2-13-24	1:52 PM	✓	✓	✓	
	BS 37								2-13-24	2:12 PM	✓	✓	✓	
	BS 38								2-13-24	2:29 PM	✓	✓	✓	
	BS 39								2-13-24	2:42 PM	✓	✓	✓	
	BS 40								2-13-24	2:53 PM	✓	✓	✓	

PLEASE NOTE: Laboratory and client's evidence remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or any other profits incurred by client, its subsidiaries, affiliates or successors arising out of or resulting from the performance of services rendered by Cardinal. Responsibility of whether such claim is based upon any of the above stated missions or otherwise.

Relinquished By: [Signature] Date: 2-19-24 Received By: [Signature] Date: 2-19-24

Relinquished By: [Signature] Date: 2-19-24 Received By: [Signature] Date: 2-19-24

Delivered By: (Circle One) [Signature] Time: 1:50

Sampler - UPS - Bus - Other: -200 #140

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

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

6/13

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #: [blank]
 Project Name: Sundance Wtr Transfer CTB - 2-18-21
 Project Location: New Mexico
 Sampler Name: Simon Rendon

P.O. #: [blank]
 Company: Oxy
 Attn: [blank]
 Address: [blank]
 City: [blank]
 State: [blank]
 Phone #: [blank]
 Fax #: [blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	Chlorides	BTEX	TPH Ext
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE:	ICE / COOL					
<i>H240800</i>																
51	BS 51											2-14-24	10:51 AM	✓	✓	✓
52	BS 52											2-14-24	11:09 AM	✓	✓	✓
53	BS 53											2-14-24	11:21 AM	✓	✓	✓
54	BS 54											2-14-24	11:37 AM	✓	✓	✓
55	BS 55											2-14-24	11:52 AM	✓	✓	✓
56	BS 56											2-14-24	12:47 PM	✓	✓	✓
57	BS 57											2-14-24	1:05 PM	✓	✓	✓
58	BS 58											2-14-24	1:17 PM	✓	✓	✓
59	BS 59											2-14-24	1:33 PM	✓	✓	✓
60	BS 60											2-14-24	1:45 PM	✓	✓	✓

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Reiminished By: *Simon Rendon* Date: *2-19-24* Received By: *Cliff Brunson*
 Reiminished By: *Cliff Brunson* Date: *2-19-24* Received By: *Simon Rendon*

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: *-20°C #140*

Sample Condition: Intact Broken
 Cool: Yes No

CHECKED BY: *SR* (Initials)

Phone Result: Yes No Add'l Phone #: [blank]
 Fax Result: Yes No Add'l Fax #: [blank]

REMARKS: [blank]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Handwritten initials/signature

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P. O. Box 805
 City: Hobbs State: NM zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: Sundance Wtr Transfer CTB - 2-18-21
 Project Location: New Mexico
 Sampler Name: Simon Rendon

BILL TO
 P.O. #: Company: Oxy
 Attn: Address:
 City: State: Zip:
 Phone #: Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	Chlorides	TPH Ext	BTEX
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H240800		G	1			✓					2-14-24	1:57 PM	✓	✓	✓
61	BS 61										2-14-24	2:14 PM	✓	✓	✓
62	BS 62										2-14-24	2:33 PM	✓	✓	✓
63	BS 63										2-14-24	2:45 PM	✓	✓	✓
64	BS 64										2-14-24	3:02 PM	✓	✓	✓
65	BS 65										2-14-24	3:14 PM	✓	✓	✓
66	BS 66										2-14-24	3:27 PM	✓	✓	✓
67	BS 67										2-14-24	3:38 PM	✓	✓	✓
68	BS 68										2-14-24	3:51 PM	✓	✓	✓
69	BS 69										2-15-24	8:40 AM	✓	✓	✓
70	BS 70														

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Relinquished By: *Simon Rendon* Date: 2-19-24 Received By: *Simon Rendon* Date: 2-19-24
 Relinquished By: *Simon Rendon* Date: 8-16-24 Received By: *Simon Rendon* Date: 2-19-24
 Delivered By: (Circle One) *Simon Rendon* Time: 16:50 Received By: *Simon Rendon* Time: 16:50
 Sampler - UPS - Bus - Other: *-2.0°C #140*
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *Simon Rendon* (initials)

