

PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805 E-MAIL: cbrunson@bbcinternational.com

## DELINEATION/REMEDIATION WORKPLAN

# **OXY - LOST TANK 3-15**

(Leak Date: 7/15/20)

Incident Reference #: NRM2023462739

This delineation workplan and remediation proposal addresses the releases associated with Incident Reference #: NRM2023462739.

The following information includes:

- 1. Appropriate completed and signed C-141 pages.
- 2. Scaled digital site map with spill area demarcated and leak point identified along with sample point locations and areas of remediation at appropriate depths.
- 3. GPS information for sample points and sample methodology.
- 4. Depth to groundwater information (i.e., pdf of OSE search results, USGS search results).
- 5. Watercourse/features map within 1000 feet.
- 6. BLM Cave Karst map.
- 7. FEMA National Flood map.
- 8. Laboratory analysis results summary table and original laboratory analysis reports.
- 9. Potentially other pertinent information as necessary for site specific purposes.

Based on the information included in this package and the NMOCD rules, the following remediation is proposed:

OXY will excavate the spill area as depicted on the following site diagram.

The entire leak area (pink shade on diagram) will be excavated to a depth of 1 foot.

OXY will collect sidewall and confirmation samples every 200 square feet. The estimated amount of soil to be excavated is 292 cubic yards. The remediation will be completed within 90 days of approval.

The entire site will then be backfilled with clean soil and revegetated (if warranted) to the standards of the appropriate regulatory agency or private surface owner.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.

Form C-141 Page 3

# State of New Mexico Oil Conservation Division

	T/
Incident ID	NRM2023462739
District RP	
Facility ID	
Application ID	

# **Site Assessment/Characterization**

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	124 (ft bgs)				
Did this release impact groundwater or surface water?	☐ Yes ■ No				
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ■ No				
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ■ No				
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ■ No				
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ■ No				
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ■ No				
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?					
Are the lateral extents of the release within 300 feet of a wetland?	Yes No				
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ■ No				
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ■ No				
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ■ No				
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ■ No				
Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and ver contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.	tical extents of soil				
Characterization Report Checklist: Each of the following items must be included in the report.					
Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring well Field data  Data table of soil contaminant concentration data  Depth to water determination  Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release  Boring or excavation logs  Photographs including date and GIS information  Topographic/Aerial maps  Laboratory data including chain of custody	s.				

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Form C-141 Page 4

# State of New Mexico Oil Conservation Division

Incident ID District RP	NRM2023462739
Facility ID	
Application ID	

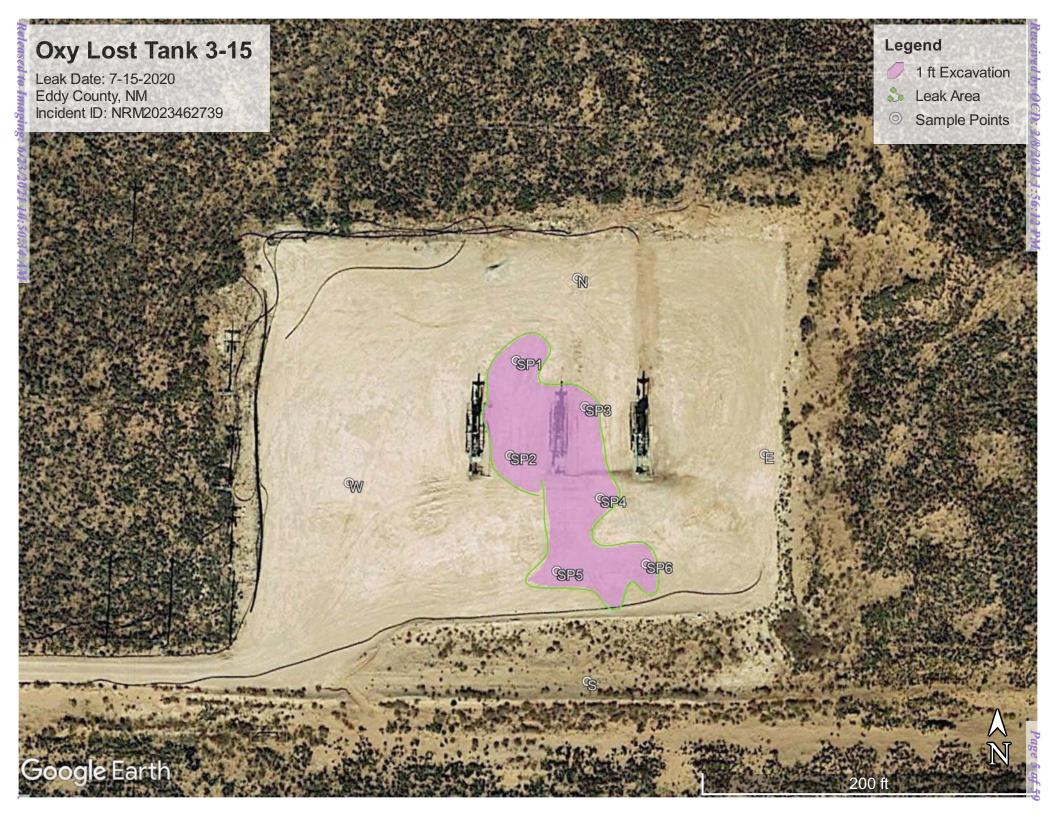
hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public 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 alled 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.							
Printed Name: Wade Dittrich  Signature: Date: 8-31-7020  email: wade_dittrich@oxy.com  Title: Environmental Coordinator  Title: 575) 390-2828							
OCD Only  Received by: Cristina Eads	Date; 02-08-2021						

