

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
District RP	
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Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1718027001
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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

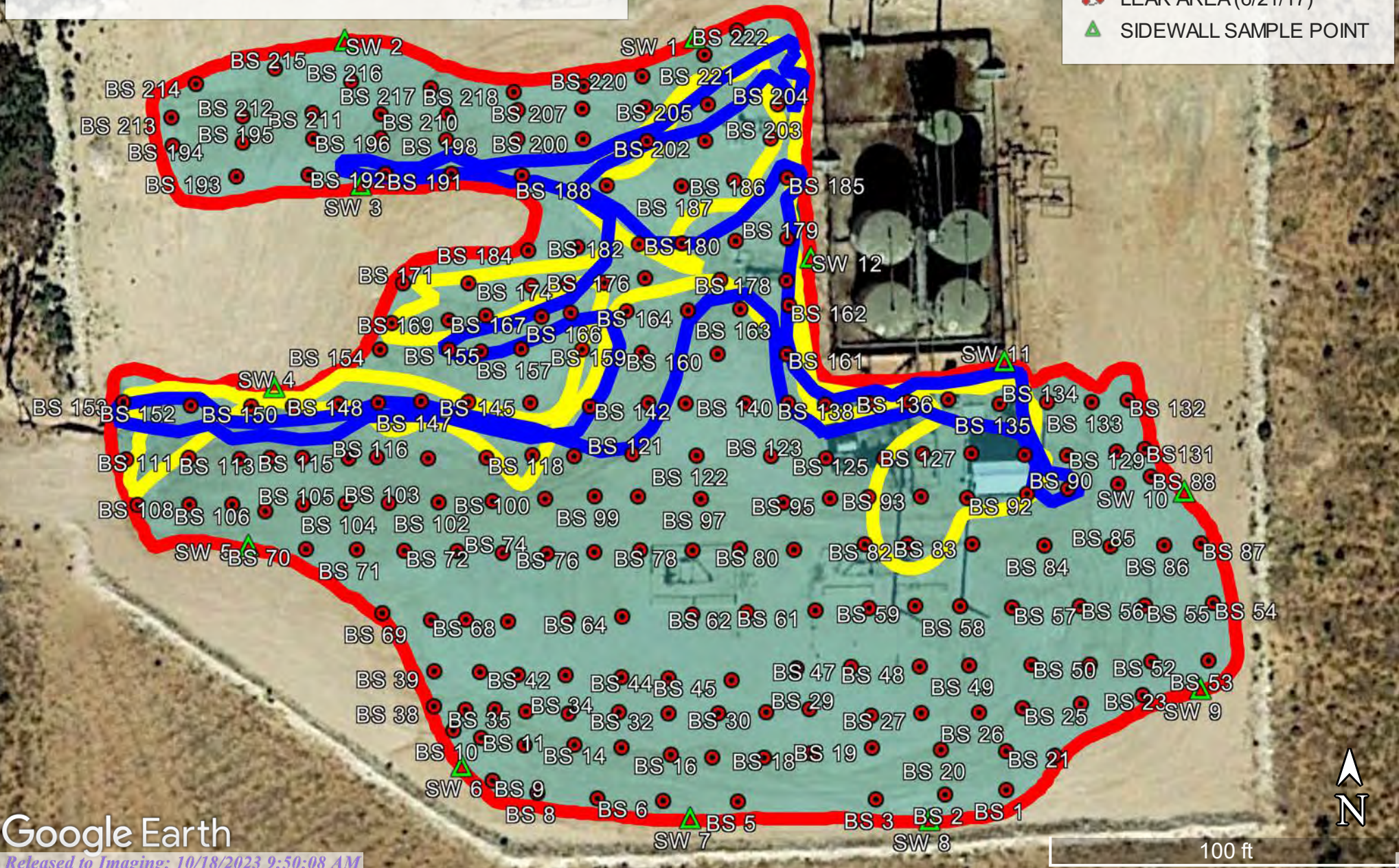
ID#: nAB1708235590 (3/1/17)