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

9/13

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: Sundance Wtr Transfer CTB - 2-18-21 Project Location: New Mexico Sampler Name: Simon Rendon		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		BILL TO	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		ANALYSIS REQUEST	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			DATE	TIME	Chlorides	BTEX	TPH Ext
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :					
<i>H340582</i>	BS 81	<i>G</i>	<i>1</i>			<input checked="" type="checkbox"/>							2-15-24	10:57 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BS 82												2-15-24	11:14 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BS 83												2-15-24	11:25 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BS 84												2-15-24	11:37 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BS 85												2-15-24	11:48 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BS 86												2-15-24	11:58 AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BS 87												2-15-24	12:43 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BS 88												2-15-24	12:57 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BS 89												2-15-24	1:12 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BS 90												2-15-24	1:25 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Relinquished By: <i>[Signature]</i> Date: <i>2-19-24</i> Time: <i>8:00 AM</i>	Received By: <i>[Signature]</i> Date: <i>2-19-24</i> Time: <i>1:50 PM</i>	Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>[Signature]</i> (Initials)
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>-30°C #140</i>			
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____			
REMARKS: _____			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

10/13

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P. O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #: _____
 Project Name: Sundance Wtr Transfer CTB - 2-18-21
 Project Location: New Mexico
 Sampler Name: Simon Rendon

BILL TO
 P. O. #: _____
 Company: Oxy
 Attn: _____
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	CL	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<i>H44800</i>														
91	BS 91	<input checked="" type="checkbox"/>	1							2-15-24	1:38 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
92	BS 92	<input checked="" type="checkbox"/>	1							2-15-24	1:50 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
93	BS 93	<input checked="" type="checkbox"/>	1							2-15-24	2:03 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
94	BS 94	<input checked="" type="checkbox"/>	1							2-15-24	2:17 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
95	BS 95	<input checked="" type="checkbox"/>	1							2-15-24	2:32 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
96	BS 96	<input checked="" type="checkbox"/>	1							2-15-24	2:47 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
97	BS 97	<input checked="" type="checkbox"/>	1							2-15-24	3:07 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
98	BS 98	<input checked="" type="checkbox"/>	1							2-15-24	3:19 PM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Relinquished By: _____ Date: *2-19-24* Received By: _____ Date: *2-19-24*

Relinquished By: _____ Time: *8:00 PM* Received By: _____ Time: *7:50*

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: *-2.0°C #440*

Sample Condition: Cool Intact
 Yes No

CHECKED BY: _____ (Initials)

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

REMARKS:

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

February 22, 2024

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

RE: SUNDANCE WTR TRANSFER CTB

Enclosed are the results of analyses for samples received by the laboratory on 02/19/24 16:50.

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".

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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 1 (H240801-01)

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	02/20/2024	ND	2.35	117	2.00	3.95	
Toluene*	<0.050	0.050	02/20/2024	ND	2.07	104	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	1.99	99.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	5.59	93.2	6.00	10.4	
Total BTEX	<0.300	0.300	02/20/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 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	16.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 2 (H240801-02)

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	02/21/2024	ND	2.35	117	2.00	3.95		
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	104	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	1.99	99.3	2.00	10.4		
Total Xylenes*	<0.150	0.150	02/21/2024	ND	5.59	93.2	6.00	10.4		
Total BTEX	<0.300	0.300	02/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 93.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 3 (H240801-03)

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	02/21/2024	ND	2.35	117	2.00	3.95		
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	104	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	1.99	99.3	2.00	10.4		
Total Xylenes*	<0.150	0.150	02/21/2024	ND	5.59	93.2	6.00	10.4		
Total BTEX	<0.300	0.300	02/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	<16.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.3 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 4 (H240801-04)

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	02/21/2024	ND	2.35	117	2.00	3.95	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	104	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	1.99	99.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	5.59	93.2	6.00	10.4	
Total BTEX	<0.300	0.300	02/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 5 (H240801-05)