Form C-141 Page 5 State of New Mexico
Oil Conservation Division

Incident ID	NRM2023462739
District RP	
Facility ID	
Application ID	

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.											
Detailed description of proposed remediation technique  Scaled sitemap with GPS coordinates showing delineation points  Estimated volume of material to be remediated  Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC  Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)											
Perfermed Promote Only Ford City City City City City City City City											
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.  Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.											
Extents of contamination must be fully delineated.											
☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.											
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.											
Printed Name: Wade Dittrich Environmental Coordinator											
Signature: <u>hale Seit</u> Date: 8-31-2020											
email: wade_dittrich@oxy.com Telephone: (575) 390-2828											
chair.											
OCD Only											
Received by: Cristina Eads Date:02-23-2021											
☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved											
Signature: Date: 06-23-2021											



# Oxy, Lost Tank 3-15 7-15-20

### Sample Points:

SP1, N 32.42096, W -103.77360

SP2, N 32.42081, W -103.77361

SP3, N 32.42089, W -103.77347

SP4, N 32.42074, W -103.77344

SP5, N 32.42062, W -103.77352

SP6, N 32.42063, W -103.77335

N, N 32.42110, W -103.77348

E, N 32.42081, W -103.77312

W, N 32.42076, W -103.77393

S, N 32.42044, W -103.77346



USGS Home Contact USGS Search USGS

**National Water Information System: Web Interface** 

**USGS** Water Resources

Data Category:		Geographic Area:		
Groundwater	~	New Mexico	~	GO

### Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for New Mexico

Click to hide state-specific text

### Search Results -- 1 sites found

Agency code = usgs site\_no list =

• 322333103461401

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

### USGS 322333103461401 22S.31E.15.13214

Eddy County, New Mexico

Latitude 32°23'40", Longitude 103°46'16" NAD27

Land-surface elevation 3,455 feet above NAVD88

This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

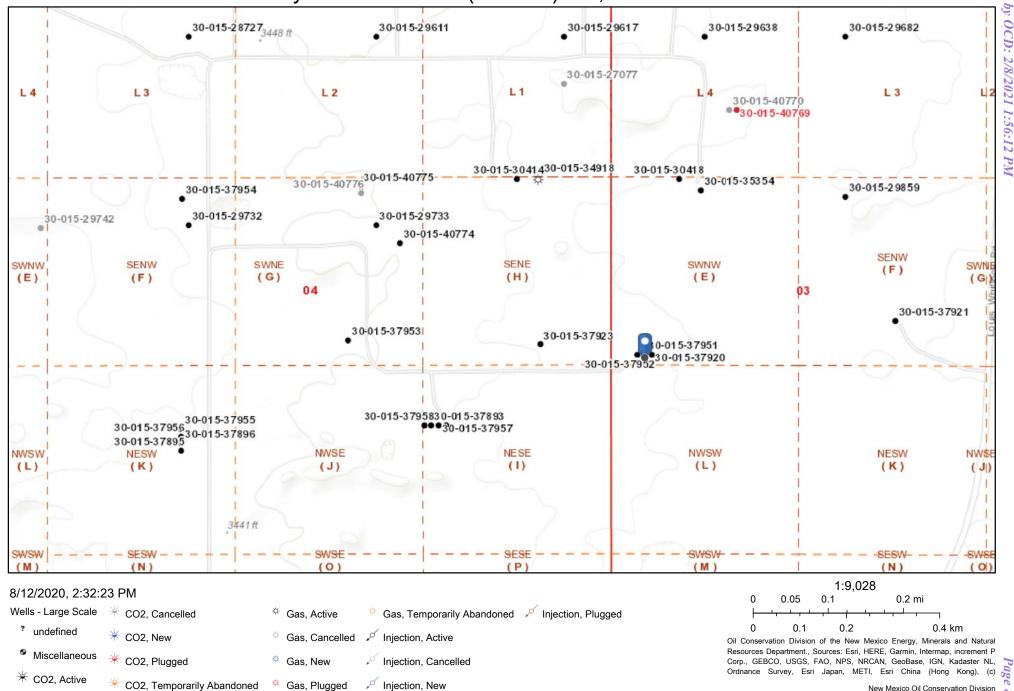
#### **Output formats**

Table of da	ta				Output 101					
