

Closure Report

nAB1708235590; nAB1713850012; nAB1718027001

Site Description

Site Name:	LOST TANK 3-25 SWD FACILITY
Company:	Oxy USA, Inc.
Legal Description:	UL H, S 3, T 22S , R 31E
County:	EDDY
GPS Coordinates:	N 32.42385,W-103.75895

Release Data

Date of Release:	03/1/15, 5/15/17, 6/21/17
Type of Release:	produced water,Oil & produced water ,produced water
Source of Release:	power failure, automation issues ,INJECTION AND TRANSFER PUMPS FAILED
Volume of Release:	WATER 20BBLS ,OIL 5BBLS WATER 70BBLS, WATER 300 BBLS
Volume Recovered:	WATER 14 BBLS, OIL 5 BBLS WATER 55BBLS ,WATER 280 BBLS

Remediation Specifications

Remediation Parameters:	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no paperwork existed for verification therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet .	
Remediation Activities:		
Plan Sent to OCD:		
OCD Approval of Plan:		
Plan Sent to BLM:		
BLM Approval of Plan:		

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Closure photos	
Lab Summary/Analysis	Confirmation lab summary/analysis reports	
Notifications	8/25/2023	

Request for Closure

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

Cliff P. Brunson
President, BBC International, Inc.

10/5/2023

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1708235590
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: 10-3-23
 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: Ashley Maxwell Date: 10/18/2023
 Printed Name: Ashley Maxwell Title: Environmental Specialist

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1713850012
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Printed Name: _____ Title: _____

Form C-141

Page 6

State of New Mexico
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Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 10-3-23
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: [Cliff P. Brunson](#)
To: OCD.Enviro@emnrd.nm.gov
Cc: [Wade Dittrich](#); [Tyson Pierce](#); [Kathy Sweeney](#); [Jennifer Gilkey](#)
Subject: OXY - Lost Tank 3-25 SWD Facility (6/21/17) (nAB1718027001) - Sampling Notification
Date: Friday, August 25, 2023 4:44:58 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Lost Tank 3-25 SWD Facility (6/21/17) (nAB1718027001) on Wednesday, August 30, 2023 at 9:00 a.m.

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com



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From: [Wells, Shelly, EMNRD](#)
To: [Cliff P. Brunson](#)
Cc: [Bratcher, Michael, EMNRD](#); [Maxwell, Ashley, EMNRD](#)
Subject: RE: [EXTERNAL] OXY - Lost Tank 3-25 SWD Facility (6/21/17) (nAB1718027001) - Sampling Notification
Date: Monday, August 28, 2023 8:51:30 AM

Good morning Cliff,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive | Santa Fe, NM 87505
(505)469-7520 | Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Friday, August 25, 2023 4:45 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Wade Dittrich <Wade_Dittrich@oxy.com>; Tyson Pierce <tyson_pierce@oxy.com>; Kathy Sweeney <kathys@bbcinternational.com>; Jennifer Gilkey <jgilkey@bbcinternational.com>
Subject: [EXTERNAL] OXY - Lost Tank 3-25 SWD Facility (6/21/17) (nAB1718027001) - Sampling Notification

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

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Fax: (575) 397-0397

OXY, LOST TANK 3-25 SWD FACILITY

LEAK DATE: 3/1/17; 5/15/17; 6/21/17

EDDY COUNTY, NM

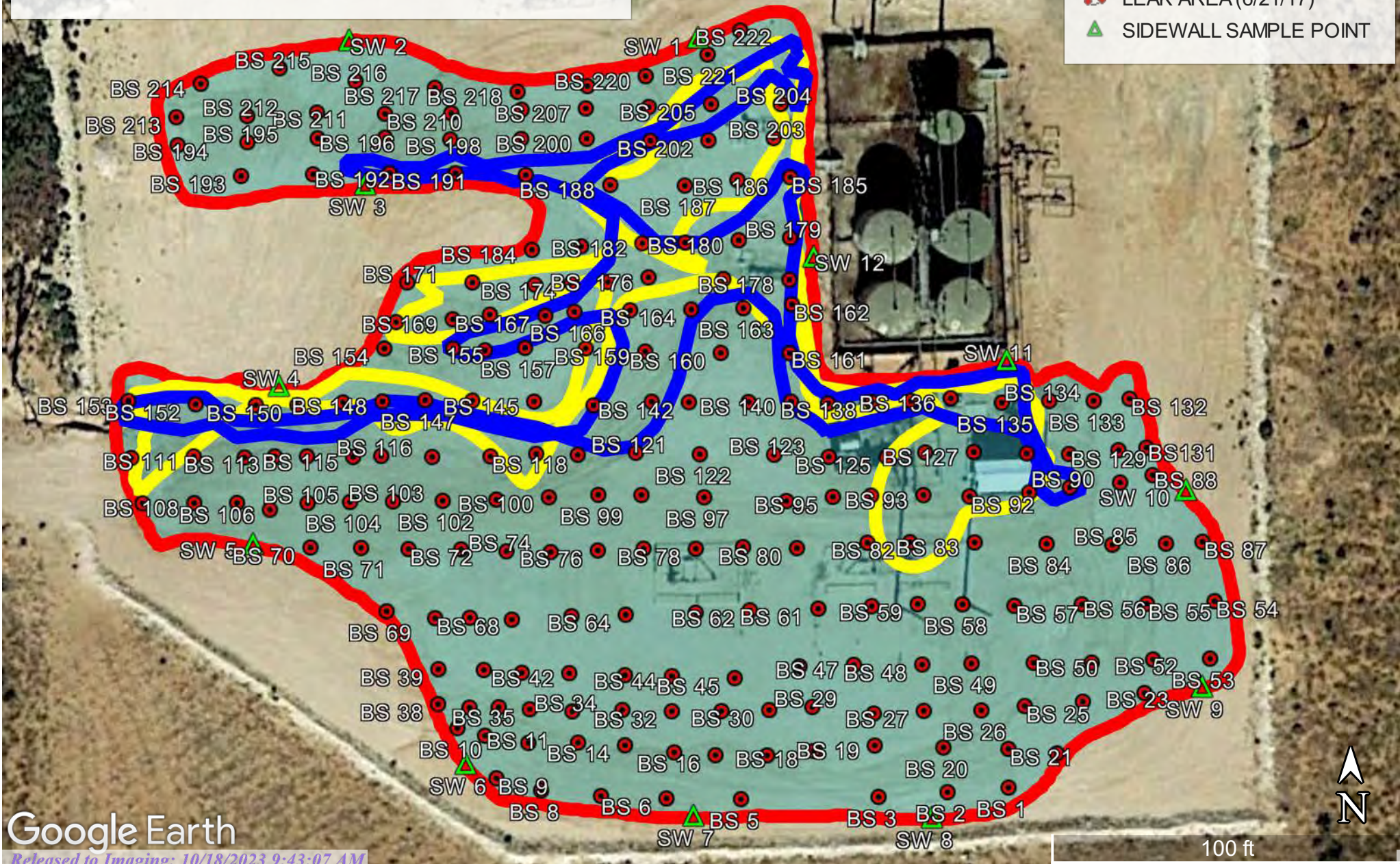
ID#: nAB1708235590 (3/1/17)

nAB1713850012 (5/15/17)

nAB1718027001 (6/21/17)

Legend

- 1' EXCAVATION
- BOTTOM SAMPLE POINT
- LEAK AREA (3/1/17)
- LEAK AREA (5/15/17)
- LEAK AREA (6/21/17)
- SIDEWALL SAMPLE POINT

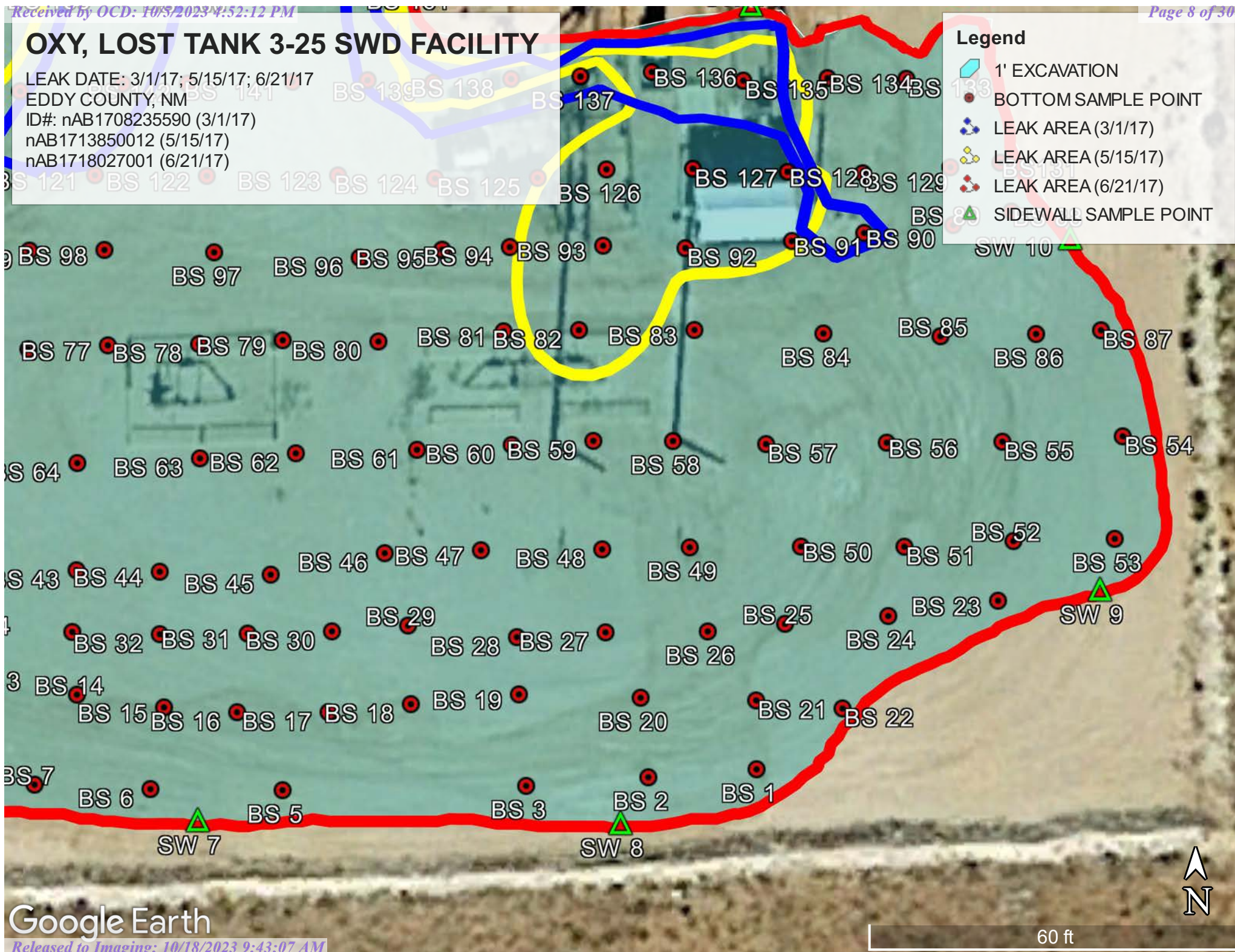


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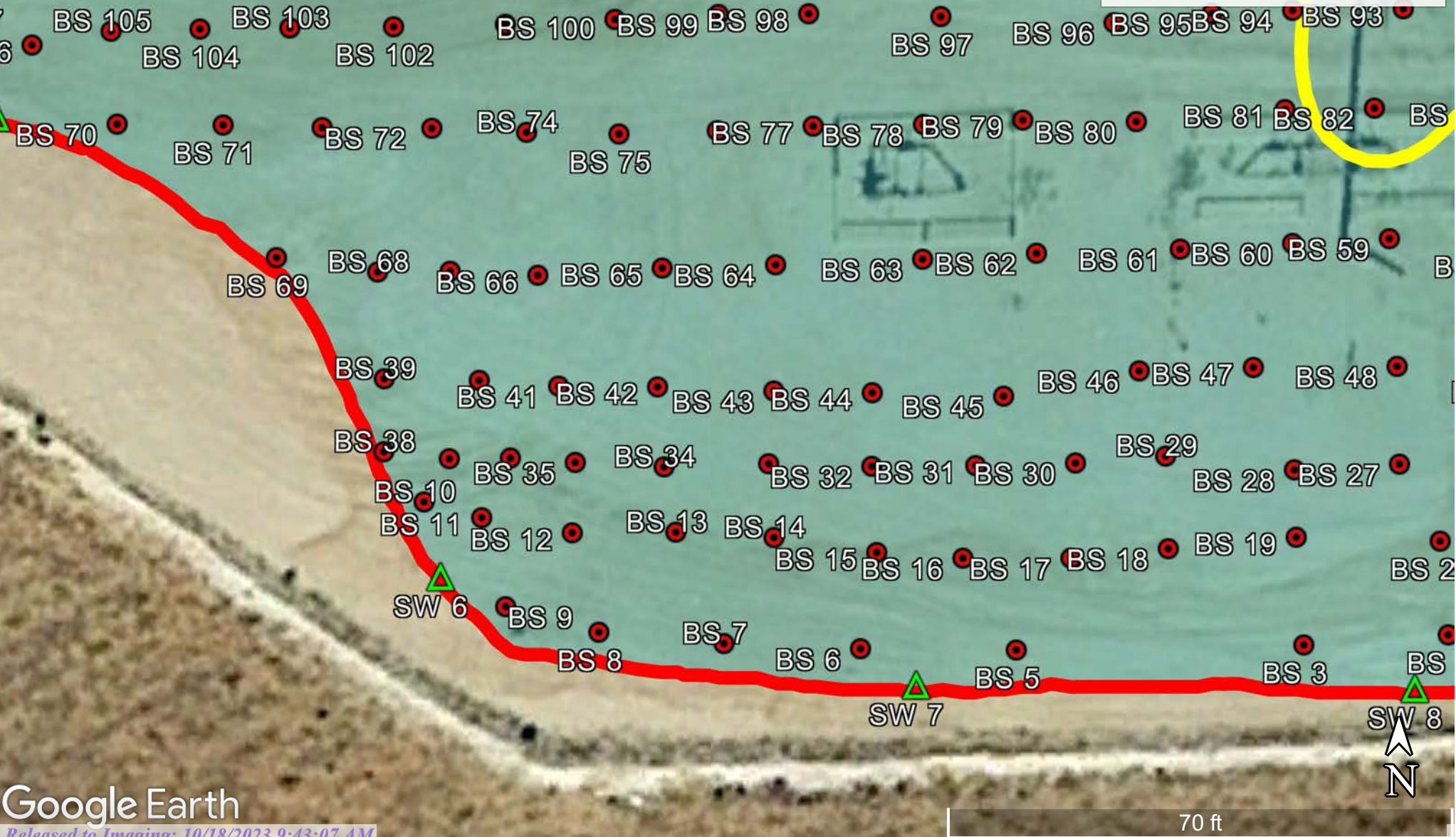