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	02/21/2024	ND	2.35	117	2.00	3.95	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	104	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	1.99	99.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	5.59	93.2	6.00	10.4	
Total BTEX	<0.300	0.300	02/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 84.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.2 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 6 (H240801-06)

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	02/21/2024	ND	2.35	117	2.00	3.95	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	104	2.00	10.1	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	1.99	99.3	2.00	10.4	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	5.59	93.2	6.00	10.4	
Total BTEX	<0.300	0.300	02/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 7 (H240801-07)

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	02/21/2024	ND	2.35	117	2.00	3.95		
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	104	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	1.99	99.3	2.00	10.4		
Total Xylenes*	<0.150	0.150	02/21/2024	ND	5.59	93.2	6.00	10.4		
Total BTEX	<0.300	0.300	02/21/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 8 (H240801-08)

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	02/21/2024	ND	2.35	117	2.00	3.95		
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	104	2.00	10.1		
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	1.99	99.3	2.00	10.4		
Total Xylenes*	<0.150	0.150	02/21/2024	ND	5.59	93.2	6.00	10.4		
Total BTEX	<0.300	0.300	02/21/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.8 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 9 (H240801-09)

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	02/20/2024	ND	2.05	102	2.00	6.92		
Toluene*	<0.050	0.050	02/20/2024	ND	2.11	105	2.00	6.24		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.09	105	2.00	6.62		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.34	106	6.00	6.51		
Total BTEX	<0.300	0.300	02/20/2024	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	<16.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 10 (H240801-10)

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	02/20/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/20/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/20/2024	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	<16.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 11 (H240801-11)

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	02/20/2024	ND	2.05	102	2.00	6.92		
Toluene*	<0.050	0.050	02/20/2024	ND	2.11	105	2.00	6.24		
Ethylbenzene*	<0.050	0.050	02/20/2024	ND	2.09	105	2.00	6.62		
Total Xylenes*	<0.150	0.150	02/20/2024	ND	6.34	106	6.00	6.51		
Total BTEX	<0.300	0.300	02/20/2024	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	<16.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 12 (H240801-12)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 13 (H240801-13)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	13.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 14 (H240801-14)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 15 (H240801-15)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 84.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 16 (H240801-16)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 17 (H240801-17)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 18 (H240801-18)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	48.0	16.0	02/20/2024	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	02/20/2024	ND	196	98.2	200	0.143	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	180	90.2	200	2.85	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 90.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 19 (H240801-19)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	02/20/2024	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	02/20/2024	ND	205	102	200	2.71	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	218	109	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 20 (H240801-20)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	02/20/2024	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	02/20/2024	ND	205	102	200	2.71	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	218	109	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 21 (H240801-21)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	205	102	200	2.71	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	218	109	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 22 (H240801-22)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	205	102	200	2.71	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	218	109	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 23 (H240801-23)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	205	102	200	2.71	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	218	109	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 24 (H240801-24)

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	02/21/2024	ND	2.05	102	2.00	6.92		
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24		
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62		
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51		
Total BTEX	<0.300	0.300	02/21/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	205	102	200	2.71		
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	218	109	200	2.38		
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND						

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.8 % 49.1-148

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Analytical Results For:

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

Received:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 25 (H240801-25)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2024	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	02/20/2024	ND	205	102	200	2.71	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	218	109	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 87.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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 Hobbs NM, 88241
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Received:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 26 (H240801-26)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	32.0	16.0	02/20/2024	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	02/20/2024	ND	205	102	200	2.71	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	218	109	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.0 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 27 (H240801-27)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	02/20/2024	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	02/20/2024	ND	205	102	200	2.71	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	218	109	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 28 (H240801-28)

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	02/21/2024	ND	2.05	102	2.00	6.92	
Toluene*	<0.050	0.050	02/21/2024	ND	2.11	105	2.00	6.24	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.09	105	2.00	6.62	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.34	106	6.00	6.51	
Total BTEX	<0.300	0.300	02/21/2024	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	16.0	16.0	02/20/2024	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	02/20/2024	ND	205	102	200	2.71	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	218	109	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 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:	02/19/2024	Sampling Date:	02/16/2024
Reported:	02/22/2024	Sampling Type:	Sludge
Project Name:	SUNDANCE WTR TRANSFER CTB	Sampling Condition:	Cool & Intact
Project Number:	2/18/21	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SW 29 (H240801-29)