Tab-separa										
Graph of da	ata									
Reselect pe	riod									
Date	Time	? Water- level date- time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water- level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measure
1959-02-1		C					2	P	U	
1972-09-1		D					2		U	
1987-10-2	.0	D					2		U	
1992-12-0	18	D	124.25				2		S	

#### Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Status	Р	Site was being pumped.

# Oxy Lost Tank 3-15 (7-15-20) + 3,000 ft to h2o



# Oxy Lost Tank 3-15

Leak Date: 7-15-20 Eddy County, NM

API: 30-015-37951 Incident ID: NRM2023462739

# **BLM CAVE KARST MAP**

Legend



跪 Leak Area



Low Potential





Feet

2,000

250

500

1,000

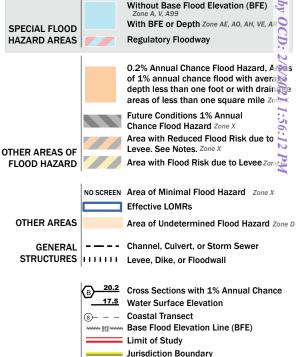
1,500

USGS The National Map: Orthoimagery. Data refreshed

1:6,000

### Legend

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



MAP PANELS

OTHER

**FEATURES** 

103°46'6"W 32°25'N

No Digital Data Available

**Profile Baseline** 

Unmapped

an authoritative property location. This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below.

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

**Coastal Transect Baseline** 

Hydrographic Feature

Digital Data Available

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/12/2020 at 4:59 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

		Sample ID	North @ Surface	East @ Surface	West @ Surface	South @ Surface
Analyte	Method	Date	8/27/20	8/27/20	8/27/20	8/27/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	< 0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		32.0	32.0	32.0	128
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

			SP1 @			
		Sample ID	Surface	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	8/27/20	8/27/20	8/27/20	8/27/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	< 0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	< 0.300	n/a	n/a
Chloride	SM4500CI-B		49600	4560	352	96.0
GRO	TPH 8015M		<50.0	<10.0	n/a	n/a
DRO	TPH 8015M		6210	<10.0	n/a	n/a
EXT DRO	TPH 8015M		1860	<10.0	n/a	n/a

			SP2 @			
		Sample ID	Surface	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	8/27/20	8/27/20	8/27/20	8/27/20
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		70400	3920	800	112
GRO	TPH 8015M		<50.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		10400	254	<10.0	<10.0
EXT DRO	TPH 8015M		3050	240	<10.0	<10.0