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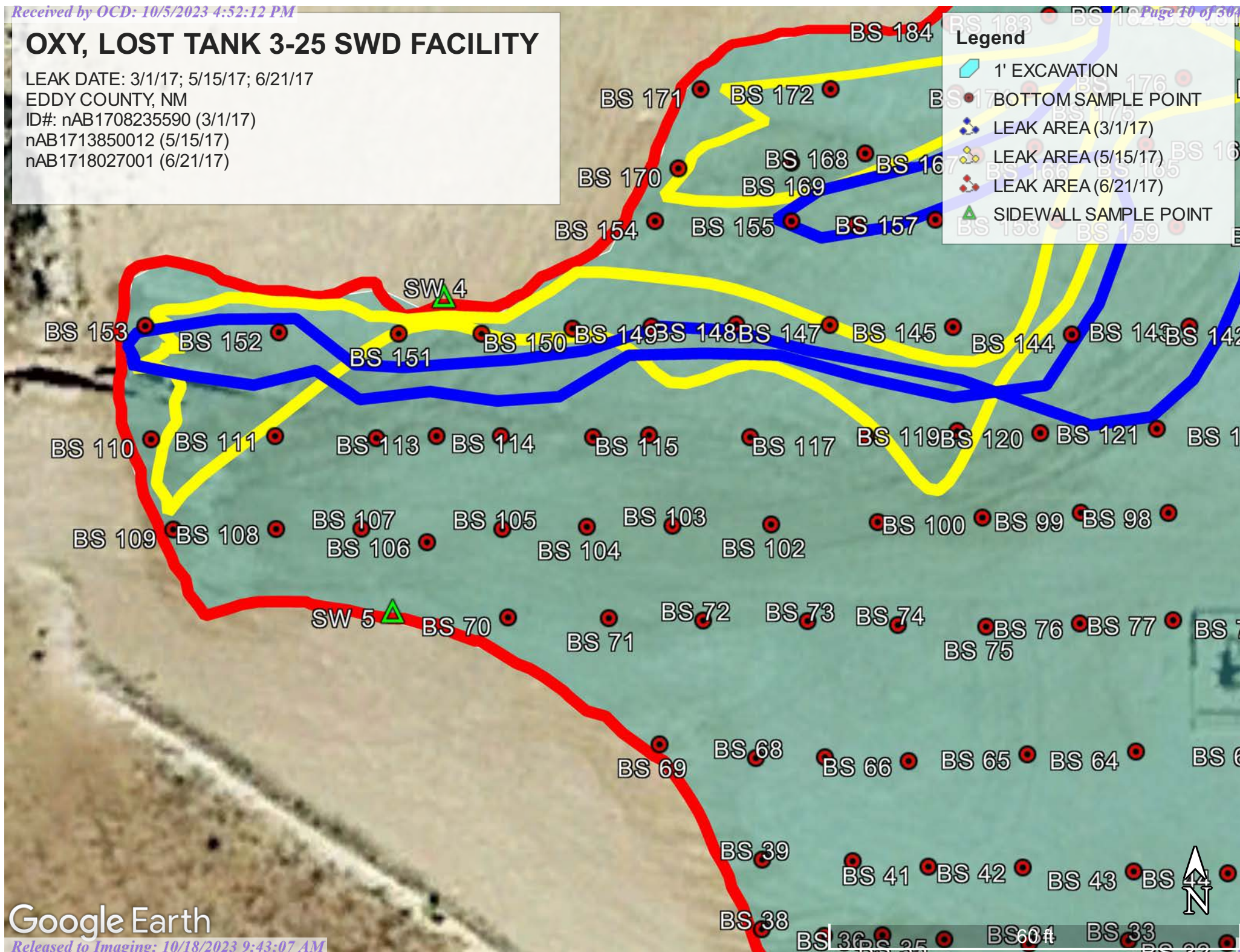


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Google Earth

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EDDY COUNTY, NM

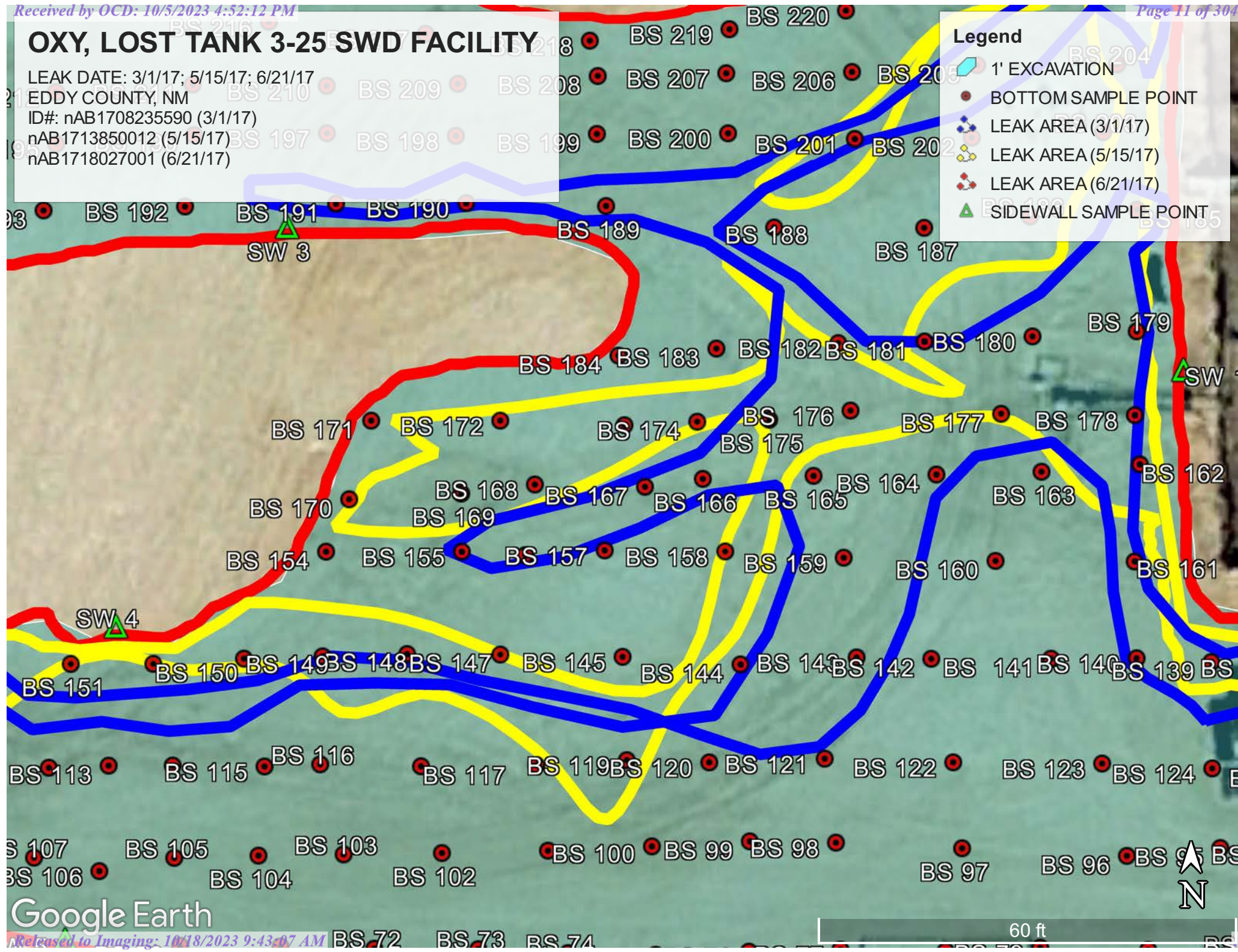
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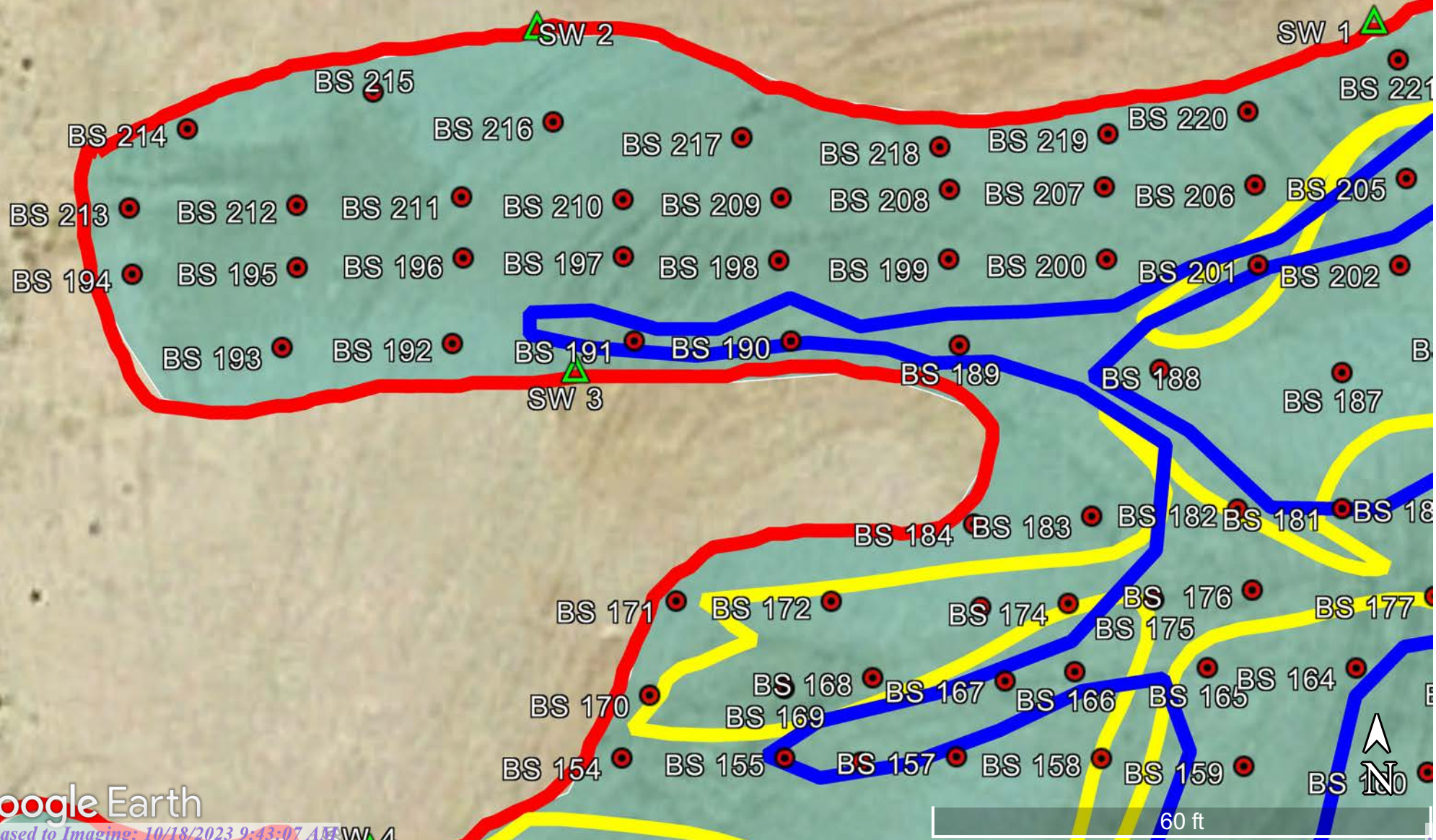