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

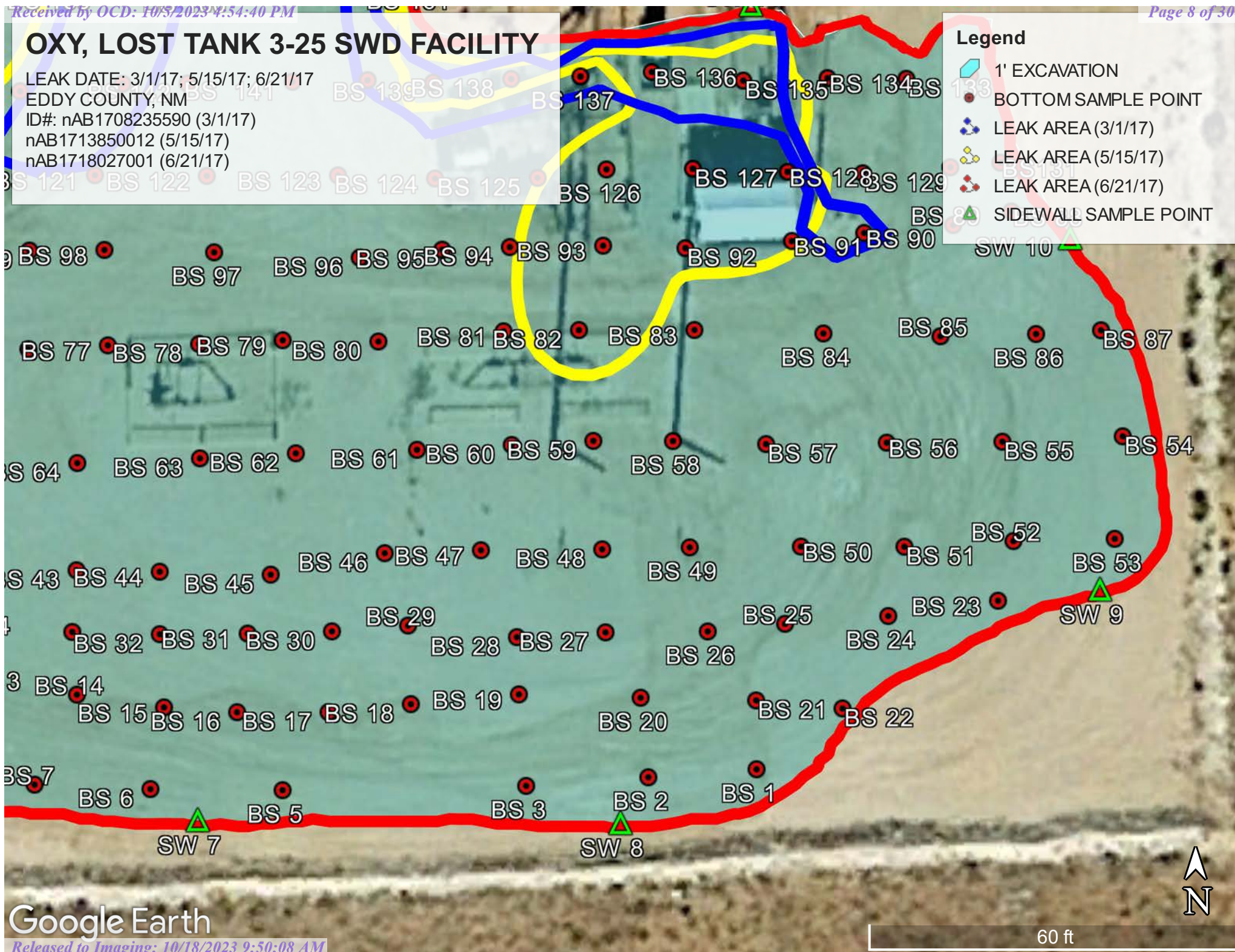


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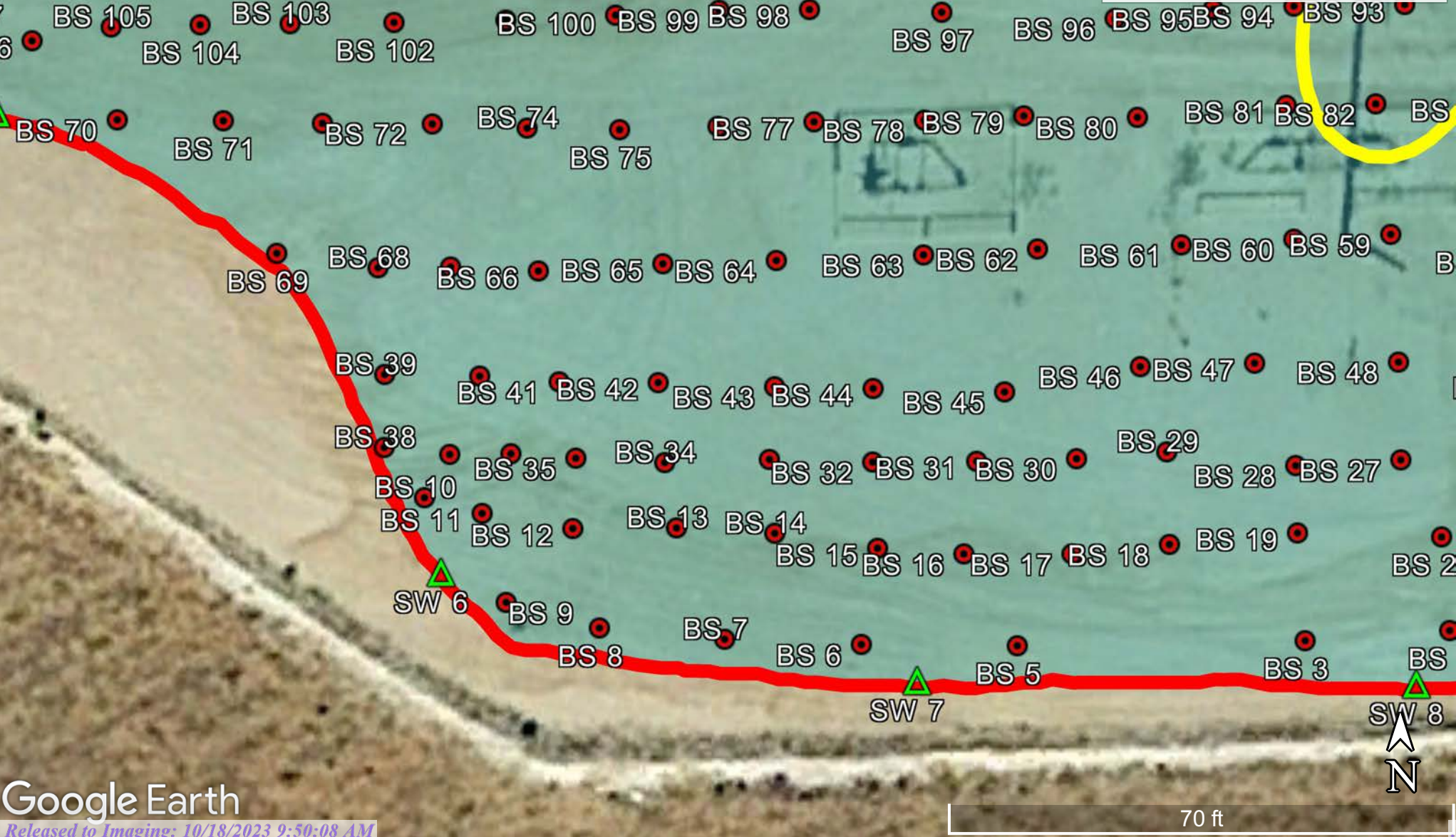
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 LEAK AREA (6/21/17)