		Sample ID	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	8/27/20	8/27/20	8/27/20	8/27/20
-			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	< 0.300	n/a	n/a
Chloride	SM4500CI-B		25200	432	256	256
GRO	TPH 8015M		<50.0	<10.0	n/a	n/a
DRO	TPH 8015M		17300	11.9	n/a	n/a
EXT DRO	TPH 8015M		5690	<10.0	n/a	n/a

l			SP4 @				
		Sample ID	Surface	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'
Analyte	Method	Date	8/27/20	8/27/20	8/27/20	8/27/20	8/27/20
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	< 0.300	<0.300	n/a	n/a
Chloride	SM4500CI-B		96800	3240	912	96.0	96.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		6620	<10.0	<10.0	n/a	n/a
EXT DRO	TPH 8015M		1940	<10.0	<10.0	n/a	n/a

			SP5 @				
		Sample ID	Surface	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'	SP5 @ 4'
Analyte	Method	Date	8/28/20	8/28/20	8/28/20	8/28/20	8/28/20
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	< 0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	< 0.300	n/a	n/a
Chloride	SM4500CI-B		49600	416	688	112	160
GRO	TPH 8015M		<50.0	<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		8880	<10.0	<10.0	n/a	n/a
EXT DRO	TPH 8015M		2650	<10.0	<10.0	n/a	n/a

			SP6@				
		Sample ID	Surface	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'	SP6 @ 4'
Analyte	Method	Date	8/28/20	8/28/20	8/28/20	8/28/20	8/28/20
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	< 0.300	< 0.300	n/a	n/a
Chloride	SM4500CI-B		36000	880	752	64.0	96.0
GRO	TPH 8015M		<50.0	<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		3800	<10.0	<10.0	n/a	n/a
EXT DRO	TPH 8015M		1380	<10.0	<10.0	n/a	n/a



September 09, 2020

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: LOST TANK 3 - 15

Enclosed are the results of analyses for samples received by the laboratory on 08/31/20 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. 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 <a href="https://www.tceq.texas.gov/field/ga/lab">www.tceq.texas.gov/field/ga/lab</a> accred certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celecy D. Keine

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager

Reported:

09-Sep-20 13:10



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

### Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: LOST TANK 3 - 15
Project Number: (7-15-20)

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NORTH @ SURFACE	H002298-01	Soil	27-Aug-20 09:05	31-Aug-20 14:10
EAST @ SURFACE	H002298-02	Soil	27-Aug-20 09:17	31-Aug-20 14:10
WEST @ SURFACE	H002298-03	Soil	27-Aug-20 09:34	31-Aug-20 14:10
SOUTH @ SURFACE	H002298-04	Soil	27-Aug-20 09:45	31-Aug-20 14:10
SP 1 @ SURFACE	H002298-05	Soil	27-Aug-20 10:05	31-Aug-20 14:10
SP 1 @ 1'	H002298-06	Soil	27-Aug-20 10:16	31-Aug-20 14:10
SP 1 @ 2'	H002298-07	Soil	27-Aug-20 10:46	31-Aug-20 14:10
SP 1 @ 3'	H002298-08	Soil	27-Aug-20 11:07	31-Aug-20 14:10
SP 2 @ SURFACE	H002298-09	Soil	27-Aug-20 11:22	31-Aug-20 14:10
SP 2 @ 1'	H002298-10	Soil	27-Aug-20 11:38	31-Aug-20 14:10
SP 2 @ 2'	H002298-11	Soil	27-Aug-20 11:53	31-Aug-20 14:10
SP 2 @ 3'	H002298-12	Soil	27-Aug-20 12:44	31-Aug-20 14:10
SP 3 @ SURFACE	H002298-13	Soil	27-Aug-20 13:07	31-Aug-20 14:10
SP 3 @ 1'	H002298-14	Soil	27-Aug-20 13:19	31-Aug-20 14:10
SP 3 @ 2'	H002298-15	Soil	27-Aug-20 13:33	31-Aug-20 14:10
SP 3 @ 3'	H002298-16	Soil	27-Aug-20 13:48	31-Aug-20 14:10
SP 4 @ SURFACE	H002298-17	Soil	27-Aug-20 14:18	31-Aug-20 14:10
SP 4 @ 1'	H002298-18	Soil	27-Aug-20 14:34	31-Aug-20 14:10
SP 4 @ 2'	H002298-19	Soil	27-Aug-20 14:48	31-Aug-20 14:10
SP 4 @ 3'	H002298-20	Soil	27-Aug-20 15:07	31-Aug-20 14:10
SP 4 @ 4'	H002298-21	Soil	27-Aug-20 15:19	31-Aug-20 14:10
SP 5 @ SURFACE	H002298-22	Soil	28-Aug-20 08:45	31-Aug-20 14:10
SP 5 @ 1'	H002298-23	Soil	28-Aug-20 08:57	31-Aug-20 14:10
SP 5 @ 2'	H002298-24	Soil	28-Aug-20 09:12	31-Aug-20 14:10
SP 5 @ 3'	H002298-25	Soil	28-Aug-20 09:29	31-Aug-20 14:10
SP 5 @ 4'	H002298-26	Soil	28-Aug-20 09:42	31-Aug-20 14:10
SP 6 @ SURFACE	H002298-27	Soil	28-Aug-20 10:02	31-Aug-20 14:10