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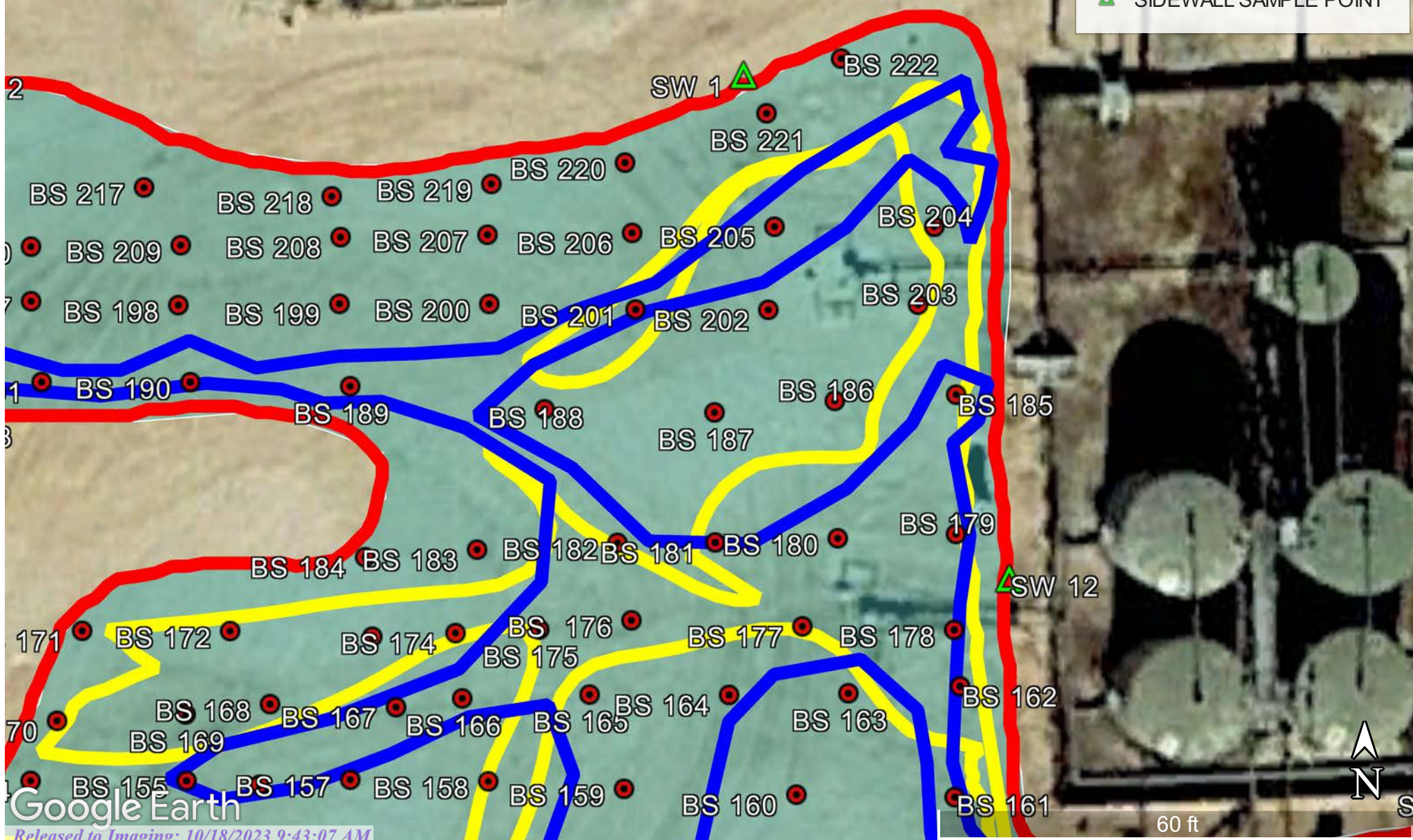


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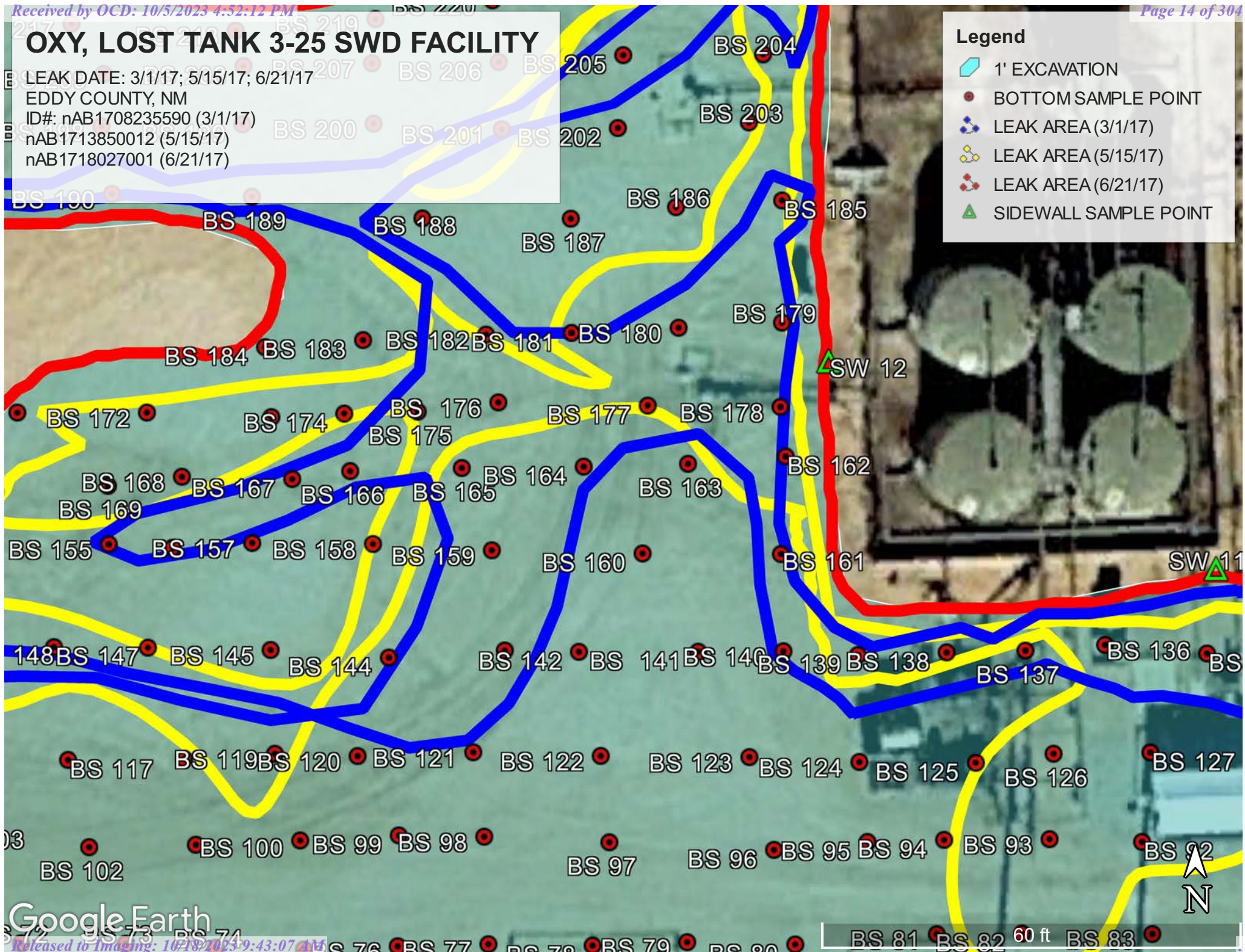
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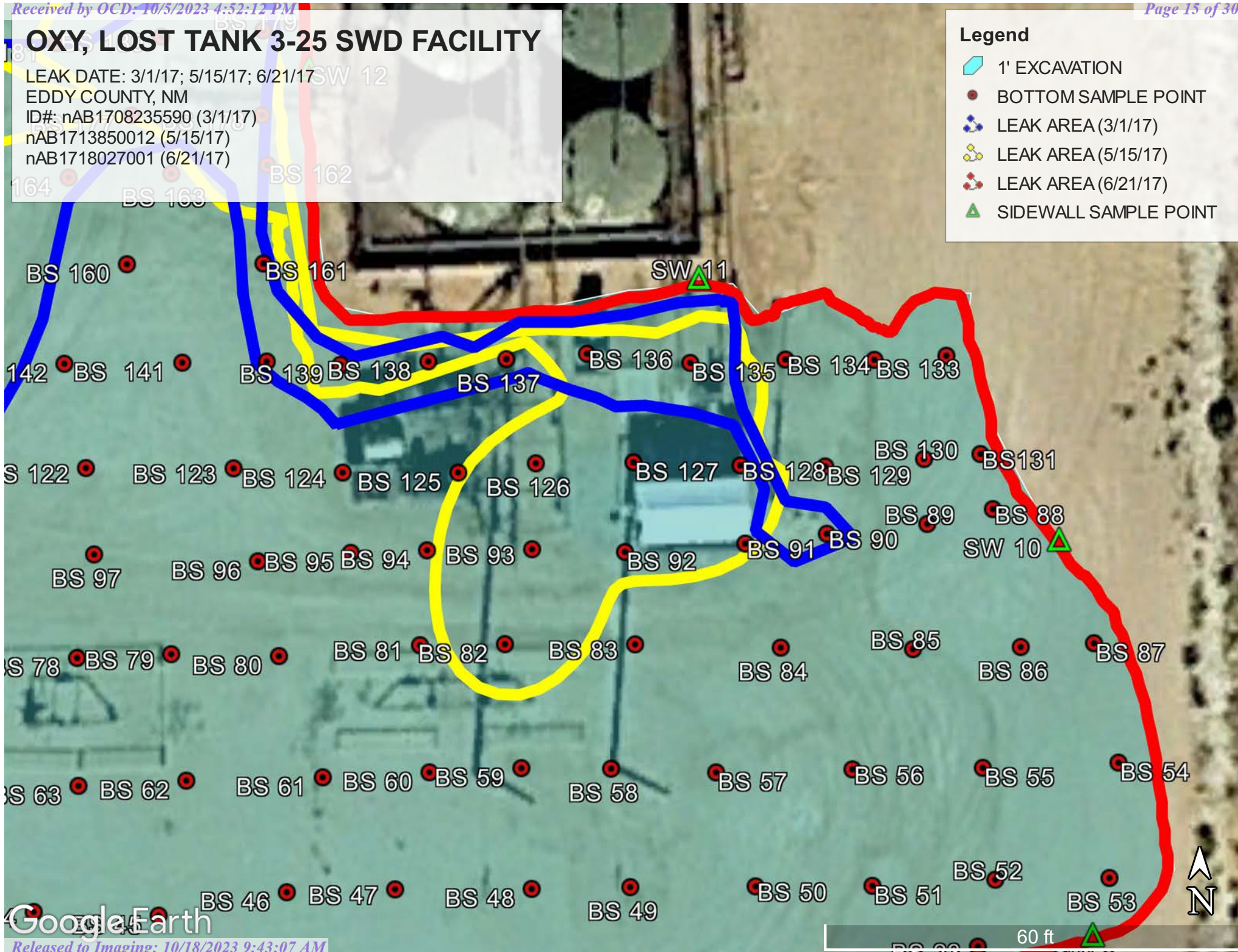


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OXY-LOST TANK 3-25 SWD (3/1/13,5/15/17,6/21/17) SAMPLE DATES 8/30/23, 9/5/23, 9/6/23
BOTTOM SAMPLE S

BS 1	N 32.423519	W-103.75814
BS 2	N 32.423515	W-103.758671
BS 3	N 32.423511	W-103.758736
BS 4	N 32.423509	W-103.758797
BS 5	N 32.423509	W-103.758865
BS 6	N 32.423509	W-103.758935
BS 7	N 32.423511	W-103.758996
BS 8	N 32.423516	W-103.759052
BS 9	N 32.423525	W-103.759094
BS 10	N 32.423565	W-103.759131
BS 11	N 32.423559	W-103.759105
BS 12	N 32.423553	W-103.759064
BS 13	N 32.423554	W-103.759018
BS 14	N 32.423551	W-103.758974
BS 15	N 32.423546	W-103.758927
BS 16	N 32.423544	W-103.758889
BS 17	N 32.423544	W-103.758840
BS 18	N 32.423547	W-103.758797
BS 19	N 32.423552	W-103.758739
BS 20	N 32.423550	W-103.758675
BS 21	N 32.423549	W-103.758614
BS 22	N 32.423546	W-103.758569
BS 23	N 32.423594	W-103.758487
BS 24	N 32.423587	W-103.758545
BS 25	N 32.423584	W-103.75599
BS 26	N 32.423580	W-103.758640
BS 27	N 32.423580	W-103.758694
BS 28	N 32.423577	W-103.758740
BS 29	N 32.423583	W-103.758798
BS 30	N 32.423580	W-103.758838
BS 31	N 32.423579	W-103.758883
BS 32	N 32.423579	W-103.758930
BS 33	N 32.423579	W-103.758976
BS 34	N 32.423578	W-103.759023
BS 35	N 32.423580	W-103.759063
BS 36	N 32.423582	W-103.759092
BS 37	N 32.423581	W-103.759120
BS 38	N 32.423584	W-103.759149
BS 39	N 32.423611	W-103.759106
BS 40	N 32.423609	W-103.759106
BS 41	N 32.423609	W-103.759070
BS 42	N 32.423609	W-103.759026
BS 43	N 32.423607	W-103.758974
BS 44	N 32.423606	W-103.758929
BS 45	N 32.423605	W-103.758871

BS 46	N 32.423615	W-103.758810
BS 47	N 32.423616	W-103.758759
BS 48	N 32.423617	W-103.758695
BS 49	N 32.423617	W-103.758649
BS 50	N 32.423618	W-103.758591
BS 51	N 32.423618	W-103.758537
BS 52	N 32.423620	W-103.758479
BS 53	N 32.423621	W-103.758427
BS 54	N 32.423667	W-103.758423
BS 55	N 32.423664	W-103.758485
BS 56	N 32.423664	W-103.758546
BS 57	N 32.423663	W-103.758610
BS 58	N 32.423665	W-103.758658
BS 59	N 32.423665	W-103.758700
BS 60	N 32.423663	W-103.758743
BS 61	N 32.423661	W-103.758793
BS 62	N 32.423659	W-103.758857
BS 63	N 32.423657	W-103.758907
BS 64	N 32.423655	W-103.758973
BS 65	N 32.423654	W-103.759024
BS 66	N 32.423651	W-103.759080
BS 67	N 32.423652	W-103.759119
BS 68	N 32.423652	W-103.759152
BS 69	N 32.423658	W-103.759197
BS 70	N 32.423708	W-103.759269
BS 71	N 32.423708	W-103.759221
BS 72	N 32.423707	W-103.759177
BS 73	N 32.423707	W-103.759127
BS 74	N 32.423705	W-103.759085
BS 75	N 32.423705	W-103.759043
BS 76	N 32.423706	W-103.758999
BS 77	N 32.423707	W-103.758956
BS 78	N 32.423708	W-103.758907
BS 79	N 32.423709	W-103.758863
BS 80	N 32.423709	W-103.758813
BS 81	N 32.423713	W-103.758747
BS 82	N 32.423713	W-103.758708
BS 83	N 32.423713	W-103.758647
BS 84	N 32.423712	W-103.758580
BS 85	N 32.423711	W-103.758518
BS 86	N 32.423712	W-103.758468
BS 87	N 32.423714	W-103.758434
BS 88	N 32.423766	W-103.758481
BS 89	N 32.423760	W-103.758511
BS 90	N 32.423756	W-103.758558
BS 91	N 32.423753	W-103.758596
BS 92	N 32.423749	W-103.758652