 SIDEWALL SAMPLE POINT

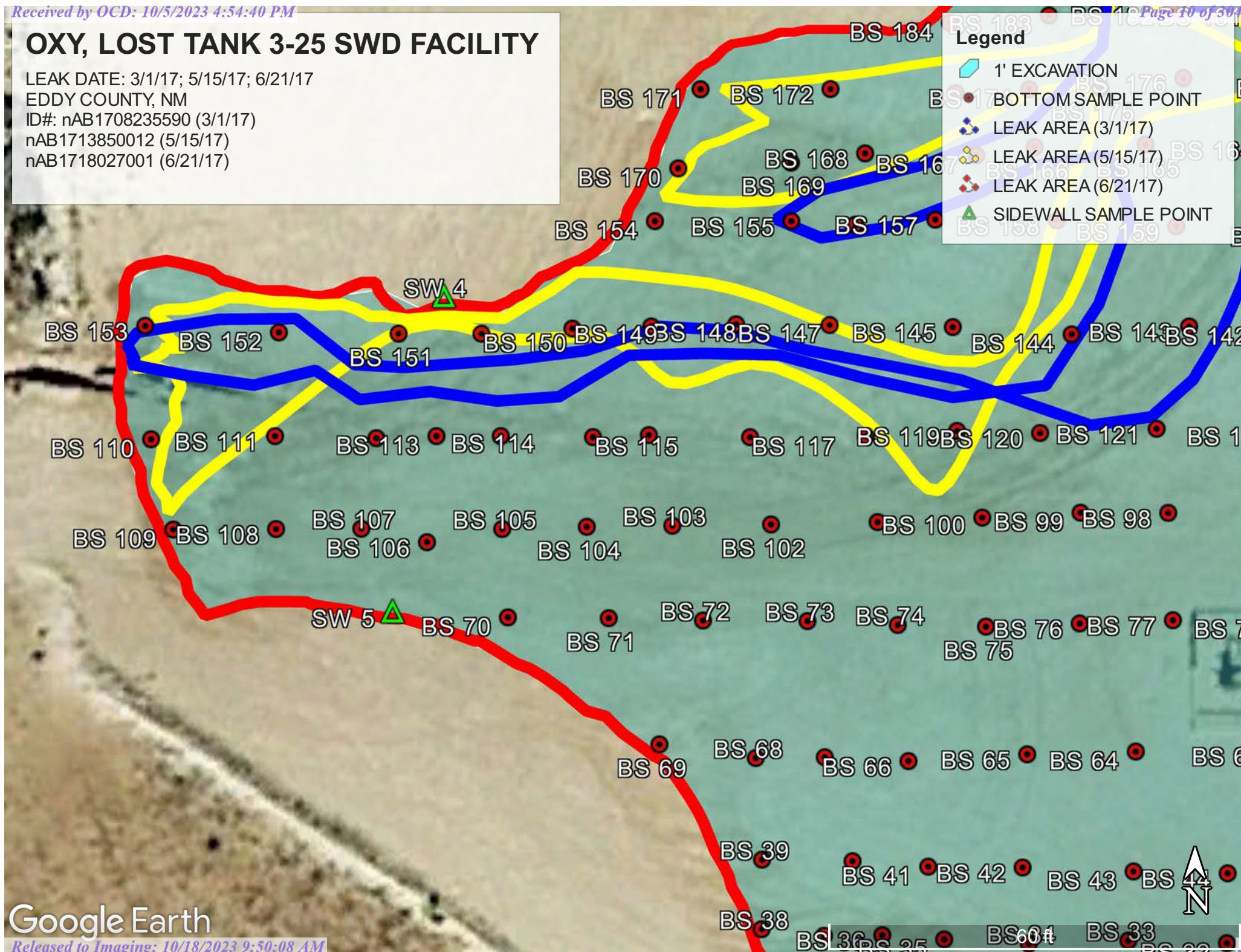


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Google Earth

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EDDY COUNTY, NM

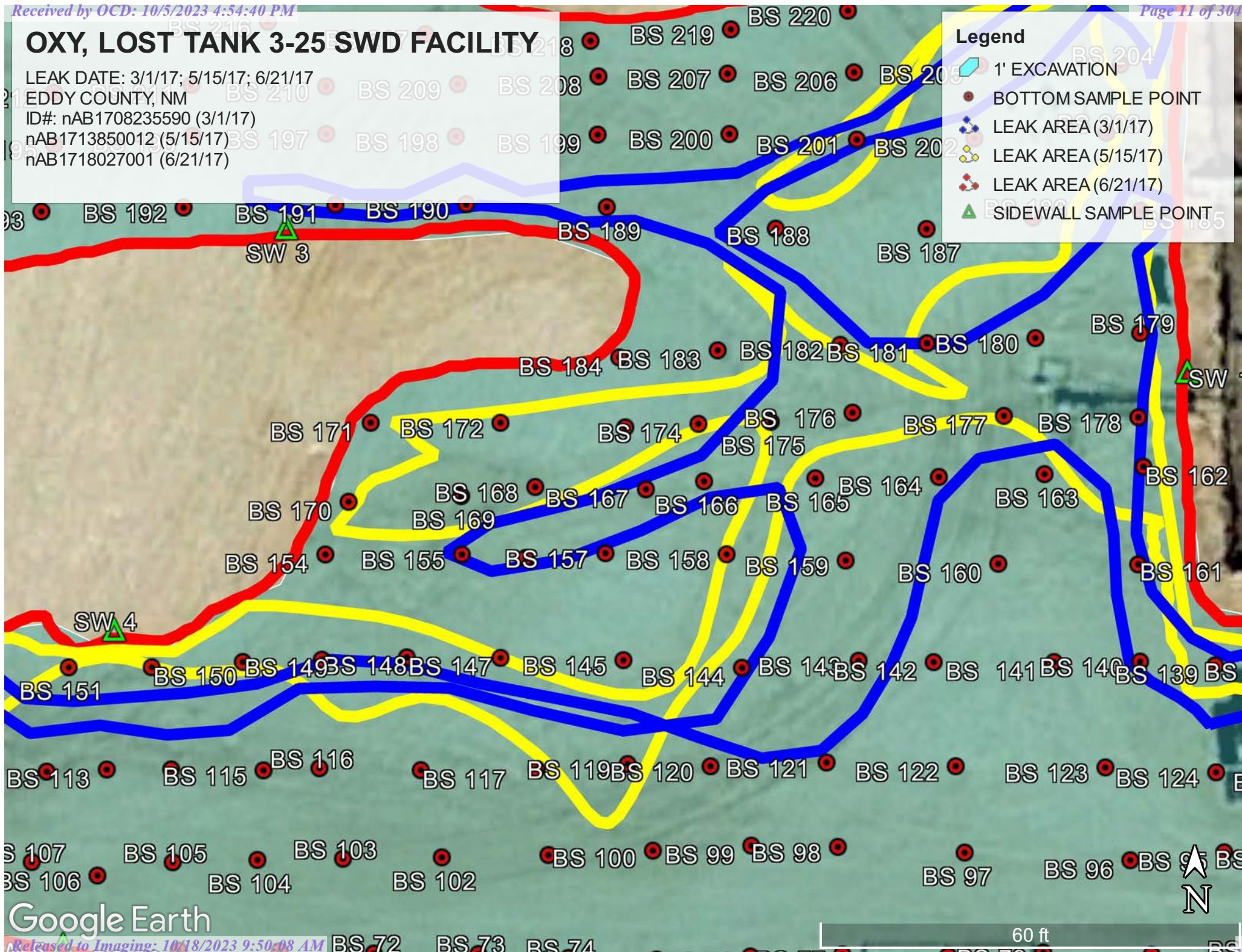
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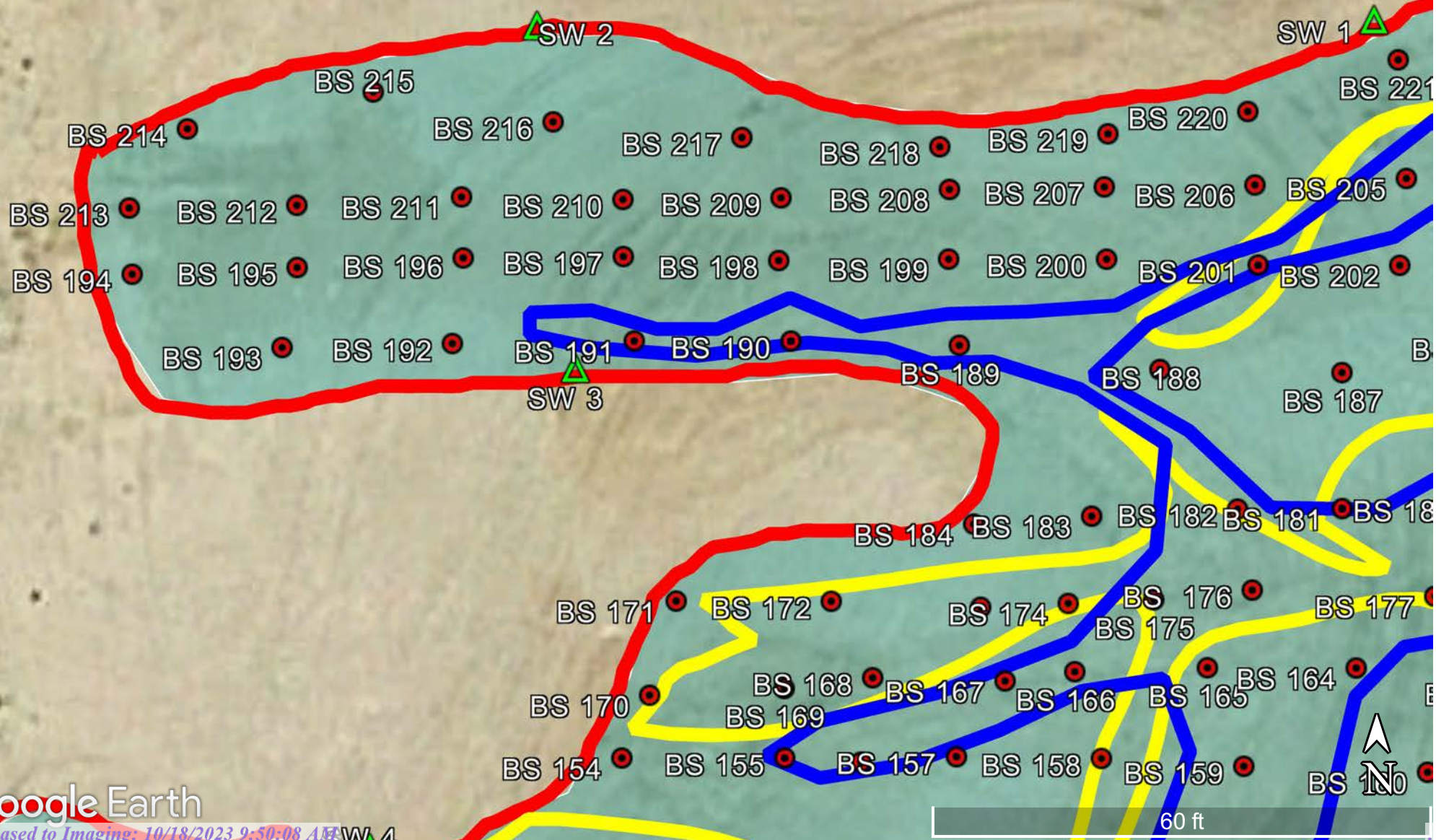