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Keene



### **Analytical Results For:**

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Project Number: Project Manager:	•	Reported: 09-Sep-20 13:10
SP 6 @ 1'	H002298-28	Soil	28-Aug-20 10:23	31-Aug-20 14:10
SP 6 @ 2'	H002298-29	Soil	28-Aug-20 10:38	31-Aug-20 14:10
SP 6 @ 3'	H002298-30	Soil	28-Aug-20 10:53	31-Aug-20 14:10
SP 6 @ 4'	H002298-31	Soil	28-Aug-20 11:06	31-Aug-20 14:10

09/09/20 - Client added BTEX and TPH to samples -11 and -12. This is the revised report and will replace the one sent on 09/02/20.

Cardinal Laboratories \*=Accredited Analyte

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

Celeg D. Freene



### Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: LOST TANK 3 - 15 Project Number: (7-15-20)

Project Manager: Cliff Brunson Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

# **NORTH @ SURFACE**

H002298-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	0083104	GM	01-Sep-20	4500-Cl-B	
<b>Volatile Organic Compounds by</b>	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			100 %	73.3	-129	0083107	MS	01-Sep-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			113 %	44.3	-144	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			119 %	42.2	-156	0083105	MS	01-Sep-20	8015B	

Cardinal Laboratories \*=Accredited Analyte

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### Analytical Results For:

BBC International, Inc.

Project: LOST TANK 3 - 15

Reported: 09-Sep-20 13:10

P.O. Box 805 Hobbs NM, 88241 Project Number: (7-15-20)

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

### EAST @ SURFACE H002298-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	0083104	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			101 %	73.3	-129	0083107	MS	01-Sep-20	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			105 %	44.3	-144	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			110 %	42.2	-156	0083105	MS	01-Sep-20	8015B	

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keene



### Analytical Results For:

BBC International, Inc.

Project: LOST TANK 3 - 15

Reported: 09-Sep-20 13:10

P.O. Box 805 Hobbs NM, 88241 Project Number: (7-15-20)

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

### WEST @ SURFACE H002298-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	0083104	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compounds b	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		100 %	73.3	-129	0083107	MS	01-Sep-20	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			122 %	44.3	-144	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			133 %	42.2	-156	0083105	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15

Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

### SOUTH @ SURFACE H002298-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	0083104	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		100 %	73.3	-129	0083107	MS	01-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									S-04_
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
DRO >C10-C28*	11.5		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			143 %	44.3	-144	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			160 %	42.2	-156	0083105	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15

Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

# SP 1 @ SURFACE

### H002298-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	49600		16.0	mg/kg	4	0083104	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0083107	MS	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID	)		99.8 %	73.3	-129	0083107	MS	01-Sep-20	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06
GRO C6-C10*	< 50.0		50.0	mg/kg	5	0083105	MS	01-Sep-20	8015B	
DRO >C10-C28*	6210		50.0	mg/kg	5	0083105	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	1860		50.0	mg/kg	5	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			129 %	44.3	-144	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			405 %	42.2	-156	0083105	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: LOST TANK 3 - 15 Project Number: (7-15-20)

Reported: 09-Sep-20 13:10

Hobbs NM, 88241

Project Manager: Cliff Brunson Fax To: (575) 397-0397

> SP 1 @ 1' H002298-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4560		16.0	mg/kg	4	0083104	GM	01-Sep-20	4500-Cl-B	
<b>Volatile Organic Compounds</b>	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		110 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			135 %	44.3	-144	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			150 %	42.2	-156	0083105	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc.