BS 93	N 32.423751	W-103.758695
BS 94	N 32.423750	W-103.758744
BS 95	N 32.423749	W-103.758779
BS 96	N 32.423746	W-103.758822
BS 97	N 32.423748	W-103.758899
BS 98	N 32.423750	W-103.758958
BS 99	N 32.423750	W-103.758999
BS 100	N 32.423748	W-103.759045
BS 101	N 32.423746	W-103.759094
BS 102	N 32.423745	W-103.759145
BS 103	N 32.423745	W-103.759191
BS 104	N 32.423744	W-103.759231
BS 105	N 32.423743	W-103.759271
BS 106	N 32.423738	W-103.759307
BS 107	N 32.423743	W-103.759338
BS 108	N 32.423743	W-103.759378
BS 109	N 32.423743	W-103.759426
BS 110	N 32.423779	W-103.759437
BS 111	N 32.423780	W-103.759378
BS 112	N 32.423779	W-103.759330
BS 113	N 32.423780	W-103.759302
BS 114	N 32.423780	W-103.759272
BS 115	N 32.423780	W-103.759229
BS 116	N 32.423781	W-103.759202
BS 117	N 32.423780	W-103.759154
BS 118	N 32.423780	W-103.759100
BS 119	N 32.423782	W-103.759057
BS 120	N 32.423782	W-103.759018
BS 121	N 32.423783	W-103.758963
BS 122	N 32.423782	W-103.758903
BS 123	N 32.423782	W-103.758834
BS 124	N 32.423780	W-103.758783
BS 125	N 32.423780	W-103.758729
BS 126	N 32.423784	W-103.758693
BS 127	N 32.423784	W-103.758648
BS 128	N 32.423783	W-103.758598
BS 129	N 32.423783	W-103.758559
BS 130	N 32.423786	W-103.758513
BS 131	N 32.423788	W-103.758487
BS 132	N 32.423826	W-103.758503
BS 133	N 32.423825	W-103.758536
BS 134	N 32.423825	W-103.758578
BS 135	N 32.423823	W-103.758622
BS 136	N 32.423827	W-103.758670
BS 137	N 32.423825	W-103.758707
BS 138	N 32.423824	W-103.758743
BS 139	N 32.423823	W-103.758784

BS 140	N 32.423824	W-103.758818
BS 141	N 32.423824	W-103.758858
BS 142	N 32.423823	W-103.758914
BS 143	N 32.423824	W-103.758948
BS 144	N 32.423821	W-103.759003
BS 145	N 32.423824	W-103.759059
BS 146	N 32.423825	W-103.759117
BS 147	N 32.423825	W-103.759161
BS 148	N 32.423824	W-103.759201
BS 149	N 32.423823	W-103.759238
BS 150	N 32.423821	W-103.759281
BS 151	N 32.423821	W-103.759320
BS 152	N 32.423822	W-103.759376
BS 153	N 32.423824	W-103.759440
BS 154	N 32.423866	W-103.759199
BS 155	N 32.423866	W-103.759135
BS 156	N 32.423864	W-103.759105
BS 157	N 32.423866	W-103.759067
BS 158	N 32.423866	W-103.759010
BS 159	N 32.423863	W-103.758955
BS 160	N 32.423862	W-103.758884
BS 161	N 32.423862	W-103.758819
BS 162	N 32.423901	W-103.758817
BS 163	N 32.423898	W-103.758863
BS 164	N 32.423897	W-103.758911
BS 165	N 32.423896	W-103.758969
BS 166	N 32.423895	W-103.759021
BS 167	N 32.423892	W-103.759048
BS 168	N 32.423893	W-103.759100
BS 169	N 32.423889	W-103.759135
BS 170	N 32.423887	W-103.759188
BS 171	N 32.423918	W-103.759178
BS 172	N 32.423918	W-103.759117
BS 173	N 32.423916	W-103.759058
BS 174	N 32.423918	W-103.759024
BS 175	N 32.423919	W-103.758990
BS 176	N 32.423922	W-103.758951
BS 177	N 32.423921	W-103.758881
BS 178	N 32.423920	W-103.758820
BS 179	N 32.423953	W-103.758819
BS 180	N 32.423951	W-103.758867
BS 181	N 32.423949	W-103.758917
BS 182	N 32.423949	W-103.758957
BS 183	N 32.423947	W-103.759015
BS 184	N 32.423944	W-103.759061
BS 185	N 32.424001	W-103.758819
BS 186	N 32.423998	W-103.758868

BS 187	N 32.423994	W-103.758917
BS 188	N 32.423995	W-103.758987
BS 189	N 32.424003	W-103.759067
BS 190	N 32.424005	W-103.759133
BS 191	N 32.424005	W-103.759194
BS 192	N 32.424004	W-103.759266
BS 193	N 32.424002	W-103.759334
BS 194	N 32.424027	W-103.759393
BS 195	N 32.424029	W-103.759328
BS 196	N 32.424032	W-103.759262
BS 197	N 32.424033	W-103.759199
BS 198	N 32.424031	W-103.759138
BS 199	N 32.424032	W-103.759071
BS 200	N 32.424032	W-103.759009
BS 201	N 32.424030	W-103.758950
BS 202	N 32.424030	W-103.758895
BS 203	N 32.424032	W-103.758834
BS 204	N 32.424058	W-103.758828
BS 205	N 32.424058	W-103.758893
BS 206	N 32.424056	W-103.758951
BS 207	N 32.424056	W-103.759010
BS 208	N 32.424055	W-103.759071
BS 209	N 32.424052	W-103.759137
BS 210	N 32.424052	W-103.759199
BS 211	N 32.424053	W-103.759263
BS 212	N 32.424050	W-103.759328
BS 213	N 32.424049	W-103.759395
BS 214	N 32.424076	W-103.759372
BS 215	N 32.424088	W-103.759298
BS 216	N 32.424078	W-103.759226
BS 217	N 32.424072	W-103.759152
BS 218	N 32.424069	W-103.759074
BS 219	N 32.424073	W-103.759009
BS 220	N 32.424081	W-103.758954
BS 221	N 32.424097	W-103.758896
BS 222	N 32.424116	W-103.758866
BS 223	N 32.424103	W-103.758822

SIDEWALL SAMPLES

SW 1	N 32.42110	W-103.758906
SW 2	N 32.424109	W-103.759233
SW 3	N 32.423995	W-103.759218
SW 4	N 32.423836	W-103.759299
SW 5	N 32.423710	W-103.759323
SW 6	N 32.423536	W-103.759124
SW 7	N 32.423495	W-103.758910

SW 8	N 32.423494	W-103.758686
SW 9	N 32.423598	W-103.758435
SW 10	N 32.423754	W-103.758451
SW 11	N 32.423856	W-103.758618
SW 12	N 32.423937	W-103.758798

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	Sample ID	BS 56@1'	BS 57@1'	BS 58@1'	BS 59@1'	BS 60@1'	BS 61@1'	BS 62@1'	BS 63@1'	BS 64@1'	BS 65@1'	BS 66@1'	BS 67@1'	BS 68@1'	BS 69@1'	BS 70@1'	BS 71@1'	BS 72@1'	BS 73@1'
Analyte	Date	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23	8/31/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0	<16.0	32.0	16.0	16.0	16.0	32.0	16.0	32.0	16.0	16.0	32.0	16.0	16.0	16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 74@1'	BS 75@1'	BS 76@1'	BS 77@1'	BS 78@1'	BS 79@1'	BS 80@1'	BS 81@1'	BS 82@1'	BS 83@1'	BS 84@1'	BS 85@1'	BS 86@1'	BS 87@1'	BS 88@1'	BS 89@1'	BS 90@1'	BS 91@1'
Analyte	Date	8/31/23	8/31/23	8/31/23	9/1/23	9/1/23	9/1/23	9/1/23	9/1/23	9/1/23	9/1/23	9/1/23	9/1/23	9/1/23	9/1/23	9/1/23	9/1/23	9/1/23	9/1/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	16.0	32.0	16.0	16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

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	Sample ID	BS 199@1'	BS 200@1'	BS 201@1'	BS 202@1'	BS 203@1'	BS 204@1'	BS 205@1'	BS 206@1'	BS 207@1'	BS 208@1'	BS 209@1'	BS 210@1'	BS 211@1'	BS 212@1'	BS 213@1'	BS 214@1'	BS 215@1'	BS 216@1'
Analyte	Date	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23	9/12/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 217@1'	BS 218@1'	BS 219@1'	BS 220@1'	BS 221@1'	BS 222@1'	BS 223@1'
Analyte	Date	9/12/23	9/12/23	9/12/23	9/12/23	9/13/23	9/13/23	9/13/23
		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
Toluene		<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
Total Xylenes		<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
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<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
EXT DRO		<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
Analyte	Date	9/13/23	9/13/23	9/13/23	9/13/23	9/13/23	9/13/23	9/13/23	9/13/23	9/13/23	9/13/23	9/13/23	9/13/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	32.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
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
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



OXY-LOST TANK 3-25 SWD FACILITY (3/1/17,5/15/17,6/21/17)





OXY-LOST TANK 3-25 SWD FACILITY (3/1/17,5/15/17,6/21/17)





OXY-LOST TANK 3-25 SWD FACILITY (3/1/17,5/15/17,6/21/17)





OXY-LOST TANK 3-25 SWD FACILITY (3/1/17,5/15/17,6/21/17)





OXY-LOST TANK 3-25 SWD FACILITY (3/1/17,5/15/17,6/21/17)





OXY-LOST TANK 3-25 SWD FACILITY (3/1/17,5/15/17,6/21/17)





OXY-LOST TANK 3-25 SWD FACILITY (3/1/17,5/15/17,6/21/17)





OXY-LOST TANK 3-25 SWD FACILITY (3/1/17,5/15/17,6/21/17)





OXY-LOST TANK 3-25 SWD FACILITY (3/1/17,5/15/17,6/21/17)





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

September 07, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: OXY-LOST TANK 3-25 SWD (6/21/17)

Enclosed are the results of analyses for samples received by the laboratory on 09/05/23 16:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H234803-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.90	94.8	2.00	1.20		
Toluene*	<0.050	0.050	09/06/2023	ND	1.93	96.3	2.00	1.70		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.09	104	2.00	0.241		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.25	104	6.00	0.0861		
Total BTEX	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	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	09/06/2023	ND	208	104	200	3.47	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	196	98.2	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 2 @ 1' (H234803-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.90	94.8	2.00	1.20		
Toluene*	<0.050	0.050	09/06/2023	ND	1.93	96.3	2.00	1.70		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.09	104	2.00	0.241		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.25	104	6.00	0.0861		
Total BTEX	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	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	09/06/2023	ND	208	104	200	3.47	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	196	98.2	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H234803-03)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.90	94.8	2.00	1.20		
Toluene*	<0.050	0.050	09/06/2023	ND	1.93	96.3	2.00	1.70		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.09	104	2.00	0.241		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.25	104	6.00	0.0861		
Total BTX	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	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	09/06/2023	ND	208	104	200	3.47	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	196	98.2	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H234803-04)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTX	<0.300	0.300	09/06/2023	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	09/06/2023	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	09/06/2023	ND	208	104	200	3.47	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	196	98.2	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H234803-05)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEX	<0.300	0.300	09/06/2023	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	09/06/2023	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	09/06/2023	ND	208	104	200	3.47	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	196	98.2	200	1.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 6 @ 1' (H234803-06)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTX	<0.300	0.300	09/06/2023	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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 7 @ 1' (H234803-07)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTX	<0.300	0.300	09/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 8 @ 1' (H234803-08)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTX	<0.300	0.300	09/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 9 @ 1' (H234803-09)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTX	<0.300	0.300	09/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 10 @ 1' (H234803-10)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTX	<0.300	0.300	09/06/2023	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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H234803-11)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEx	<0.300	0.300	09/06/2023	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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H234803-12)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEX	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 13 @ 1' (H234803-13)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEx	<0.300	0.300	09/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 14 @ 1' (H234803-14)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEx	<0.300	0.300	09/06/2023	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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 15 @ 1' (H234803-15)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 16 @ 1' (H234803-16)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEX	<0.300	0.300	09/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49		
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262		
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND						

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 17 @ 1' (H234803-17)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEx	<0.300	0.300	09/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 18 @ 1' (H234803-18)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEx	<0.300	0.300	09/06/2023	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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 19 @ 1' (H234803-19)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEx	<0.300	0.300	09/06/2023	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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 20 @ 1' (H234803-20)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 21 @ 1' (H234803-21)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEX	<0.300	0.300	09/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 22 @ 1' (H234803-22)

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	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 23 @ 1' (H234803-23)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.97	98.3	2.00	0.748		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	97.2	2.00	0.142		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.04	102	2.00	0.284		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.06	101	6.00	0.809		
Total BTX	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 24 @ 1' (H234803-24)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTX	<0.300	0.300	09/06/2023	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	32.0	16.0	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 25 @ 1' (H234803-25)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	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	16.0	16.0	09/06/2023	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	09/06/2023	ND	216	108	200	1.49	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	210	105	200	0.262	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 26 @ 1' (H234803-26)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 27 @ 1' (H234803-27)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 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:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 28 @ 1' (H234803-28)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	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	32.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 98.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 29 @ 1' (H234803-29)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 30 @ 1' (H234803-30)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 31 @ 1' (H234803-31)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 32 @ 1' (H234803-32)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 33 @ 1' (H234803-33)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 34 @ 1' (H234803-34)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEX	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 35 @ 1' (H234803-35)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46	
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76	
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23	
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275	
Total BTX	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 99.3 % 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:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 36 @ 1' (H234803-36)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEX	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855		
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166		
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND						