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




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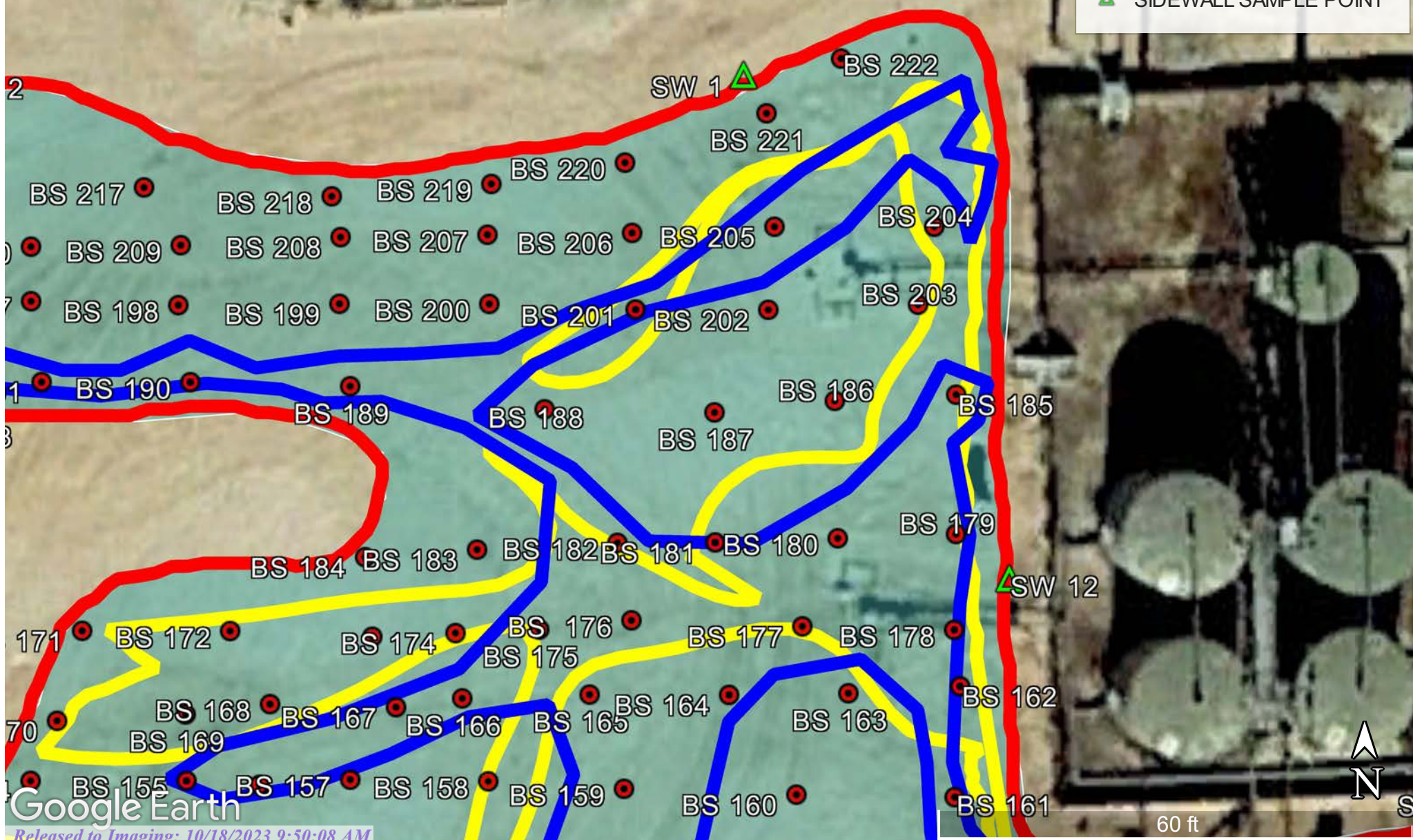


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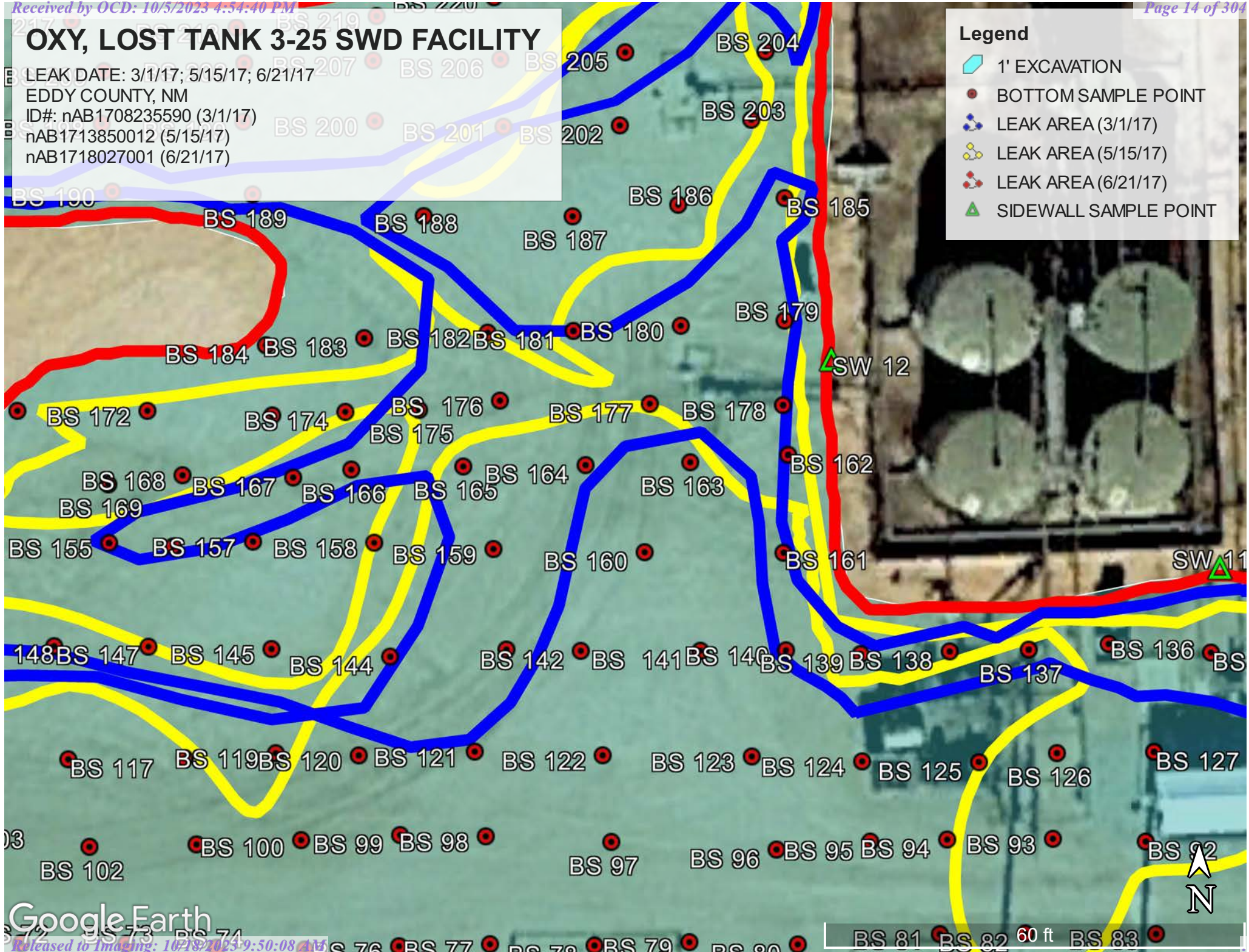
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