Project: LOST TANK 3 - 15

Reported: 09-Sep-20 13:10

P.O. Box 805 Hobbs NM, 88241 Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 1 @ 2' H002298-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					

 Inorganic Compounds
 Chloride
 352
 16.0
 mg/kg
 4
 0083104
 GM
 01-Sep-20
 4500-Cl-B

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Celeg D. Freene



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

### Analytical Results For:

BBC International, Inc.

Project: LOST TANK 3 - 15

Reported: 09-Sep-20 13:10

P.O. Box 805 Hobbs NM, 88241 Project Number: (7-15-20)

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 1 @ 3' H002298-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	0083104	GM	01-Sep-20	4500-Cl-B	

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Celeg D. treens



### Analytical Results For:

BBC International, Inc.

Project: LOST TANK 3 - 15

Reported: 09-Sep-20 13:10

P.O. Box 805 Hobbs NM, 88241 Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

## SP 2 @ SURFACE H002298-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	70400		16.0	mg/kg	4	0083104	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		116 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									S-06
GRO C6-C10*	< 50.0		50.0	mg/kg	5	0083105	MS	01-Sep-20	8015B	
DRO >C10-C28*	10400		50.0	mg/kg	5	0083105	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	3050		50.0	mg/kg	5	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			139 %	44.3	-144	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			595 %	42.2	-156	0083105	MS	01-Sep-20	8015B	

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Celeg D. Keene



### Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: LOST TANK 3 - 15 Project Number: (7-15-20)

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

SP 2 @ 1'

H002298-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	3920		16.0	mg/kg	4	0083104	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (Pa	ID)		111 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
DRO >C10-C28*	254		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	240		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			122 %	44.3	-144	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			152 %	42.2	-156	0083105	MS	01-Sep-20	8015B	

Cardinal Laboratories \*=Accredited Analyte

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Celeg D. Keena



### Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: LOST TANK 3 - 15
Project Number: (7-15-20)

Reported: 09-Sep-20 13:10

Hobbs NM, 88241

Project Manager: Cliff Brunson Fax To: (575) 397-0397

> SP 2 @ 2' H002298-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	800		16.0	mg/kg	4	0083104	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090317	MS	04-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090317	MS	04-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090317	MS	04-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090317	MS	04-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090317	MS	04-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		102 %	73.3	2-129	0090317	MS	04-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0090316	MS	03-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0090316	MS	03-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0090316	MS	03-Sep-20	8015B	
Surrogate: 1-Chlorooctane			84.8 %	44.3	?-144	0090316	MS	03-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			89.3 %	42.2	2-156	0090316	MS	03-Sep-20	8015B	

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Celeg D. Keene



### Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15

Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

SP 2 @ 3' H002298-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	0083104	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090406	MS	04-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090406	MS	04-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090406	MS	04-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090406	MS	04-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090406	MS	04-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		100 %	73.3	-129	0090406	MS	04-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0090803	MS	08-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0090803	MS	08-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0090803	MS	08-Sep-20	8015B	
Surrogate: 1-Chlorooctane			90.5 %	44.3	-144	0090803	MS	08-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			87.5 %	42.2	-156	0090803	MS	08-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15

Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

### SP 3 @ SURFACE H002298-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	25200		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	QM-07
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		120 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									S-06
GRO C6-C10*	< 50.0		50.0	mg/kg	5	0083105	MS	01-Sep-20	8015B	
DRO >C10-C28*	17300		50.0	mg/kg	5	0083105	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	5690		50.0	mg/kg	5	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			142 %	44.3	-144	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			1000 %	42.2	-156	0083105	MS	01-Sep-20	8015B	

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### **Analytical Results For:**

BBC International, Inc. P.O. Box 805

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15
Project Number: (7-15-20)

Project Manager: Cliff Brunson Fax To: (575) 397-0397 Reported: 09-Sep-20 13:10

SP 3 @ 1' H002298-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	432		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			111 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
DRO >C10-C28*	11.9		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			132 %	44.3	-144	0083105	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			147 %	42.2	-156	0083105	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15

Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

SP 3 @ 2'

H002298-15 (Soil)

Analyte		Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
				Cardina	ıl Laborat	ories					
Inorganic	Compounds										
Chloride		288		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	

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### Analytical Results For:

BBC International, Inc.