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 37 @ 1' (H234803-37)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEX	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/30/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 38 @ 1' (H234803-38)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEX	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 39 @ 1' (H234803-39)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	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	16.0	16.0	09/06/2023	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	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 96.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 40 @ 1' (H234803-40)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEX	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 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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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 41 @ 1' (H234803-41)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 42 @ 1' (H234803-42)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 43 @ 1' (H234803-43)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.02	101	2.00	2.46		
Toluene*	<0.050	0.050	09/06/2023	ND	1.95	97.6	2.00	2.76		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	1.23		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	5.97	99.5	6.00	0.275		
Total BTEX	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 44 @ 1' (H234803-44)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 45 @ 1' (H234803-45)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	199	99.6	200	0.855	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	197	98.7	200	0.166	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 46 @ 1' (H234803-46)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 47 @ 1' (H234803-47)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 48 @ 1' (H234803-48)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 49 @ 1' (H234803-49)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 50 @ 1' (H234803-50)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 51 @ 1' (H234803-51)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 52 @ 1' (H234803-52)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 53 @ 1' (H234803-53)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 54 @ 1' (H234803-54)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 97.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 55 @ 1' (H234803-55)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 56 @ 1' (H234803-56)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 94.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 57 @ 1' (H234803-57)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 58 @ 1' (H234803-58)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 94.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 59 @ 1' (H234803-59)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	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	<16.0	16.0	09/06/2023	ND	464	116	400	7.14		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 60 @ 1' (H234803-60)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	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	32.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 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:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 61 @ 1' (H234803-61)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/07/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/07/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 62 @ 1' (H234803-62)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	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	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/07/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/07/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 63 @ 1' (H234803-63)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	1.93	96.5	2.00	2.07		
Toluene*	<0.050	0.050	09/06/2023	ND	1.96	98.2	2.00	1.77		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.10	105	2.00	2.54		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.30	105	6.00	1.44		
Total BTEx	<0.300	0.300	09/06/2023	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	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/07/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/07/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 64 @ 1' (H234803-64)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/07/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/07/2023	ND					

Surrogate: 1-Chlorooctane 94.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 65 @ 1' (H234803-65)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	2.37	
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	96.9	2.00	2.41	
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.00	100	2.00	2.17	
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.01	100	6.00	2.36	
Total BTEx	<0.300	0.300	09/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2023	ND	210	105	200	3.46	
DRO >C10-C28*	<10.0	10.0	09/07/2023	ND	215	108	200	9.49	
EXT DRO >C28-C36	<10.0	10.0	09/07/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 66 @ 1' (H234803-66)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/06/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/06/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/06/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/06/2023	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	32.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 67 @ 1' (H234803-67)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 68 @ 1' (H234803-68)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 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:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 69 @ 1' (H234803-69)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	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	32.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 70 @ 1' (H234803-70)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 71 @ 1' (H234803-71)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	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	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 72 @ 1' (H234803-72)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 73 @ 1' (H234803-73)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 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:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 74 @ 1' (H234803-74)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 75 @ 1' (H234803-75)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	08/31/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 76 @ 1' (H234803-76)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	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	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 77 @ 1' (H234803-77)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 78 @ 1' (H234803-78)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 79 @ 1' (H234803-79)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 80 @ 1' (H234803-80)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 81 @ 1' (H234803-81)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTX	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 82 @ 1' (H234803-82)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 83 @ 1' (H234803-83)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	2.01	100	2.00	2.37		
Toluene*	<0.050	0.050	09/07/2023	ND	1.94	96.9	2.00	2.41		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.00	100	2.00	2.17		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.01	100	6.00	2.36		
Total BTEx	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 49.1-148

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Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 84 @ 1' (H234803-84)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

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Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 85 @ 1' (H234803-85)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	194	96.9	200	0.0609	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	215	108	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/07/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 86 @ 1' (H234803-86)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/07/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/07/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 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

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

pg 1 of 9



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

pg 2 of 9

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST							
Project Manager: Cliff Brunson				P.O. #:											
Address: P.O. Box 805				Company: Oxy											
City: Hobbs				Attn:											
State: NM zip: 88241				Address:											
Phone #: 575-397-6388 Fax #: 575-397-0397				City:											
Project #:				State: Zip:											
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)				Phone #:											
Project Location: New Mexico				Fax #:											
Sampler Name: SIMON RENDON															
<small>FOR LAB USE ONLY</small>															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING			
H234803		BOTTOM SAMPLE 11 @ 1'		✓		✓		✓		✓		Chloride			
11		BOTTOM SAMPLE 12 @ 1'		✓		✓		✓		✓		BTEX			
12		BOTTOM SAMPLE 13 @ 1'		✓		✓		✓		✓		TPH EXT			
13		BOTTOM SAMPLE 14 @ 1'		✓		✓		✓		✓					
14		BOTTOM SAMPLE 15 @ 1'		✓		✓		✓		✓					
15		BOTTOM SAMPLE 16 @ 1'		✓		✓		✓		✓					
16		BOTTOM SAMPLE 17 @ 1'		✓		✓		✓		✓					
17		BOTTOM SAMPLE 18 @ 1'		✓		✓		✓		✓					
18		BOTTOM SAMPLE 19 @ 1'		✓		✓		✓		✓					
19		BOTTOM SAMPLE 20 @ 1'		✓		✓		✓		✓					
20															
<small>PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by 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 interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>															
Relinquished By: [Signature]				Date: 7-5-23				Received By: [Signature]				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
Relinquished By: [Signature]				Date: 7-5-23				Received By: [Signature]				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			
Delivered By: (Circle One) <input checked="" type="radio"/> H-O <input type="radio"/> S				Sample Condition				CHECKED BY: [Signature]							
Sampler - UPS - Bus - Other: #140				<input type="checkbox"/> Cool <input type="checkbox"/> Intact											
				<input type="checkbox"/> Yes <input type="checkbox"/> No											

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: OXY-LOST TANK 3-25 SWD (6/21/17) Project Location: New Mexico Sample Name: SIMON RENDON <small>FOR LAB USE ONLY</small>				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST							
Lab I.D. H334803				Sample I.D.											
BOTTOM SAMPLE 21 @1' BOTTOM SAMPLE 22 @1' BOTTOM SAMPLE 23 @1' BOTTOM SAMPLE 24 @1' BOTTOM SAMPLE 25 @1' BOTTOM SAMPLE 26 @1' BOTTOM SAMPLE 27 @1' BOTTOM SAMPLE 28 @1' BOTTOM SAMPLE 29 @1' BOTTOM SAMPLE 30 @1'				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				DATE TIME				Chloride BTEX TPH EXT			
8/30/23 11:34AM 8/30/23 11:45AM 8/30/23 11:56AM 8/30/23 12:43PM 8/30/23 12:56PM 8/30/23 1:10PM 8/30/23 1:22PM 8/30/23 1:34PM 8/30/23 1:48PM 8/30/23 2:04PM				✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓				✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓							
PLEASE NOTE: Liability and Damages: Contractor's liability and client's exclusive remedy for any claim arising from this contract or not shall be limited to the amount paid by the client for the service. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors, arising out of or related to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.								Relinquished By: [Signature] Date: 9-5-23 Time: 10:08 Received By: [Signature] Date: Time: Relinquished By: Date: Time:				Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> CHECKED BY: [Signature]			
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -11.0: #140								REMARKS: Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Fax #:							

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 4 of 4

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: Cliff Brunson				P.O. #:															
Address: P.O. Box 805				Company: Oxy															
City: Hobbs				Attn:															
State: NM Zip: 88241				Address:															
Phone #: 575-397-6388 Fax #: 575-397-0397				City:															
Project #:				State: Zip:															
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)				Phone #:															
Project Location: New Mexico				Fax #:															
Sample Name: SIMON RENDON																			
FOR LAB USE ONLY																			
Lab I.D.				Sample I.D.															
H234803				BOTTOM SAMPLE 31@1'															
31				BOTTOM SAMPLE 32@1'															
32				BOTTOM SAMPLE 33@1'															
33				BOTTOM SAMPLE 34@1'															
34				BOTTOM SAMPLE 35@1'															
35				BOTTOM SAMPLE 36@1'															
36				BOTTOM SAMPLE 37@1'															
37				BOTTOM SAMPLE 38@1'															
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 5 of 9

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		P.O. #:			
Address: P.O. Box 805		Company: Oxy			
City: Hobbs		Attn:			
State: NM Zip: 88241		Address:			
Phone #: 575-397-6388		City:			
Fax #: 575-397-0397		State:			
Project #: Project Owner: Oxy		Zip:			
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)		Phone #:			
Project Location: New Mexico		Fax #:			
Sampler Name: SIMON RENDON					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	BTEX	TPHEXT
4238503	BOTTOM SAMPLE 39@1'						8/31/23	7:47AM	✓	✓	✓
4238503	BOTTOM SAMPLE 40@1'						8/31/23	8:01AM	✓	✓	✓
4238503	BOTTOM SAMPLE 41@1'						8/31/23	8:12AM	✓	✓	✓
4238503	BOTTOM SAMPLE 42@1'						8/31/23	8:21AM	✓	✓	✓
4238503	BOTTOM SAMPLE 43@1'						8/31/23	8:33AM	✓	✓	✓
4238503	BOTTOM SAMPLE 44@1'						8/31/23	8:45AM	✓	✓	✓
4238503	BOTTOM SAMPLE 45@1'						8/31/23	8:57AM	✓	✓	✓
4238503	BOTTOM SAMPLE 46@1'						8/31/23	9:10AM	✓	✓	✓
4238503	BOTTOM SAMPLE 47@1'						8/31/23	9:21AM	✓	✓	✓
4238503	BOTTOM SAMPLE 48@1'						8/31/23	9:34AM	✓	✓	✓

Relinquished By: <i>[Signature]</i>	Date: 9-5-23	Received By: <i>[Signature]</i>	Date: 9-5-23
Time: 1:08	Time: 1:08	Time: 1:08	Time: 1:08

Delivered By: (Circle One)	Sample Condition	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Intact <input type="checkbox"/>	
	Yes <input type="checkbox"/> No <input type="checkbox"/>	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company: Oxy			
Address: P.O. Box 805		Attn:			
City: Hobbs		Address:			
State: NM Zip: 88241		City:			
Phone #: 575-397-6388		State:			
Fax #: 575-397-0397		Zip:			
Project #:		Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)			
Project Location: New Mexico		Phone #:			
Sample Name: SIMON RENDON		Fax #:			
FOR LAB USE ONLY		MATRIX		PRESERV	
Lab I.D.		Sample I.D.		SAMPLING	
1134803		(G)RAB OR (C)OMP.		DATE	
57 49		# CONTAINERS		TIME	
52 50		GROUNDWATER		✓	
53 51		WASTEWATER		✓	
54 52		SOIL		✓	
55 53		OIL		✓	
56 54		SLUDGE		✓	
57 55		OTHER :		✓	
58 56		ACID/BASE:		✓	
59 57		ICE / COOL		✓	
60 58		OTHER :		✓	
BOTTOM SAMPLE 49@1'		8/31/23		9:46AM	
BOTTOM SAMPLE 50@1'		8/31/23		9:55AM	
BOTTOM SAMPLE 51@1'		8/31/23		10:10AM	
BOTTOM SAMPLE 52@1'		8/31/23		10:18AM	
BOTTOM SAMPLE 53@1'		8/31/23		10:28AM	
BOTTOM SAMPLE 54@1'		8/31/23		10:40AM	
BOTTOM SAMPLE 55@1'		8/31/23		10:53AM	
BOTTOM SAMPLE 56@1'		8/31/23		11:06AM	
BOTTOM SAMPLE 57@1'		8/31/23		11:17AM	
BOTTOM SAMPLE 58@1'		8/31/23		11:29AM	
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Relinquished By: [Signature]		BTEX			
Time: 9:53		TPH EXT			
Date: 8/28					
Received By: [Signature]					
Time: [Blank]					
Delivered By: (Circle One)					
Sampler - UPS - Bus - Other: - 1100 #140					
Sample Condition					
Cool Intact					
Yes Yes					
No No					
CHECKED BY: [Signature]					
Phone Result: Yes No					
Fax Result: Yes No					
REMARKS:					



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: OXY-LOST TANK 3-25 SWD (6/21/17) Project Location: New Mexico Sample Name: SIMON RENDON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				BILL TO			
Lab I.D.				ANALYSIS REQUEST			
Sample I.D.				DATE			
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				MATRIX PRESERV SAMPLING			
BOTTOM SAMPLE 59@1' BOTTOM SAMPLE 60@1' BOTTOM SAMPLE 61@1' BOTTOM SAMPLE 62@1' BOTTOM SAMPLE 63@1' BOTTOM SAMPLE 64@1' BOTTOM SAMPLE 65@1' BOTTOM SAMPLE 66@1' BOTTOM SAMPLE 67@1' BOTTOM SAMPLE 68@1'				8/31/23 11:40AM 8/31/23 11:53AM 8/31/23 12:05PM 8/31/23 12:46PM 8/31/23 12:58PM 8/31/23 1:12PM 8/31/23 1:23PM 8/31/23 1:31PM 8/31/23 1:43PM 8/31/23 1:55PM			
Chloride BTEX TPHEXT				Yes No Add'l Phone #: Yes No Add'l Fax #:			

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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 interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or relating to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *Sanford* **Date:** 8/3/23

Relinquished By: *Sanford* **Date:** 8/3/23

Time: 10:28

Received By: *Skatkevich*

Date: 8/3/23

Time:

Delivered By: (Circle One) *-11.0*

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

Sample Condition: Cool ☒ Intact ☒ Yes ☐ No ☐ No ☐ No

CHECKED BY: *SK*

REMARKS:



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.					
Project Manager: Cliff Brunson					
Address: P.O. Box 805					
City: Hobbs State: NM Zip: 88241					
Phone #: 575-397-6388 Fax #: 575-397-0397					
Project #:					
Project Owner: Oxy					
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)					
Project Location: New Mexico					
Sample Name: SIMON RENDON					
Fax #:					
P.O. #:					
Company: Oxy					
Attn:					
Address:					
City:					
State: Zip:					
Phone #:					
Fax #:					
FOR LAB USE ONLY					
Lab I.D.		Sample I.D.			
(G)RAB OR (C)OMP.		# CONTAINERS			
GROUNDWATER		WASTEWATER			
SOIL		OIL			
SLUDGE		OTHER :			
ACID/BASE:		ICE / COOL			
OTHER :					
MATRIX	PRESERV.	SAMPLING	DATE	TIME	
BOTTOM SAMPLE 69@'1'			8/31/23	2:10PM	✓ Chloride
BOTTOM SAMPLE 70@'1'			8/31/23	2:22PM	✓ BTEX
BOTTOM SAMPLE 71@'1'			8/31/23	2:34PM	✓ TPHEXT
BOTTOM SAMPLE 72@'1'			8/31/23	2:48PM	✓
BOTTOM SAMPLE 73@'1'			8/31/23	3:07PM	✓
BOTTOM SAMPLE 74@'1'			8/31/23	3:20PM	✓
BOTTOM SAMPLE 75@'1'			8/31/23	3:32PM	✓
BOTTOM SAMPLE 76@'1'			8/31/23	3:44PM	✓
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Relinquished By:		Date: 8/5/23		Received By: Stockliqney	
Time: 10:28					
Date:					
Time:					
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -11.0 = #140		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: (Initials) SPK	
REMARKS:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			

Page 96 of 97



• CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: OXY-LOST TANK 3-25 SWD (6/21/17) Project Location: New Mexico Sample Name: SIMON RENDON P.O. #: Company: Oxy Attn: Address: City: State: Zip:				BILL TO ANALYSIS REQUEST			
PLEASE NOTE: Liability and Damages. Customer's liability and client's exclusive remedy for any claim arising from this contract or from 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 interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated remedies or otherwise.							
Relinquished By: <i>[Signature]</i> Relinquished By: <i>[Signature]</i> Date: <i>9/5/23</i> Time: <i>10:08</i> Received By: <i>[Signature]</i> Received By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:					
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool <input type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: <i>[Signature]</i>			
Lab I.D. <i>H234803</i> <i>58-77</i> <i>58-78</i> <i>58-79</i> <i>58-80</i> <i>58-81</i> <i>58-82</i> <i>58-83</i> <i>58-84</i> <i>58-85</i> <i>9/5/23</i>		Sample I.D. BOTTOM SAMPLE 77@1' BOTTOM SAMPLE 78@1' BOTTOM SAMPLE 79@1' BOTTOM SAMPLE 80@1' BOTTOM SAMPLE 81@1' BOTTOM SAMPLE 82@1' BOTTOM SAMPLE 83@1' BOTTOM SAMPLE 84@1' BOTTOM SAMPLE 85@1' BOTTOM SAMPLE 86@1'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME			
		MATRIX PRESERV SAMPLING		Chloride BTEX TPH EXT			



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

September 08, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: OXY-LOST TANK 3-25 SWD (6/21/17)

Enclosed are the results of analyses for samples received by the laboratory on 09/05/23 16:28.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 87 @ 1' (H234804-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEX	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/07/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/07/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/07/2023	ND					

Surrogate: 1-Chlorooctane 98.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 88 @ 1' (H234804-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 89 @ 1' (H234804-03)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTX	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 90 @ 1' (H234804-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 91 @ 1' (H234804-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 92 @ 1' (H234804-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 93 @ 1' (H234804-07)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 94 @ 1' (H234804-08)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTX	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	10.8	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.6 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 95 @ 1' (H234804-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 96 @ 1' (H234804-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 97 @ 1' (H234804-11)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 84.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 98 @ 1' (H234804-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEX	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 99 @ 1' (H234804-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	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	<16.0	16.0	09/06/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 100 @ 1' (H234804-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 86.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 101 @ 1' (H234804-15)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	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	32.0	16.0	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.5 % 49.1-148

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Analytical Results For:

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Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 102 @ 1' (H234804-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	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	16.0	16.0	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 103 @ 1' (H234804-17)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2023	ND	1.99	99.4	2.00	5.40		
Toluene*	<0.050	0.050	09/07/2023	ND	2.04	102	2.00	5.70		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.18	109	2.00	5.71		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.60	110	6.00	6.54		
Total BTEx	<0.300	0.300	09/07/2023	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	16.0	16.0	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 92.8 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 104 @ 1' (H234804-18)

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	09/07/2023	ND	1.99	99.3	2.00	0.981		
Toluene*	<0.050	0.050	09/07/2023	ND	2.07	104	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.09	104	2.00	1.13		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.21	103	6.00	1.52		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 105 @ 1' (H234804-19)

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	09/07/2023	ND	1.99	99.3	2.00	0.981		
Toluene*	<0.050	0.050	09/07/2023	ND	2.07	104	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.09	104	2.00	1.13		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.21	103	6.00	1.52		
Total BTEX	<0.300	0.300	09/07/2023	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	32.0	16.0	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	205	102	200	1.03	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	207	103	200	0.833	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.6 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 106 @ 1' (H234804-20)

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	09/07/2023	ND	1.99	99.3	2.00	0.981		
Toluene*	<0.050	0.050	09/07/2023	ND	2.07	104	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.09	104	2.00	1.13		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.21	103	6.00	1.52		
Total BTEx	<0.300	0.300	09/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	193	96.3	200	3.57	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	201	100	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 95.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 107 @ 1' (H234804-21)

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	09/07/2023	ND	1.99	99.3	2.00	0.981		
Toluene*	<0.050	0.050	09/07/2023	ND	2.07	104	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.09	104	2.00	1.13		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.21	103	6.00	1.52		
Total BTEx	<0.300	0.300	09/07/2023	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	32.0	16.0	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	193	96.3	200	3.57	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	201	100	200	1.22	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 108 @ 1' (H234804-22)

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	09/07/2023	ND	1.99	99.3	2.00	0.981		
Toluene*	<0.050	0.050	09/07/2023	ND	2.07	104	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.09	104	2.00	1.13		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.21	103	6.00	1.52		
Total BTEx	<0.300	0.300	09/07/2023	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	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	206	103	200	0.0889	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	209	104	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 109 @ 1' (H234804-23)

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	09/07/2023	ND	1.99	99.3	2.00	0.981		
Toluene*	<0.050	0.050	09/07/2023	ND	2.07	104	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.09	104	2.00	1.13		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.21	103	6.00	1.52		
Total BTEx	<0.300	0.300	09/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	206	103	200	0.0889	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	209	104	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 110 @ 1' (H234804-24)

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	09/07/2023	ND	1.99	99.3	2.00	0.981		
Toluene*	<0.050	0.050	09/07/2023	ND	2.07	104	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.09	104	2.00	1.13		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.21	103	6.00	1.52		
Total BTEx	<0.300	0.300	09/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	206	103	200	0.0889	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	209	104	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 111 @ 1' (H234804-25)

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	09/07/2023	ND	1.99	99.3	2.00	0.981		
Toluene*	<0.050	0.050	09/07/2023	ND	2.07	104	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.09	104	2.00	1.13		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.21	103	6.00	1.52		
Total BTEx	<0.300	0.300	09/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	206	103	200	0.0889	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	209	104	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 122 @ 1' (H234804-26)

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	09/07/2023	ND	1.99	99.3	2.00	0.981		
Toluene*	<0.050	0.050	09/07/2023	ND	2.07	104	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.09	104	2.00	1.13		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.21	103	6.00	1.52		
Total BTEx	<0.300	0.300	09/07/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	206	103	200	0.0889	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	209	104	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 113 @ 1' (H234804-27)

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	09/07/2023	ND	1.99	99.3	2.00	0.981		
Toluene*	<0.050	0.050	09/07/2023	ND	2.07	104	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.09	104	2.00	1.13		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.21	103	6.00	1.52		
Total BTEx	<0.300	0.300	09/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	206	103	200	0.0889	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	209	104	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/05/2023	Sampling Date:	09/01/2023
Reported:	09/08/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 114 @ 1' (H234804-28)

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	09/07/2023	ND	1.99	99.3	2.00	0.981		
Toluene*	<0.050	0.050	09/07/2023	ND	2.07	104	2.00	1.55		
Ethylbenzene*	<0.050	0.050	09/07/2023	ND	2.09	104	2.00	1.13		
Total Xylenes*	<0.150	0.150	09/07/2023	ND	6.21	103	6.00	1.52		
Total BTEx	<0.300	0.300	09/07/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	09/06/2023	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/06/2023	ND	206	103	200	0.0889	
DRO >C10-C28*	<10.0	10.0	09/06/2023	ND	209	104	200	2.27	
EXT DRO >C28-C36	<10.0	10.0	09/06/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

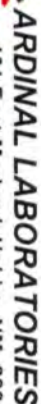
1 of 3

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST															
Project Manager: Cliff Brunson		P.O. #:																	
Address: P.O. Box 805		Company: Oxy																	
City: Hobbs		Attn:																	
State: NM		Zip: 88241																	
Phone #: 575-397-6388		Fax #: 575-397-0397																	
Project #:		Address:																	
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)		City:																	
Project Location: New Mexico		State:																	
Sample Name: SIMON RENDON		Phone #:																	
FOR LAB USE ONLY		Fax #:																	
Lab I.D. #34804		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING									
Sample I.D.																			
BOTTOM SAMPLE 87@1'		9/1/23		9:47AM		✓		Chloride											
BOTTOM SAMPLE 88 @1'		9/1/23		10:03AM		✓		BTEX											
BOTTOM SAMPLE 89@1'		9/1/23		10:14AM		✓													
BOTTOM SAMPLE 90@1'		9/1/23		10:27AM		✓													
BOTTOM SAMPLE 91@1'		9/1/23		10:40AM		✓													
BOTTOM SAMPLE 92@1'		9/1/23		10:53AM		✓													
BOTTOM SAMPLE 93@1'		9/1/23		11:07AM		✓													
BOTTOM SAMPLE 94@1'		9/1/23		11:19AM		✓													
BOTTOM SAMPLE 95@1'		9/1/23		11:31AM		✓													
BOTTOM SAMPLE 96@1'		9/1/23		11:43AM		✓													

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Relinquished By: [Signature]	Date: 9-5-23	Time: 10:48	Received By: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date:	Time:	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One)			Sample Condition:		
Sampler - UPS - Bus - Other:			Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: [Signature]

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 3

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

0
9
6

Company Name: BBC International, Inc.						P.O. #:					
Project Manager: Cliff Brunson						Company: Oxy					
Address: P.O. Box 805						Attn:					
City: Hobbs						State: NM Zip: 88241					
Phone #: 575-397-6388						Fax #: 575-397-0397					
Project #:						Project Owner: Oxy					
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)						City:					
Project Location: New Mexico						State: Zip:					
Sample Name: SIMON RENDON						Phone #:					
						Fax #:					
FOR LAB USE ONLY											
Lab I.D.			Sample I.D.			(G)RAB OR (C)OMP.		# CONTAINERS		DATE	
						GROUNDWATER				TIME	
						WASTEWATER					
						SOIL					
						OIL					
						SLUDGE					
						OTHER :					
						ACID/BASE:					
						ICE / COOL					
						OTHER :					
BOTTOM SAMPLE 107@1'			9/1/23			2:45PM					
BOTTOM SAMPLE 108@1'			9/1/23			2:56PM					
BOTTOM SAMPLE 109@1'			9/1/23			3:06PM					
BOTTOM SAMPLE 110@1'			9/1/23			3:14PM					
BOTTOM SAMPLE 111@1'			9/1/23			3:26PM					
BOTTOM SAMPLE 122@1'			9/1/23			3:37PM					
BOTTOM SAMPLE 113@1'			9/1/23			3:48PM					
BOTTOM SAMPLE 114@1'			9/1/23			4:02PM					
Chloride BTEX TPHEXT											



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

September 13, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: OXY-LOST TANK 3-25 SWD (6/21/17)

Enclosed are the results of analyses for samples received by the laboratory on 09/08/23 15:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 115 @ 1' (H234887-01)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTEX	<0.300	0.300	09/12/2023	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	32.0	16.0	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 116 @ 1' (H234887-02)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 117 @ 1' (H234887-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925	
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93	
Total BTEx	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 118 @ 1' (H234887-04)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.8 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 119 @ 1' (H234887-05)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 120 @ 1' (H234887-06)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 121 @ 1' (H234887-07)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 122 @ 1' (H234887-08)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925	
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93	
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 123 @ 1' (H234887-09)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925	
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93	
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 124 @ 1' (H234887-10)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925	
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93	
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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