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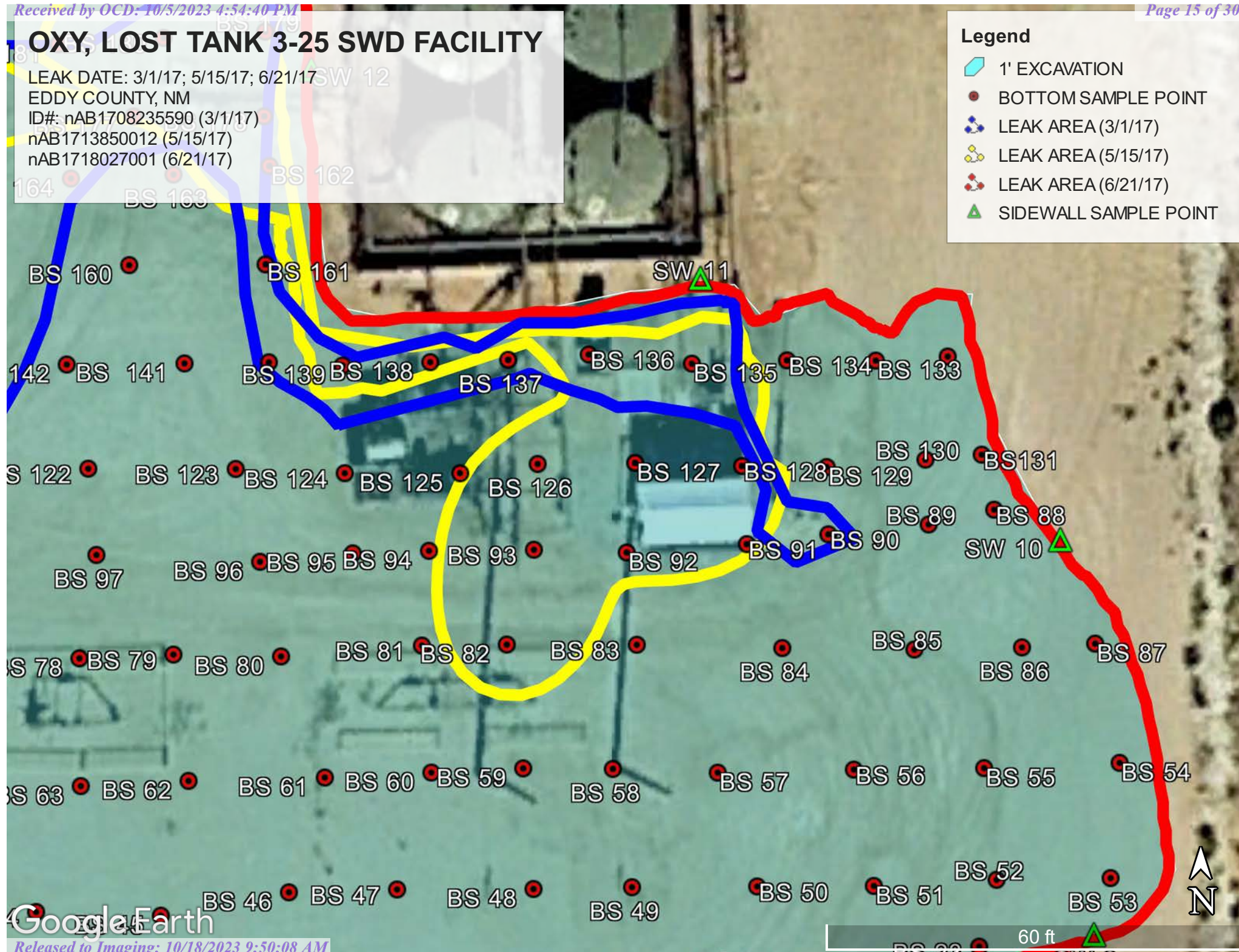
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 LEAK AREA (6/21/17)

 SIDEWALL SAMPLE POINT



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 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:	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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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)

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) 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	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:

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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 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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 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)

BTEx 8021B		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 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)

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 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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 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)

BTEx 8021B		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) 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:

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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)

BTEx 8021B		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) 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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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 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
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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 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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 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 12 @ 1' (H234803-12)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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	<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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 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 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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 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 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:

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 15 @ 1' (H234803-15)

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	<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:

BBC International, Inc.
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 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 16 @ 1' (H234803-16)

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 97.6 % 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:	08/30/2023
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)

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 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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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 18 @ 1' (H234803-18)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	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 98.6 % 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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 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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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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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)

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	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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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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 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)

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	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, 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 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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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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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
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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 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, 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	09/06/2023	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
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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 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, 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 97.6 % 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 31 @ 1' (H234803-31)

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) 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
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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 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:

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

Received:	09/05/2023	Sampling Date:	08/30/2023
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:

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 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, 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 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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)

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 99.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 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 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, 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 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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 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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 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 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, 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 98.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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 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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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 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
 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 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, 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	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, 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	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, 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 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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 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, 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 97.2 % 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, 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 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, 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 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 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 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.
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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 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:

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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 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)

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	1.93	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 BTX	<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:

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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 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:

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

Received:	09/05/2023	Sampling Date:	08/31/2023
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, 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 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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 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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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:

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 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
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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 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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 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, 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 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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 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, 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 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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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 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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 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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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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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, 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	09/06/2023	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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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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 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 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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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, 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 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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 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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 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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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:	09/07/2023	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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 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, 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 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, 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 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 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 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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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 81 @ 1' (H234803-81)

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, 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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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 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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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:	09/07/2023	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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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



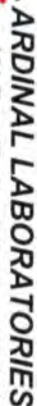
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. 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		DATE		TIME	
				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING					
				8/30/23		11:34AM		<input checked="" type="checkbox"/> Chloride			
				8/30/23		11:45AM		<input checked="" type="checkbox"/> BTEX			
				8/30/23		11:56AM		<input checked="" type="checkbox"/> TPHEXT			
				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					
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Relinquished By: [Signature]				Date: 9-5-23 Time: 10:08				Received By: [Signature]			
Relinquished By: [Signature]				Date: [Blank] Time: [Blank]				Received By: [Blank]			
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: [Signature]			
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 #:							

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: Cliff Brunson				P.O. #:															
Address: P.O. Box 805				Company: Oxy															
City: Hobbs				Attn:															
State: NM Zip: 88241				Address:															
Phone #: 575-397-6388 Fax #: 575-397-0397				City:															
Project #:				State: Zip:															
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)				Phone #:															
Project Location: New Mexico				Fax #:															
Simulator Name: SIMON RENDON																			
FOR LAB USE ONLY																			
Lab I.D.				Sample I.D.															
H234603				BOTTOM SAMPLE 31@1'				DATE				TIME				Chloride			
31				BOTTOM SAMPLE 32@1'				8/30/23				2:15PM				BTEX			
32				BOTTOM SAMPLE 33@1'				8/30/23				2:26PM				TPH EXT			
33				BOTTOM SAMPLE 34@1'				8/30/23				2:37PM							
34				BOTTOM SAMPLE 35@1'				8/30/23				2:51PM							
35				BOTTOM SAMPLE 36@1'				8/30/23				3:03PM							
36				BOTTOM SAMPLE 37@1'				8/30/23				3:14PM							
37				BOTTOM SAMPLE 38@1'				8/30/23				3:25PM							
38								8/30/23				3:35PM							
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST															
Project Manager: Cliff Brunson		P.O. #:																	
Address: P.O. Box 805		Company: Oxy																	
City: Hobbs		Attn:																	
Phone #: 575-397-6388		Address:																	
Fax #: 575-397-0397		City:																	
Project #: Project Owner: Oxy		State:																	
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)		Zip:																	
Project Location: New Mexico		Phone #:																	
Fax #:																			
Sampler Name: SIMON RENDON																			
FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV.	SAMPLING	DATE	TIME	Chloride	BTEX	TPHEXT						
4238503	BOTTOM SAMPLE 39@1'			GROUNDWATER					8/31/23	7:47AM	✓	✓	✓						
4238503	BOTTOM SAMPLE 40@1'			WASTEWATER					8/31/23	8:01AM	✓	✓	✓						
4238503	BOTTOM SAMPLE 41@1'			SOIL					8/31/23	8:12AM	✓	✓	✓						
4238503	BOTTOM SAMPLE 42@1'			OIL					8/31/23	8:21AM	✓	✓	✓						
4238503	BOTTOM SAMPLE 43@1'			SLUDGE					8/31/23	8:33AM	✓	✓	✓						
4238503	BOTTOM SAMPLE 44@1'			OTHER :					8/31/23	8:45AM	✓	✓	✓						
4238503	BOTTOM SAMPLE 45@1'			ACID/BASE:					8/31/23	8:57AM	✓	✓	✓						
4238503	BOTTOM SAMPLE 46@1'			ICE / COOL					8/31/23	9:10AM	✓	✓	✓						
4238503	BOTTOM SAMPLE 47@1'			OTHER :					8/31/23	9:21AM	✓	✓	✓						
4238503	BOTTOM SAMPLE 48@1'								8/31/23	9:34AM	✓	✓	✓						