Project: LOST TANK 3 - 15
Project Number: (7-15-20)

Reported: 09-Sep-20 13:10

P.O. Box 805 Hobbs NM, 88241

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 3 @ 3' H002298-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	

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### Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15

Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

# SP 4 @ SURFACE

H002298-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	96800		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		112 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									S-06
GRO C6-C10*	< 50.0		50.0	mg/kg	5	0083106	MS	01-Sep-20	8015B	
DRO >C10-C28*	6620		50.0	mg/kg	5	0083106	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	1940		50.0	mg/kg	5	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			145 %	44.3	-144	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			440 %	42.2	-156	0083106	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: LOST TANK 3 - 15
Project Number: (7-15-20)

Reported: 09-Sep-20 13:10

Project Manager: Cliff Brunson Fax To: (575) 397-0397

> SP 4 @ 1' H002298-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	3240		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	)		112 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			142 %	44.3	-144	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			150 %	42.2	-156	0083106	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: LOST TANK 3 - 15
Project Number: (7-15-20)

Reported: 09-Sep-20 13:10

Hobbs NM, 88241

Project Manager: Cliff Brunson Fax To: (575) 397-0397

> SP 4 @ 2' H002298-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	912		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		110 %	73.3	-129	0090102	ms	01-Sep-20	8021B		
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			131 %	44.3	-144	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			139 %	42.2	-156	0083106	MS	01-Sep-20	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager

Reported:

4500-Cl-B

09-Sep-20 13:10



96.0

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

### Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241

**Inorganic Compounds** 

Chloride

Project: LOST TANK 3 - 15

Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

0090111

GM

01-Sep-20

SP 4 @ 3'

H002298-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										

mg/kg

16.0

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Celeg D. Kreene



96.0

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

### Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15

Project Number: (7-15-20) Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

SP 4 @ 4'

H002298-21 (Soil)

	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories											
	Inorganic Compounds										
	Chloride	96.0		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	

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Celeg D. Keene



### Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: LOST TANK 3 - 15 Project Number: (7-15-20) Hobbs NM, 88241

Project Manager: Cliff Brunson Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

### SP 5 @ SURFACE H002298-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	49600		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			111 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by GC	FID									S-06_
GRO C6-C10*	< 50.0		50.0	mg/kg	5	0083106	MS	01-Sep-20	8015B	
DRO >C10-C28*	8880		50.0	mg/kg	5	0083106	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	2650		50.0	mg/kg	5	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			138 %	44.3	-144	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			562 %	42.2	-156	0083106	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: LOST TANK 3 - 15 Project Number: (7-15-20)

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

SP 5 @ 1' H002298-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	416		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		111 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			140 %	44.3	-144	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			147 %	42.2	-156	0083106	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: LOST TANK 3 - 15 Project Number: (7-15-20)

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

SP 5 @ 2' H002298-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	688		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		111 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			127 %	44.3	-144	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			133 %	42.2	-156	0083106	MS	01-Sep-20	8015B	

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Reported:

09-Sep-20 13:10



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

### Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: LOST TANK 3 - 15

Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 5 @ 3' H002298-25 (Soil)

Analyte Result MDL Reporting Units Dilution Batch Analyst Analyzed Method Notes

**Cardinal Laboratories** 

 Inorganic Compounds

 Chloride
 112
 16.0
 mg/kg
 4
 0090111
 GM
 01-Sep-20
 4500-Cl-B

Cardinal Laboratories \*=Accredited Analyte

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Reported:

09-Sep-20 13:10



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

### Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15

Project Number: (7-15-20) Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 5 @ 4' H002298-26 (Soil)

### Cardinal Laboratories

**Inorganic Compounds** 0090111 GM 01-Sep-20 4500-Cl-B Chloride 160 16.0 mg/kg

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### Analytical Results For:

BBC International, Inc.