Received:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 125 @ 1' (H234887-11)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86		
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55		
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 126 @ 1' (H234887-12)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925	
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93	
Total BTEx	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 127 @ 1' (H234887-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTEx	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 128 @ 1' (H234887-14)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTX	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 129 @ 1' (H234887-15)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925	
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93	
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 130 @ 1' (H234887-16)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925	
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93	
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 131 @ 1' (H234887-17)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	100	200	1.86	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	217	109	200	5.55	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 132 @ 1' (H234887-18)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 133 @ 1' (H234887-19)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	0.925		
Toluene*	<0.050	0.050	09/12/2023	ND	2.09	105	2.00	0.262		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.17		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.10	102	6.00	1.93		
Total BTX	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 134 @ 1' (H234887-20)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEX	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 106 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 135 @ 1' (H234887-21)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	ND	416	104	400	10.9		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 90.8 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 136 @ 1' (H234887-22)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 137 @ 1' (H234887-23)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 138 @ 1' (H234887-24)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 139 @ 1' (H234887-25)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 97.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 140 @ 1' (H234887-26)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 141 @ 1' (H234887-27)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 142 @ 1' (H234887-28)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 96.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 143 @ 1' (H234887-29)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 100 % 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:	09/08/2023	Sampling Date:	09/05/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 144 @ 1' (H234887-30)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 145 @ 1' (H234887-31)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEX	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59		
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45		
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND						

Surrogate: 1-Chlorooctane 56.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 55.5 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 146 @ 1' (H234887-32)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEX	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.3 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 147 @ 1' (H234887-33)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 69.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 148 @ 1' (H234887-34)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 149 @ 1' (H234887-35)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.6 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 150 @ 1' (H234887-36)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 151 @ 1' (H234887-37)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEX	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	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	09/12/2023	ND	189	94.6	200	4.59	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	4.45	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 152 @ 1' (H234887-38)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	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	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 153 @ 1' (H234887-39)

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	09/12/2023	ND	1.93	96.4	2.00	1.20		
Toluene*	<0.050	0.050	09/12/2023	ND	1.94	97.2	2.00	0.818		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	1.75		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.11	102	6.00	2.93		
Total BTEX	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	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	09/11/2023	ND	200	99.8	200	2.16		
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18		
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND						

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 154 @ 1' (H234887-40)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	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	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 155 @ 1' (H234887-41)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	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	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 49.1-148

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Analytical Results For:

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

Received:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 156 @ 1' (H234887-42)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 157 @ 1' (H234887-43)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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 Fax To: (575) 397-0397

Received:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 158 @ 1' (H234887-44)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTX	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 159 @ 1' (H234887-45)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 160 @ 1' (H234887-46)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 161 @ 1' (H234887-47)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 162 @ 1' (H234887-48)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 163 @ 1' (H234887-49)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 164 @ 1' (H234887-50)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 98.2 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 165 @ 1' (H234887-51)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 166 @ 1' (H234887-52)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEX	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 167 @ 1' (H234887-53)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.3 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 168 @ 1' (H234887-54)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 169 @ 1' (H234887-55)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 100 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 170 @ 1' (H234887-56)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 171 @ 1' (H234887-57)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	200	99.8	200	2.16	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	203	101	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 172 @ 1' (H234887-58)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 173 @ 1' (H234887-59)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	1.82	90.8	2.00	3.67		
Toluene*	<0.050	0.050	09/12/2023	ND	1.85	92.4	2.00	4.15		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.85	92.3	2.00	4.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.55	92.5	6.00	5.15		
Total BTEx	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 174 @ 1' (H234887-60)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 175 @ 1' (H234887-61)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 176 @ 1' (H234887-62)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 159 % 48.2-134

Surrogate: 1-Chlorooctadecane 180 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 177 @ 1' (H234887-63)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	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	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 178 @ 1' (H234887-64)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	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	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 179 @ 1' (H234887-65)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	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	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 130 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 180 @ 1' (H234887-66)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	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	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 181 @ 1' (H234887-67)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	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	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 127 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 182 @ 1' (H234887-68)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	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	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 183 @ 1' (H234887-69)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	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	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 184 @ 1' (H234887-70)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/12/2023	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	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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:	09/08/2023	Sampling Date:	09/06/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	OXY-LOST TANK 3-25 SWD (6/21/17)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NEW MEXICO		

Sample ID: BOTTOM SAMPLE 185 @ 1' (H234887-71)

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	09/12/2023	ND	1.90	95.0	2.00	3.75		
Toluene*	<0.050	0.050	09/12/2023	ND	2.13	106	2.00	7.25		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.26	113	2.00	7.76		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.79	113	6.00	6.02		
Total BTEx	<0.300	0.300	09/12/2023	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	<16.0	16.0	09/12/2023	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	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO				ANALYSIS REQUEST			
Company Name: BBC International, Inc.				P.O. #:			
Project Manager: Cliff Brunson				Company:	Oxy		
Address: P.O. Box 805				Attn:			
City: Hobbs				State: NM	Zip:	88241	
Phone #: 575-397-6388				Fax #:	575-397-0397		
Project #:				Project Owner: Oxy	City:		
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)				State:	Zip:		
Project Location: New Mexico				Phone #:			
Sample Name: SIMON RENDON				Fax #:			
FOR LAB USE ONLY							
Lab I.D. H234887		Sample I.D.		MATRIX	PRESERV	SAMPLING	
		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER			
				WASTEWATER			
				SOIL			
				OIL			
				SLUDGE			
				OTHER :			
				ACID/BASE:			
				ICE / COOL			
				OTHER :			
		DATE	TIME				
BOTTOM SAMPLE 115@1'		9/5/23	9:05AM	✓	Chloride		
BOTTOM SAMPLE 116@1'		9/5/23	9:16AM	✓	BTEX		
BOTTOM SAMPLE 117@1'		9/5/23	9:31AM	✓	TPHEXT		
BOTTOM SAMPLE 118@1'		9/5/23	9:42AM	✓			
BOTTOM SAMPLE 119@1'		9/5/23	9:51AM	✓			
BOTTOM SAMPLE 120@1'		9/5/23	10:04AM	✓			
BOTTOM SAMPLE 121@1'		9/5/23	10:15AM	✓			
BOTTOM SAMPLE 122@1'		9/5/23	10:28AM	✓			
BOTTOM SAMPLE 123@1'		9/5/23	10:40AM	✓			
BOTTOM SAMPLE 124@1'		9/5/23	10:52AM	✓			

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Relinquished By: <u>Hobbs Taz</u>		Date: <u>9/18</u>	Received By: <u>[Signature]</u>
Relinquished By: _____		Date: _____	Received By: _____

Delivered By: (Circle One) #140

Sampler - UPS - Bus - Other: -6.9c

Sample Condition:
Cool ☒ Intact ☒
Yes ☒ No ☐

CHECKED BY: [Signature] (Initials)

REMARKS:

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

Page 74 of 81



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: OXY-LOST TANK 3-25 SWD (6/21/17) Project Location: New Mexico Sample Name: SIMON RENDON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY							
Lab I.D. H234887		Sample I.D.		Matrix (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE TIME	
11 BOTTOM SAMPLE 125@1' 12 BOTTOM SAMPLE 126@1' 13 BOTTOM SAMPLE 127@1' 14 BOTTOM SAMPLE 128@1' 15 BOTTOM SAMPLE 129@1' 16 BOTTOM SAMPLE 130@1' 17 BOTTOM SAMPLE 131@1' 18 BOTTOM SAMPLE 132@1' 19 BOTTOM SAMPLE 133@1' 20 BOTTOM SAMPLE 134@1'				9/5/23 11:05AM 9/5/23 11:15AM 9/5/23 11:31AM 9/5/23 11:44AM 9/5/23 11:55AM 9/5/23 12:45PM 9/5/23 12:56PM 9/5/23 1:08PM 9/5/23 1:19PM 9/5/23 1:30PM		Chloride BTEX TPHEXT	
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Relinquished By: Hobbs Folz Date: 9/18 Time: 15:15 Date: Time:		Received By: Simon Rendón Date: Time:		REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> CHECKED BY: (Initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO										ANALYSIS REQUEST									
Company Name: BBC International, Inc.										P.O. #:									
Project Manager: Cliff Brunson										Company: Oxy									
Address: P.O. Box 805										Attn:									
City: Hobbs										Address:									
State: NM Zip: 88241										City:									
Phone #: 575-397-6388										State: Zip:									
Fax #: 575-397-0397										Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)									
Project #: Project Owner: Oxy										Project Location: New Mexico									
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)										Sample Name: SIMON RENDON									
Project Location: New Mexico										Fax #:									
Sample Name: SIMON RENDON										FOR LAB USE ONLY									
Lab I.D.										Sample I.D.									
H334887										30									
31										31									
32										32									
33										33									
34										34									
35										35									
36										36									
37										37									
38										38									
39										39									
40										40									
BOTTOM SAMPLE 135@1'										BOTTOM SAMPLE 135@1'									
BOTTOM SAMPLE 136@1'										BOTTOM SAMPLE 136@1'									
BOTTOM SAMPLE 137@1'										BOTTOM SAMPLE 137@1'									
BOTTOM SAMPLE 138@1'										BOTTOM SAMPLE 138@1'									
BOTTOM SAMPLE 139@1'										BOTTOM SAMPLE 139@1'									
BOTTOM SAMPLE 140@1'										BOTTOM SAMPLE 140@1'									
BOTTOM SAMPLE 141@1'										BOTTOM SAMPLE 141@1'									
BOTTOM SAMPLE 142@1'										BOTTOM SAMPLE 142@1'									
BOTTOM SAMPLE 143@1'										BOTTOM SAMPLE 143@1'									
BOTTOM SAMPLE 144@1'										BOTTOM SAMPLE 144@1'									
(G)RAB OR (C)OMP.										# CONTAINERS									
GROUNDWATER										WASTEWATER									
SOIL										SLUDGE									
OTHER :										ACID/BASE:									
ICE / COOL										OTHER :									
DATE										TIME									
9/5/23										1:43PM									
9/5/23										1:56PM									
9/5/23										2:10PM									
9/5/23										2:23PM									
9/5/23										2:36PM									
9/5/23										2:50PM									
9/5/23										3:03PM									
9/5/23										3:16PM									
9/5/23										3:30PM									
9/5/23										3:40PM									
Chloride										BTEX									
TPHEXT																			

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Relinquished By: Fabian Fdz Date: 9/18 Received By: Simon Rendón Date: 9/18

Time: 1515 Time: 1515

Delivered By: (Circle One) UPS 6.9c #140 Sample Condition: ☒ Intact ☐ Cool ☐ Yes ☐ No

Sampler - UPS - Bus - Other: 6.9c #140 CHECKED BY: ST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST									
Project Manager: Cliff Brunson		P.O. #:											
Address: P.O. Box 805		Company: Oxy											
City: Hobbs		Attn:											
State: NM Zip: 88241		Address:											
Phone #: 575-397-6388		City:											
Fax #: 575-397-0397		State:											
Project #: Project Owner: Oxy		Zip:											
Project Name: LOST TANK 3-25 SWD (6/21/17)		Phone #:											
Project Location: New Mexico		Fax #:											
Sampler Name: SIMON RENDON													
FOR LAB USE ONLY													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV		SAMPLING					
				GROUNDWATER									
				WASTEWATER									
				SOIL									
				OIL									
				SLUDGE									
				OTHER :									
				ACID/BASE:									
				ICE / COOL									
				OTHER :									
					DATE	TIME							
H234887	BOTTOM SAMPLE 145@1'		9		9/6/23	7:48AM							
31	BOTTOM SAMPLE 146@1'		1		9/6/23	8:02AM							
32	BOTTOM SAMPLE 147@1'				9/6/23	8:12AM							
33	BOTTOM SAMPLE 148@1'				9/6/23	8:21AM							
34	BOTTOM SAMPLE 149@1'				9/6/23	8:32AM							
35	BOTTOM SAMPLE 150@1'				9/6/23	8:40AM							
36	BOTTOM SAMPLE 151@1'				9/6/23	8:51AM							
37	BOTTOM SAMPLE 152@1'				9/6/23	9:02AM							
38	BOTTOM SAMPLE 153@1'				9/6/23	9:14AM							
39	BOTTOM SAMPLE 154@1'				9/6/23	9:25AM							
40	BOTTOM SAMPLE 154@1'												

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Relinquished By: <i>Simon Rendon</i>	Date: 9/18	Received By: <i>Tabian Fdz</i>	Date: 9/18	Time: 6:06
Relinquished By: <i>Simon Rendon</i>	Date: 9/18	Received By: <i>Tabian Fdz</i>	Date: 9/18	Time: 4:38
Delivered By: (Circle One) <i>Tabian Fdz</i>	Time: 15:15	Sample Condition: <i>Intact</i>	Checked By: <i>Tabian Fdz</i>	Time: 15:15
Sampler - UPS - Bus - Other: <i>- 6.96</i>				

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: LOST TANK 3-25 SWD (6/21/17) Project Location: New Mexico Sample Name: SIMON RENDON <small>FOR LAB USE ONLY</small>				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. H234887		Sample I.D.		DATE TIME			
41	BOTTOM SAMPLE 155@1'	(G)RAB OR (C)OMP.		9/6/23	9:35AM		
42	BOTTOM SAMPLE 156@1'	# CONTAINERS		9/6/23	9:47AM		
43	BOTTOM SAMPLE 157@1'	GROUNDWATER		9/6/23	10:03AM		
44	BOTTOM SAMPLE 158@1'	WASTEWATER		9/6/23	10:14AM		
45	BOTTOM SAMPLE 159@1'	SOIL		9/6/23	10:25AM		
46	BOTTOM SAMPLE 160@1'	OIL		9/6/23	10:35AM		
47	BOTTOM SAMPLE 161@1'	SLUDGE		9/6/23	10:46AM		
48	BOTTOM SAMPLE 162@1'	OTHER :		9/6/23	10:57AM		
49	BOTTOM SAMPLE 163@1'	ACID/BASE:		9/6/23	11:07AM		
50	BOTTOM SAMPLE 164@1'	ICE / COOL		9/6/23	11:18AM		
		OTHER :					

Relinquished By: Simon Rendón Date: 9/18 Received By: Fabian Fdz Date: 9/18 Time: 6:00 Relinquished By: Fabian Fdz Date: 9/18 Time: 1:30 Delivered By: (Circle One) Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Checked By: (Initials) REMARKS:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
--	--	--	--