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Relinquished By: *[Signature]* Date: 9-5-23 Time: 1:28 Received By: *[Signature]* Date: 9-5-23 Time: 1:28

Delivered By: (Circle One) -11:00a #140 Sample Condition Cool Intact ☒ Yes ☐ No CHECKED BY: *[Signature]*

Sampler - UPS - Bus - Other: ☐ Yes ☐ No

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

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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	
PLEASE NOTE: Sampling and Containers Carriers' liability and clients' enclosure remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause, whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Chloride			
		BTEX			
		TPH EXT			
Relinquished By: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Date: 9/5/23		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Time: 10:28		REMARKS:			
Received By: [Signature]					
Delivered By: (Circle One)		Sample Condition		CHECKED BY: (Initials)	
Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/>	
Sampler - UPS - Bus - Other: - 110# #140		Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST


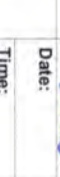


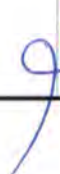
Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: OXY-LOST TANK 3-25 SWD (6/21/17) Project Location: New Mexico Sample Name: SIMON RENDON				P.O. #: Company: Oxy 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 #: 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 Name: OXY-LOST TANK 3-25 SWD (6/21/17) Project Location: New Mexico Project Owner: Oxy				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
Sample Name: SIMON RENDON <small>FOR LAB USE ONLY</small>				Matrix: <input type="checkbox"/> (G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER : Acid/Base: <input type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER : DATE TIME			
Lab I.D. Sample I.D.				PREPARED BY: SAMPLING			
Relinquished By:  Date: 8/5/23 Time: 10:28 Received By: 				REMARKS:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> CHECKED BY: 			
Relinquished By:  Date: 8/5/23 Time: 10:28 Received By: 				REMARKS:			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 9 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 #:		Zip:																											
Project Name: OXY-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																	
H234803		BOTTOM SAMPLE 77@1'		✓		✓		✓		✓		7:45 AM		Chloride		BTEX		TPH EXT											
81-77		BOTTOM SAMPLE 78@1'		✓		✓		✓		✓		7:57 AM		✓		✓		✓											
58-78		BOTTOM SAMPLE 79@1'		✓		✓		✓		✓		8:10 AM		✓		✓		✓											
58-79		BOTTOM SAMPLE 80@1'		✓		✓		✓		✓		8:22 AM		✓		✓		✓											
58-80		BOTTOM SAMPLE 81@1'		✓		✓		✓		✓		8:31 AM		✓		✓		✓											
58-81		BOTTOM SAMPLE 82@1'		✓		✓		✓		✓		8:43 AM		✓		✓		✓											
84-82		BOTTOM SAMPLE 83@1'		✓		✓		✓		✓		8:56 AM		✓		✓		✓											
84-83		BOTTOM SAMPLE 84@1'		✓		✓		✓		✓		9:09 AM		✓		✓		✓											
84-84		BOTTOM SAMPLE 85@1'		✓		✓		✓		✓		9:21 AM		✓		✓		✓											
84-85		BOTTOM SAMPLE 86@1'		✓		✓		✓		✓		9:34 AM		✓		✓		✓											
84-86		BOTTOM SAMPLE 86@1'		✓		✓		✓		✓		9:34 AM		✓		✓		✓											
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Relinquished By:		Date: 9/5/23		Received By:		Date: 9/5/23		Time: 10:08		Time: 10:08		Time: 10:08		Time: 10:08		Time: 10:08		Time: 10:08		Time: 10:08		Time: 10:08		Time: 10:08					
Relinquished By:		Date:		Received By:		Date:		Time:		Time:		Time:		Time:		Time:		Time:		Time:		Time:		Time:					
Delivered By: (Circle One)		- 11-0 -		- 11-0 -		- 11-0 -		- 11-0 -		- 11-0 -		- 11-0 -		- 11-0 -		- 11-0 -		- 11-0 -		- 11-0 -		- 11-0 -		- 11-0 -					
Sampler - UPS - Bus - Other:		#140		#140		#140		#140		#140		#140		#140		#140		#140		#140		#140		#140					
Sample Condition		Cool		Intact		Yes		No		Yes		No		Yes		No		Yes		No		Yes		No					
CHECKED BY:		(Initials)		(Initials)		(Initials)		(Initials)		(Initials)		(Initials)		(Initials)		(Initials)		(Initials)		(Initials)		(Initials)		(Initials)					
Phone Result:		Yes		No		Add'l Phone #:		Fax Result:		Yes		No		Add'l Fax #:		REMARKS:		REMARKS:		REMARKS:		REMARKS:		REMARKS:					



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 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:	09/05/2023	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)

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) 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)

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*	10.8	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:

BBC International, Inc.
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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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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 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, 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 91.5 % 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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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:

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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 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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 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 106 @ 1' (H234804-20)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	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 BTX	<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:

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 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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 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, 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 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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 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



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 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



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 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", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

BILL TO	P.O. #:	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	Attn:
Project #:	Project Owner: Oxy	Address:
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)	City:	State: Zip:
Project Location: New Mexico	Phone #:	
Sampler Name: SIMON RENDON	Fax #:	

FOR LAB USE ONLY	MATRIX	PRESERV.	SAMPLING
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :			
DATE TIME			

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Relinquished By:	Date: 9/5/23	Received By:	Time: 10:38
Relinquished By:	Date:	Received By:	Time:

Delivered By: (Circle One) -11-O-	#140	CHECKED BY:
Sampler - UPS - Bus - Other:		

Sample Condition	Cool Intact	YES NO YES NO
Checked By:	Initials	

REMARKS:	Chloride BTEX TPHEXT
-----------------	-----------------------------



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 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		Address:											
Phone #: 575-397-6388		City:											
Fax #: 575-397-0397		State:											
Project #:		Zip:											
Project Name: OXY-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		SOIL		ACID/BASE:		ICE / COOL		OTHER :			
		WASTEWATER		OIL									
		SLUDGE											
		OTHER :											
		DATE	TIME										
11	BOTTOM SAMPLE 97@1'	9/1/23	11:55AM	✓	✓	✓							
12	BOTTOM SAMPLE 98@1'	9/1/23	12:42PM	✓	✓	✓							
13	BOTTOM SAMPLE 99@1'	9/1/23	12:55PM	✓	✓	✓							
14	BOTTOM SAMPLE 100@1'	9/1/23	1:10PM	✓	✓	✓							
15	BOTTOM SAMPLE 101@1'	9/1/23	1:23PM	✓	✓	✓							
16	BOTTOM SAMPLE 102@1'	9/1/23	1:35PM	✓	✓	✓							
17	BOTTOM SAMPLE 103@1'	9/1/23	1:51PM	✓	✓	✓							
18	BOTTOM SAMPLE 104@1'	9/1/23	2:06PM	✓	✓	✓							
19	BOTTOM SAMPLE 105@1'	9/1/23	2:19PM	✓	✓	✓							
20	BOTTOM SAMPLE 106@1'	9/1/23	2:33PM	✓	✓	✓							
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Relinquished By:	Date: 9/5/23	Received By:	Phone Result:	Yes	No	Add'l Phone #:							
Time: 10:08			Fax Result:	Yes	No	Add'l Fax #:							
Relinquished By:	Date:	Received By:	REMARKS:										
Time:													
Delivered By: (Circle One)	-11.0	Sample Condition	Cool	Intact	CHECKED BY:								
Sampler - UPS - Bus - Other:	#140	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	(Initials)								