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	02/21/2024	ND	2.01	101	2.00	3.87	
Toluene*	<0.050	0.050	02/21/2024	ND	2.07	103	2.00	2.46	
Ethylbenzene*	<0.050	0.050	02/21/2024	ND	2.06	103	2.00	1.94	
Total Xylenes*	<0.150	0.150	02/21/2024	ND	6.18	103	6.00	2.21	
Total BTEX	<0.300	0.300	02/21/2024	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2024	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	02/20/2024	ND	205	102	200	2.71	
DRO >C10-C28*	<10.0	10.0	02/20/2024	ND	218	109	200	2.38	
EXT DRO >C28-C36	<10.0	10.0	02/20/2024	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

11/2/13

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P. O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #: [blank]
 Project Name: Sundance Wtr Transfer CTB - 2-18-21
 Project Location: New Mexico
 Sampler Name: Simon Rendon

P.O. #: [blank]
 Company: Oxy
 Attn: [blank]
 Address: [blank]
 City: [blank]
 State: [blank]
 Zip: [blank]

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
4248801	SW 1	✓	1			✓				2-16-24	8:45 AM	Chlorides
	SW 2									2-16-24	8:53 AM	BTEX
	SW 3									2-16-24	9:04 AM	TPH Ext
	SW 4									2-16-24	9:14 AM	
	SW 5									2-16-24	9:23 AM	
	SW 6									2-16-24	9:35 AM	
	SW 7									2-16-24	9:46 AM	
	SW 8									2-16-24	9:57 AM	
	SW 9									2-16-24	10:14 AM	
	SW 10									2-16-24	10:28 AM	

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Relinquished By: [blank] Date: [blank] Time: [blank]
 Received By: [Signature] Date: 8-19-24 Time: 1450
 Delivered By: (Circle One) [blank]
 Sampler - Ups - Bus - Other: -30°C #440
 Sample Condition: Cool Intact [checked] Yes [] No []
 CHECKED BY: [Signature] (Initials)

Phone Result: [] Yes [] No [] Add'l Phone #: [blank]
 Fax Result: [] Yes [] No [] Add'l Fax #: [blank]
 REMARKS: [blank]

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

12 of 13

Company Name: BBC International, Inc. **BILL TO**
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: Sundance Wtr Transfer CTB - 2-18-21
 Project Location: New Mexico
 Sampler Name: Simon Rendon
 P.O. #: Company: Oxy
 Altn: Address: City: State: Zip: Phone #: Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
A240801	11	5	1						2-16-24	10:41 AM	Chlorides	
	12								2-16-24	10:53 AM	BTEX	
	13								2-16-24	11:05 AM	TPH Ext	
	14								2-16-24	11:16 AM		
	15								2-16-24	11:28 AM		
	16								2-16-24	11:40 AM		
	17								2-16-24	11:54 AM		
	18								2-16-24	12:44 PM		
	19								2-16-24	12:56 PM		
	20								2-16-24	1:06 PM		

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Relinquished By: *[Signature]* Date: 2-19-24 Received By: *[Signature]* Date: 2-19-24
 Relinquished By: *[Signature]* Time: 1:50 Received By: *[Signature]* Time: 1:50
 Delivered By: (Circle One) UPS - Bus - Other: -300 \$140
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *[Signature]* (Initials) *[Signature]*
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

13 of 13

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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: Sundance Wtr Transfer CTB - 2-18-21
Project Location: New Mexico
Sampler Name: Simon Rendon

FOR LAB USE ONLY

Matrix: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
Preserv: ACID/BASE, ICE/COOL, OTHER:
Sampling: DATE, TIME