101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST													
Project Manager: Cliff Brunson		P.O. #:															
Address: P.O. Box 805		Company: Oxy															
City: Hobbs		Attn:															
State: NM Zip: 88241		Address:															
Phone #: 575-397-6388 Fax #: 575-397-0397		City:															
Project #:		State:		Zip:													
Project Name: LOST TANK 3-25 SWD (6/21/17)		Phone #:															
Project Location: New Mexico		Fax #:															
Sampler Name: SIMON RENDON																	
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.			SAMPLING							
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	BTEX	TPH EXT
H23487	61 BOTTOM SAMPLE 175@1'	G	1										9/6/23	1:28PM	✓	✓	✓
	62 BOTTOM SAMPLE 176@1'												9/6/23	1:42PM	✓	✓	✓
	63 BOTTOM SAMPLE 177@1'												9/6/23	1:54PM	✓	✓	✓
	64 BOTTOM SAMPLE 178@1'												9/6/23	2:12PM	✓	✓	✓
	65 BOTTOM SAMPLE 179@1'												9/6/23	2:24PM	✓	✓	✓
	66 BOTTOM SAMPLE 180@1'												9/6/23	2:39PM	✓	✓	✓
	67 BOTTOM SAMPLE 181@1'												9/6/23	2:52PM	✓	✓	✓
	68 BOTTOM SAMPLE 182@1'												9/6/23	3:12PM	✓	✓	✓
	69 BOTTOM SAMPLE 183@1'												9/6/23	3:24PM	✓	✓	✓
	70 BOTTOM SAMPLE 184@1'												9/6/23	3:36PM	✓	✓	✓

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Relinquished By:	Date: 9/18	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By: Simon Rendón	Date: 9/18	Received By: Fabian Fdz	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:
Delivered By: (Circle One) Fabian Fdz	Time: 4:30 PM	Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials) <i>JS</i>
Sampler - UPS - Bus - Other: - Bus - Other	Time: 4:30 PM	Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	

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



ORDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: LOST TANK 3-25 SWD (6/21/17)

Project Location: New Mexico

Sampler Name: SIMON RENDON

State: NM **Zip:** 88241

Fax #: 575-397-0397

Project Owner: Oxy

Attn:

Address:

City:

State: **Zip:**

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	BTEX	TPH/EXT
H234887 71	BOTTOM SAMPLE 185@1'	G	1			✓					✓		9/6/23	1:28PM	✓	✓	✓

Relinquished By: *Simon Rendón* **Date:** 9/18 **Received By:** *Tobias* **Date:** 9/18

Time: 6:00 **Time:** 4:30

Delivered By: (Circle One) *UPS* **Sample Condition:** ☒ Intact ☐ Cool ☐ Yes ☐ No

Checked By: *TSB* **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

September 20, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: LOST TANK 3 - 25 SWD FACILITY

Enclosed are the results of analyses for samples received by the laboratory on 09/14/23 16:46.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 186 @ 1' (H234992-01)

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	09/16/2023	ND	1.85	92.5	2.00	0.0383		
Toluene*	<0.050	0.050	09/16/2023	ND	1.90	95.2	2.00	1.06		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.02	101	2.00	0.884		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.17	103	6.00	0.143		
Total BTEX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 187 @ 1' (H234992-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2023	ND	1.85	92.5	2.00	0.0383	
Toluene*	<0.050	0.050	09/16/2023	ND	1.90	95.2	2.00	1.06	
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.02	101	2.00	0.884	
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.17	103	6.00	0.143	
Total BTX	<0.300	0.300	09/16/2023	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	<16.0	16.0	09/15/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 188 @ 1' (H234992-03)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2023	ND	1.85	92.5	2.00	0.0383	
Toluene*	<0.050	0.050	09/16/2023	ND	1.90	95.2	2.00	1.06	
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.02	101	2.00	0.884	
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.17	103	6.00	0.143	
Total BTX	<0.300	0.300	09/16/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	09/15/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 189 @ 1' (H234992-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2023	ND	1.85	92.5	2.00	0.0383	
Toluene*	<0.050	0.050	09/16/2023	ND	1.90	95.2	2.00	1.06	
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.02	101	2.00	0.884	
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.17	103	6.00	0.143	
Total BTX	<0.300	0.300	09/16/2023	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	<16.0	16.0	09/15/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 190 @ 1' (H234992-05)

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	09/16/2023	ND	1.85	92.5	2.00	0.0383		
Toluene*	<0.050	0.050	09/16/2023	ND	1.90	95.2	2.00	1.06		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.02	101	2.00	0.884		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.17	103	6.00	0.143		
Total BTEx	<0.300	0.300	09/16/2023	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	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 191 @ 1' (H234992-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/16/2023	ND	1.85	92.5	2.00	0.0383	
Toluene*	<0.050	0.050	09/16/2023	ND	1.90	95.2	2.00	1.06	
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.02	101	2.00	0.884	
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.17	103	6.00	0.143	
Total BTX	<0.300	0.300	09/16/2023	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	<16.0	16.0	09/15/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 192 @ 1' (H234992-07)

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	09/16/2023	ND	1.85	92.5	2.00	0.0383		
Toluene*	<0.050	0.050	09/16/2023	ND	1.90	95.2	2.00	1.06		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.02	101	2.00	0.884		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.17	103	6.00	0.143		
Total BTEx	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 120 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 193 @ 1' (H234992-08)

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	09/16/2023	ND	1.85	92.5	2.00	0.0383		
Toluene*	<0.050	0.050	09/16/2023	ND	1.90	95.2	2.00	1.06		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.02	101	2.00	0.884		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.17	103	6.00	0.143		
Total BTEx	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 194 @ 1' (H234992-09)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 195 @ 1' (H234992-10)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 116 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 196 @ 1' (H234992-11)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 197 @ 1' (H234992-12)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	207	104	200	0.677	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	210	105	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 198 @ 1' (H234992-13)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	207	104	200	0.677	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	210	105	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 199 @ 1' (H234992-14)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	207	104	200	0.677	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	210	105	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 200 @ 1' (H234992-15)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	207	104	200	0.677	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	210	105	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 201 @ 1' (H234992-16)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	207	104	200	0.677	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	210	105	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 202 @ 1' (H234992-17)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTEx	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	207	104	200	0.677	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	210	105	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 203 @ 1' (H234992-18)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	207	104	200	0.677	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	210	105	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 204 @ 1' (H234992-19)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	207	104	200	0.677	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	210	105	200	1.20	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 205 @ 1' (H234992-20)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 134 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 206 @ 1' (H234992-21)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 207 @ 1' (H234992-22)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 208 @ 1' (H234992-23)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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Analytical Results For:

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

Received:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 209 @ 1' (H234992-24)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 74.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 210 @ 1' (H234992-25)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/15/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 211 @ 1' (H234992-26)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	199	99.5	200	3.77	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	204	102	200	3.81	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 212 @ 1' (H234992-27)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 213 @ 1' (H234992-28)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.87	93.3	2.00	1.60		
Toluene*	<0.050	0.050	09/16/2023	ND	1.95	97.4	2.00	1.78		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.00	99.8	2.00	1.41		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	5.60	93.3	6.00	1.71		
Total BTX	<0.300	0.300	09/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 214 @ 1' (H234992-29)

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	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTEx	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.9 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 215 @ 1' (H234992-30)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 49.1-148

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Analytical Results For:

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

Received:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 216 @ 1' (H234992-31)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 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
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 Fax To: (575) 397-0397

Received:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 217 @ 1' (H234992-32)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 52.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 218 @ 1' (H234992-33)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 70.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.4 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 219 @ 1' (H234992-34)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 63.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.8 % 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:	09/14/2023	Sampling Date:	09/12/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 220 @ 1' (H234992-35)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 221 @ 1' (H234992-36)

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	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTEx	<0.300	0.300	09/16/2023	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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 60.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.9 % 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:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 222 @ 1' (H234992-37)

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	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTEx	<0.300	0.300	09/16/2023	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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 68.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 223 @ 1' (H234992-38)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 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:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 1 (H234992-39)

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	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTEx	<0.300	0.300	09/16/2023	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	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 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:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 2 (H234992-40)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 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:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 3 (H234992-41)

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	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTEX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/15/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 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:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 4 (H234992-42)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/18/2023	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	09/15/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 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:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 5 (H234992-43)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/18/2023	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	09/15/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 145 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 6 (H234992-44)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	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	09/18/2023	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	09/18/2023	ND	184	91.9	200	4.67	
DRO >C10-C28*	<10.0	10.0	09/18/2023	ND	192	95.8	200	4.12	
EXT DRO >C28-C36	<10.0	10.0	09/18/2023	ND					

Surrogate: 1-Chlorooctane 53.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 54.5 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 7 (H234992-45)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/18/2023	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	09/15/2023	ND	202	101	200	2.50	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	226	113	200	0.797	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 8 (H234992-46)

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	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTEX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/18/2023	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	09/15/2023	ND	202	101	200	2.50	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	226	113	200	0.797	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 9 (H234992-47)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTX	<0.300	0.300	09/16/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/18/2023	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	09/15/2023	ND	202	101	200	2.50	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	226	113	200	0.797	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Analytical Results For:

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

Received:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 10 (H234992-48)

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	09/16/2023	ND	1.91	95.6	2.00	1.80		
Toluene*	<0.050	0.050	09/16/2023	ND	1.94	96.9	2.00	3.00		
Ethylbenzene*	<0.050	0.050	09/16/2023	ND	2.08	104	2.00	3.05		
Total Xylenes*	<0.150	0.150	09/16/2023	ND	6.26	104	6.00	2.96		
Total BTEx	<0.300	0.300	09/16/2023	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	09/18/2023	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	09/15/2023	ND	202	101	200	2.50	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	226	113	200	0.797	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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

Received:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 11 (H234992-49)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2023	ND	1.85	92.4	2.00	1.08		
Toluene*	<0.050	0.050	09/18/2023	ND	1.91	95.6	2.00	1.80		
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	1.92	96.2	2.00	0.837		
Total Xylenes*	<0.150	0.150	09/18/2023	ND	5.84	97.4	6.00	0.854		
Total BTEx	<0.300	0.300	09/18/2023	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	09/18/2023	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	09/15/2023	ND	202	101	200	2.50	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	226	113	200	0.797	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 49.1-148

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*=Accredited Analyte

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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:	09/14/2023	Sampling Date:	09/13/2023
Reported:	09/20/2023	Sampling Type:	Soil
Project Name:	LOST TANK 3 - 25 SWD FACILITY	Sampling Condition:	Cool & Intact
Project Number:	(6/21/17)	Sample Received By:	Shari Cisneros
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL 12 (H234992-50)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/18/2023	ND	1.85	92.4	2.00	1.08		
Toluene*	<0.050	0.050	09/18/2023	ND	1.91	95.6	2.00	1.80		
Ethylbenzene*	<0.050	0.050	09/18/2023	ND	1.92	96.2	2.00	0.837		
Total Xylenes*	<0.150	0.150	09/18/2023	ND	5.84	97.4	6.00	0.854		
Total BTEX	<0.300	0.300	09/18/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/18/2023	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	09/15/2023	ND	202	101	200	2.50	
DRO >C10-C28*	<10.0	10.0	09/15/2023	ND	226	113	200	0.797	
EXT DRO >C28-C36	<10.0	10.0	09/15/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 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

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 1 of 5

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Ps 2 of 5

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: LOST TANK 3-25 SWD FACILITY (6/21/17)

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.

H234992

11 BOTTOM SAMPLE 196@1'

12 BOTTOM SAMPLE 197@1'

13 BOTTOM SAMPLE 198@1'

14 BOTTOM SAMPLE 199@1'

15 BOTTOM SAMPLE 200@1'

16 BOTTOM SAMPLE 201@1'

17 BOTTOM SAMPLE 202@1'

18 BOTTOM SAMPLE 203@1'

19 BOTTOM SAMPLE 204@1'

20 BOTTOM SAMPLE 205@1'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

MATRIX

PRESERV

SAMPLING

DATE

TIME

Chloride
BTEX
TPH EXT

✓

✓

✓

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Relinquished By:

Date: 9-14-23

Time: 16:46

Date: 9-14-23

Time: 16:46

Received By:

Date: 9-14-23

Time: 16:46

Date: 9-14-23

Time: 16:46

Date: 9-14-23

Time: 16:46

Date: 9-14-23

Time: 16:46

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

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

Sample Condition

Cool Intact

Yes No

CHECKED BY:

(Initials)

IC

Phone Result:

Fax Result:

REMARKS:

Yes

No

Yes

No

Add'l Phone #:

Add'l Fax #:

Yes

No

Yes

No

Yes

No

Yes

No

Yes

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Yes

No

Yes

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Yes

No



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Ps 3 of 5

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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[illegible]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 5 of 5

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

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: LOST TANK 3-25 SWD FACILITY (6/21/17)

Project Location: New Mexico

Sample Name: SIMON RENDON

FOR LAB USE ONLY

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

BILL TO

ANALYSIS REQUEST

Lab I.D.

Sample I.D.

H23495a
41
42
43
44
45
46
47
48
49
50

SIDEWALL 3
SIDEWALL 4
SIDEWALL 5
SIDEWALL 6
SIDEWALL 7
SIDEWALL 8
SIDEWALL 9
SIDEWALL 10
SIDEWALL 11
SIDEWALL 12

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

MATRIX

PRESERV

SAMPLING

DATE TIME

9/13/23 9:29AM
9/13/23 9:42AM
9/13/23 9:55AM
9/13/23 10:04AM
9/13/23 10:16AM
9/13/23 10:28AM
9/13/23 10:40AM
9/13/23 10:51AM
9/13/23 11:04AM
9/13/23 11:16AM

Chloride
BTEX
TPH/EXT

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Relinquished By:

Received By:

Date: 9-14-23

Time:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: -12c

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

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

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

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

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

CONDITIONS

Action 273053

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 273053
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	10/18/2023