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



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 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				Address:															
Fax #: 575-397-0397				City:															
Project #:				State:															
Project Name: OXY-LOST TANK 3-25 SWD (6/21/17)				Zip:															
Project Location: New Mexico				Phone #:															
Fax #:																			
Sample Name: SIMON RENDON																			
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															
1				BOTTOM SAMPLE 107@1'				✓ Chloride											
2				BOTTOM SAMPLE 108@1'				✓ BTEX											
3				BOTTOM SAMPLE 109@1'				✓ TPHEXT											
4				BOTTOM SAMPLE 110@1'															
5				BOTTOM SAMPLE 111@1'															
6				BOTTOM SAMPLE 122@1'															
7				BOTTOM SAMPLE 113@1'															
8				BOTTOM SAMPLE 114@1'															

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Relinquished By:	Date: 9-5-23	Received By: Skoddiqwey	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Time: 11:28	Received By:	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Time:			REMARKS:	

Delivered By: (Circle One) -11.0: \$140

Sampler - UPS - Bus - Other: ☐ Cool ☐ Intact ☐ Yes ☐ No

CHECKED BY: 8/2

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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



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 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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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, 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 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:

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 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:

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 120 @ 1' (H234887-06)

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	09/12/2023	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, 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:

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 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)

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, 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:

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 124 @ 1' (H234887-10)

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	09/12/2023	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, 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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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 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)

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 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)

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 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)

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) 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:

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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 129 @ 1' (H234887-15)

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	09/12/2023	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, 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)

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, 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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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 132 @ 1' (H234887-18)

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	09/12/2023	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
 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 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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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, 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 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)

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	09/12/2023	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 BTX	<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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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 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:

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 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:

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 138 @ 1' (H234887-24)

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	09/12/2023	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 BTX	<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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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, 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 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.3 % 49.1-148

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

Analytical Results For:

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

Received:	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)

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	09/12/2023	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 BTX	<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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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, 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 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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Analytical Results For:

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

Received:	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, 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 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, 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 69.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 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:	09/08/2023	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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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)

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	09/12/2023	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 BTX	<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:

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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 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, 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 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 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 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, 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 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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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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 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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 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 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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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 158 @ 1' (H234887-44)

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	09/12/2023	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 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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

Received:	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:

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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 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:

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 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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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:

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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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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 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, 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 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 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 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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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 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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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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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, 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 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:

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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 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:

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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 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:

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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 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:

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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 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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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 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



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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 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

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.			
Sample I.D.				DATE			
BOTTOM SAMPLE 115@1' BOTTOM SAMPLE 116@1' BOTTOM SAMPLE 117@1' BOTTOM SAMPLE 118@1' BOTTOM SAMPLE 119@1' BOTTOM SAMPLE 120@1' BOTTOM SAMPLE 121@1' BOTTOM SAMPLE 122@1' BOTTOM SAMPLE 123@1' BOTTOM SAMPLE 124@1'				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :			
9/5/23 9:05AM 9/5/23 9:16AM 9/5/23 9:31AM 9/5/23 9:42AM 9/5/23 9:51AM 9/5/23 10:04AM 9/5/23 10:15AM 9/5/23 10:28AM 9/5/23 10:40AM 9/5/23 10:52AM				✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓			
Chloride BTEX TPH/EXT				✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓			
PLEASE NOTE: Lab and Containers. Containers must be clean and dry. No claim will be made for any claim arising from the use of the above stated materials or otherwise.				REMARKS:			
Relinquished By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
Relinquished By:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>			
Checked By: (Initials)				REMARKS:			

Page 74 of 81



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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				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY							
Lab I.D. <div style="border: 1px solid black; padding: 5px; text-align: center;"> Sample I.D. </div>		(G)RAB OR (C)OMP.		MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		PRESERV SAMPLING	
		# CONTAINERS					
BOTTOM SAMPLE 125@1' BOTTOM SAMPLE 126@1' BOTTOM SAMPLE 127@1' BOTTOM SAMPLE 128@1' BOTTOM SAMPLE 129@1' BOTTOM SAMPLE 130@1' BOTTOM SAMPLE 131@1' BOTTOM SAMPLE 132@1' BOTTOM SAMPLE 133@1' BOTTOM SAMPLE 134@1'		DATE TIME		ANALYSIS REQUEST			
11 12 13 14 15 16 17 18 19 20		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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Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> CHECKED BY: (Initials)					



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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																			
Phone #: 575-397-6388				Address:															
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																			
FOR LAB USE ONLY																			
Lab I.D.																			
Sample I.D.																			
H334887																			
31 BOTTOM SAMPLE 135@1'				DATE				TIME				Chloride							
32 BOTTOM SAMPLE 136@1'				9/5/23				1:43PM				✓							
33 BOTTOM SAMPLE 137@1'				9/5/23				1:56PM				✓							
34 BOTTOM SAMPLE 138@1'				9/5/23				2:10PM				✓							
35 BOTTOM SAMPLE 139@1'				9/5/23				2:23PM				✓							
36 BOTTOM SAMPLE 140@1'				9/5/23				2:36PM				✓							
37 BOTTOM SAMPLE 141@1'				9/5/23				2:50PM				✓							
38 BOTTOM SAMPLE 142@1'				9/5/23				3:03PM				✓							
39 BOTTOM SAMPLE 143@1'				9/5/23				3:16PM				✓							
40 BOTTOM SAMPLE 144@1'				9/5/23				3:30PM				✓							
				9/5/23				3:40PM				✓							

Relinquished By:		Received By:		CHECKED BY:	
Fabien Fdz		Simon Rendón		J.E.	
Date: 9/18		Date: 9/18		Date: 9/18	
Time: 1515		Time: 1515		Time: 1515	
Relinquished By:		Received By:		CHECKED BY:	
Delivered By: (Circle One)		Sample Condition		Cool	
Sampler - UPS - Bus - Other: -6.9c		Cool Intact		Yes	
		No		No	

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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.		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		Address:													
Project #:		City:													
Project Name: LOST TANK 3-25 SWD (6/21/17)		State: Zip:													
Project Location: New Mexico		Phone #:													
Sampler Name: SIMON RENDON		Fax #:													
FOR LAB USE ONLY															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING			
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :		ACID/BASE: ICE / COOL OTHER :		DATE TIME			
H234887		BOTTOM SAMPLE 145@1'		Q		1						9/6/23 7:48AM		✓	
31		BOTTOM SAMPLE 146@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															
<small>PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising within the time frame 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 remedies or otherwise.</small>															
Relinquished By:		Date: 9/18		Received By:		Date: 9/18		Time: 6:06		Received By: Fabian Fdz		Time: 4:38		Sample Condition:	
Relinquished By: [Signature]				Received By: [Signature]										Cool: <input type="checkbox"/> Yes <input type="checkbox"/> No Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Delivered By: (Circle One)				Delivered By: (Circle One)										CHECKED BY: [Signature] (Initials)	
Sampler - UPS - Bus - Other:				Sampler - UPS - Bus - Other:											