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chlorides	BTEX	TPH Ext
H240801	31	SW 21	1	GROUNDWATER	✓		2-16-24	1:19 PM	✓	✓	✓
	32	SW 22	1	GROUNDWATER			2-16-24	1:31 PM	✓	✓	✓
	33	SW 23	1	GROUNDWATER			2-16-24	1:44 PM	✓	✓	✓
	34	SW 24	1	GROUNDWATER			2-16-24	1:58 PM	✓	✓	✓
	35	SW 25	1	GROUNDWATER			2-16-24	2:06 PM	✓	✓	✓
	36	SW 26	1	GROUNDWATER			2-16-24	2:17 PM	✓	✓	✓
	37	SW 27	1	GROUNDWATER			2-16-24	2:28 PM	✓	✓	✓
	38	SW 28	1	GROUNDWATER			2-16-24	2:40 PM	✓	✓	✓
	39	SW 29	1	GROUNDWATER			2-16-24	2:53 PM	✓	✓	✓

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Relinquished By: [Signature] **Date:** 2-19-24 **Received By:** [Signature] **Date:** 2-19-24

Relinquished By: [Signature] **Date:** 2-19-24 **Received By:** [Signature] **Date:** 2-19-24

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: -20°C #140

Sample Condition: Cool Yes No
 Protect Yes No

CHECKED BY: [Signature] **(Initials):** [Signature]

REMARKS:

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State of New Mexico
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Oil Conservation Division
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Santa Fe, NM 87505

QUESTIONS

Action 353385

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 353385
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2105646400
Incident Name	NAPP2105646400 SUNDANCE WATER TRANSFER PUMP @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Facility	[fAB1917255442] SAND DUNES WATER TANK FACILITY

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	SUNDANCE WATER TRANSFER PUMP
Date Release Discovered	02/18/2021
Surface Owner	Federal

Incident Details	
<i>Please answer all the questions in this group.</i>	
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	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Equipment Failure Pump Crude Oil Released: 10 BBL Recovered: 10 BBL Lost: 0 BBL.
Produced Water Released (bbls) Details	Cause: Equipment Failure Pump Produced Water Released: 140 BBL Recovered: 120 BBL Lost: 20 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 353385

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 353385
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 06/12/2024
--	---

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QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 353385
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 500 and 1000 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

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

Chloride (EPA 300.0 or SM4500 Cl B)	464
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0.5
GRO+DRO (EPA SW-846 Method 8015M)	10
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.5

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

On what estimated date will the remediation commence	12/08/2023
On what date will (or did) the final sampling or liner inspection occur	02/16/2024
On what date will (or was) the remediation complete(d)	03/18/2024
What is the estimated surface area (in square feet) that will be reclaimed	16553
What is the estimated volume (in cubic yards) that will be reclaimed	1044
What is the estimated surface area (in square feet) that will be remediated	16553
What is the estimated volume (in cubic yards) that will be remediated	1044

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 353385

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 353385
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

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

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 06/12/2024
--	---

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

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QUESTIONS, Page 5

Action 353385

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 353385
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

District I
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QUESTIONS, Page 6

Action 353385

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 353385
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	310956
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	02/08/2024
What was the (estimated) number of samples that were to be gathered	127
What was the sampling surface area in square feet	16553

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	16553
What was the total volume (cubic yards) remediated	1044
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	16553
What was the total volume (in cubic yards) reclaimed	1044
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 and SP7 (YELLOW shade on diagram) was excavated to a depth of 1 foot. The leak area near SP2 – SP3, SP5 – SP6, SP8, SP11, SP13, and SP15 (LIGHT BLUE shade on diagram) was excavated to a depth of 2 feet. The leak area near SP4 (PURPLE shade on diagram) was excavated to a depth of 4 feet. The leak area near SP9, SP10, and SP12 (GREEN shade on diagram) was excavated to a depth of 1 foot. The leak area near SP14 (RED shade on diagram) was excavated to a depth of 4 feet. OXY collected bottom and sidewall confirmation samples every 200 square feet.

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

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

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 06/12/2024
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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
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 7

Action 353385

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 353385
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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CONDITIONS

Action 353385

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 353385
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	Operator failed to provide proper Sampling Notification pursuant to 19.15.29.12.D.(1).(a) NMAC. Failure to provide proper sampling notice is a compliance issue and OCD may pursue compliance actions pursuant to 19.15.5 NMAC. Operator shall ensure future compliance with 19.15.29.12.D.(1).(a) NMAC	6/25/2024