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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 FOR LAB USE ONLY				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. Sample I.D.				DATE TIME			
Matrix (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				PRESERV SAMPLING			
BOTTOM SAMPLE 155@1' BOTTOM SAMPLE 156@1' BOTTOM SAMPLE 157@1' BOTTOM SAMPLE 158@1' BOTTOM SAMPLE 159@1' BOTTOM SAMPLE 160@1' BOTTOM SAMPLE 161@1' BOTTOM SAMPLE 162@1' BOTTOM SAMPLE 163@1' BOTTOM SAMPLE 164@1'				9/6/23 9:35AM 9/6/23 9:47AM 9/6/23 10:03AM 9/6/23 10:14AM 9/6/23 10:25AM 9/6/23 10:35AM 9/6/23 10:46AM 9/6/23 10:57AM 9/6/23 11:07AM 9/6/23 11:18AM			
Chloride BTEX TPHEXT							
Relinquished By: Simon Rendón Date: 9/18 Time: 6:00 Received By: Fabien Fdz Date: 9/18 Time: 1:30				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 #: REMARKS:			

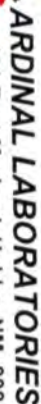


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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST											
Project Manager: Cliff Brunson		P.O. #:													
Address: P.O. Box 805		Company: Oxy													
City: Hobbs		Attn:													
State: NM Zip: 88241		Address:													
Phone #: 575-397-6388 Fax #: 575-397-0397		City:													
Project #:		State: Zip:													
Project Name: 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	51 BOTTOM SAMPLE 165@1'		9										9/6/23	11:30AM	✓
	52 BOTTOM SAMPLE 166@1'		1										9/6/23	11:40AM	✓
	53 BOTTOM SAMPLE 167@1'												9/6/23	11:52AM	✓
	54 BOTTOM SAMPLE 168@1'												9/6/23	12:04PM	✓
	55 BOTTOM SAMPLE 169@1'												9/6/23	12:15PM	✓
	56 BOTTOM SAMPLE 170@1'												9/6/23	12:26PM	✓
	57 BOTTOM SAMPLE 171@1'												9/6/23	12:38PM	✓
	58 BOTTOM SAMPLE 172@1'												9/6/23	12:50PM	✓
	59 BOTTOM SAMPLE 173@1'												9/6/23	1:03PM	✓
	60 BOTTOM SAMPLE 174@1'												9/6/23	1:16PM	✓
<small>PLEASE NOTE: Liability and Damages: Cardinal's liability and client's recovery remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal. Receipt of this Chain of Custody form is based upon any of the above stated reasons or otherwise.</small>															
Relinquished By:		Date: 9/8	Received By:												
<i>James Fowler</i>		Time: 6:00	Received By:												
Relinquished By:		Date: 9/8	Received By:												
<i>Fabian Folz</i>		Time: 4:30	Received By:												
Delivered By: (Circle One)		Sample Condition		CHECKED BY:											
<i>Fabian Folz</i>		<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact		<i>James Fowler</i>											
Sampler - UPS - Bus - Other:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		REMARKS:											
<i>UPS</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:											
<i>4.9c</i>		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:											

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 80 of 81



CARDINAL LABORATORIES
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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:																			
Phone #: 575-397-6388		Address:																			
Fax #: 575-397-0397		City:																			
Project #:		State: NM Zip: 88241																			
Project Name: LOST TANK 3-25 SWD (6/21/17)		Project Owner: Oxy																			
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	MATRIX			PRESERV.	SAMPLING													
H234887	BOTTOM SAMPLE 185@1'	9	1	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	Chloride	BTEX	TPH EXT				
71													9/6/23	1:28PM							
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Relinquished By:	Date 9/18	Received By:	Date 9/18	Time 6:00	Relinquished By:	Date 9/18	Received By:	Time 4:30	Sample Condition	Cool Intact	Yes	No	Yes	No	CHECKED BY:	(Initials)	REMARKS:				
Fabian Idz		Fabian Idz																			
Delivered By: (Circle One)	Time 4:30	1515																			
Sampler - UPS - Bus - Other:	-6.9c	#140																			

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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' and 'K'.

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

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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)

BTEx 8021B		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 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)

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 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)

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, 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



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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 193 @ 1' (H234992-08)

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	09/16/2023	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) 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	09/15/2023	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, 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 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 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 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:

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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 196 @ 1' (H234992-11)

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	09/16/2023	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) 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 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 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 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, 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 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, 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 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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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 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, 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 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:	09/14/2023	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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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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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 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, 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 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, 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 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
 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 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, 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 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 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 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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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)

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, 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 117 % 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:	09/14/2023	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:

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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 212 @ 1' (H234992-27)

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	09/16/2023	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) 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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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)

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) 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:

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 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.
 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 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, 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 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.2 % 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 216 @ 1' (H234992-31)

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	09/16/2023	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) 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)

BTEx 8021B		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 52.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.2 % 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:	09/12/2023
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, 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 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)

BTEx 8021B		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) 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 63.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 63.8 % 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:	09/14/2023	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:

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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: 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:

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

Received:	09/14/2023	Sampling Date:	09/13/2023
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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Analytical Results For:

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 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)

BTEx 8021B		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 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 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 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, 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 80.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 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:	09/14/2023	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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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 3 (H234992-41)

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) 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	09/15/2023	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
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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 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
 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 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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Celey D. Keene, Lab Director/Quality Manager



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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:	09/13/2023
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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 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 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:

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 8 (H234992-46)

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 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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:	09/14/2023	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:

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 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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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:	09/13/2023
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)

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	09/18/2023	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 BTX	<0.300	0.300	09/18/2023	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	09/18/2023	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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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:	09/13/2023
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)

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	09/18/2023	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 BTX	<0.300	0.300	09/18/2023	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	09/18/2023	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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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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 1 of 5

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CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

9/12/23

10:16AM

9/12/23

10:28AM

9/12/23

10:40AM

9/12/23

10:52AM

9/12/23

11:04AM

9/12/23

11:15AM

9/12/23

11:27AM

9/12/23

11:39AM

9/12/23

11:50AM

9/12/23

12:03PM

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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)

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

REMARKS:



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Ps 3 of 5

Page 55 of 57



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST			
Project Manager: Cliff Brunson				P.O. #:							
Address: P.O. Box 805											
City: Hobbs				State: NM				zip: 88241			
Phone #: 575-397-6388				Fax #: 575-397-0397				Attn:			
Project #:				Project Owner: Oxy				Address:			
Project Name: LOST TANK 3-25 SWD FACILITY (6/21/17)				City:				State:			
Project Location: New Mexico				Zip:				Phone #:			
Sampler Name: SIMON RENDON				Fax #:							
<small>FOR LAB USE ONLY</small>											
Lab I.D.		Sample I.D.		MATRIX		PRESERV		SAMPLING			
(11034992)										Chloride	
31	BOTTOM SAMPLE 216@1'	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL
32	BOTTOM SAMPLE 217@1'									OTHER :	
33	BOTTOM SAMPLE 218@1'										
34	BOTTOM SAMPLE 219@1'										
35	BOTTOM SAMPLE 220@1'										
36	BOTTOM SAMPLE 221@1'										
37	BOTTOM SAMPLE 222@1'										
38	BOTTOM SAMPLE 223@1'										
39	SIDEWALL 1										
40	SIDEWALL 2										
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from 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 remedies or otherwise.</small>											
Relinquished By:		Date: 9-14-23		Received By:		Time: 10:11		Signature: [Signature]		Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Relinquished By:		Date: 9-14-23		Received By:		Time: 10:11		Signature: [Signature]		Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		-12c #140		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Sample Condition <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials)		Add'l Phone #:	
REMARKS:											

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Page 56 of 57



CARDINAL LABORATORIES

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

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

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.

Sample I.D.

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

Chloride
BTEX
TPH/EXT

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Relinquished By:

Received By:

Date: 9-14-23

Time: 10:40

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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Pg 5 of 5

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 273054

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 273054
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	10/18/2023