Project: LOST TANK 3 - 15

Reported: 09-Sep-20 13:10

P.O. Box 805 Hobbs NM, 88241 Project Number: (7-15-20)
Project Manager: Cliff Brunson

vianager: Cilit Brunson

Fax To: (575) 397-0397

## SP 6 @ SURFACE H002298-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	36000		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		108 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									S-06
GRO C6-C10*	< 50.0		50.0	mg/kg	5	0083106	MS	01-Sep-20	8015B	
DRO >C10-C28*	3800		50.0	mg/kg	5	0083106	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	1380		50.0	mg/kg	5	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			94.8 %	44.3	-144	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			262 %	42.2	-156	0083106	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: LOST TANK 3 - 15 roject Number: (7-15-20)

Reported: 09-Sep-20 13:10

Hobbs NM, 88241

Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

### SP 6 @ 1' H002298-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	880		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		112 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			129 %	44.3	-144	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			136 %	42.2	-156	0083106	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc. P.O. Box 805

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15

Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

### SP 6 @ 2' H002298-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	752		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	0090102	ms	01-Sep-20	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			111 %	73.3	-129	0090102	ms	01-Sep-20	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctane			135 %	44.3	-144	0083106	MS	01-Sep-20	8015B	
Surrogate: 1-Chlorooctadecane			141 %	42.2	-156	0083106	MS	01-Sep-20	8015B	

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### Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15

Project Number: (7-15-20)
Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Reported: 09-Sep-20 13:10

SP 6 @ 3'

H002298-30 (Soil)

Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
Cardinal Laboratories												
Inorganic Compounds												
Chloride	64.0		16.0	mg/kg	4	0090111	GM	01-Sep-20	4500-Cl-B			

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### Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15

Project Number: (7-15-20) Project Manager: Cliff Brunson

Reported: 09-Sep-20 13:10

Fax To: (575) 397-0397

SP 6 @ 4' H002298-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes

**Inorganic Compounds** 16.0 0090111 GM 01-Sep-20 4500-Cl-B Chloride 96.0 mg/kg

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### **Analytical Results For:**

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15
Project Number: (7-15-20)
Project Manager: Cliff Brunson

Reported: 09-Sep-20 13:10

Fax To: (575) 397-0397

### **Inorganic Compounds - Quality Control**

### **Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 0083104 - 1:4 DI Water										
Blank (0083104-BLK1)				Prepared &	z Analyzed:	31-Aug-20				
Chloride	ND	16.0	mg/kg							
LCS (0083104-BS1)				Prepared &	Analyzed:	31-Aug-20	ı			
Chloride	416	16.0	mg/kg	400	·	104	80-120		·	·
LCS Dup (0083104-BSD1)				Prepared &	Analyzed:	31-Aug-20	1			
Chloride	400	16.0	mg/kg	400		100	80-120	3.92	20	
Batch 0090111 - 1:4 DI Water										
Blank (0090111-BLK1)				Prepared &	Analyzed:	01-Sep-20				
Chloride	ND	16.0	mg/kg							
LCS (0090111-BS1)				Prepared &	Analyzed:	01-Sep-20				
Chloride	400	16.0	mg/kg	400		100	80-120			
LCS Dup (0090111-BSD1)				Prepared &	z Analyzed:	01-Sep-20				
Chloride	416	16.0	mg/kg	400		104	80-120	3.92	20	

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%REC

### **Analytical Results For:**

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15 Project Number: (7-15-20)

Spike

Source

Reported: 09-Sep-20 13:10

RPD

Project Manager: Cliff Brunson Fax To: (575) 397-0397

### Volatile Organic Compounds by EPA Method 8021 - Quality Control

### **Cardinal Laboratories**

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0083107 - Volatiles										
Blank (0083107-BLK1)				Prepared: 3	31-Aug-20 A	Analyzed: (	)1-Sep-20			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		100	73.3-129			
LCS (0083107-BS1)				Prepared: 3	31-Aug-20 A	Analyzed: (	)1-Sep-20			
Benzene	1.99	0.050	mg/kg	2.00		99.7	72.2-131			
Toluene	2.00	0.050	mg/kg	2.00		100	71.7-126			
Ethylbenzene	1.96	0.050	mg/kg	2.00		98.1	68.9-126			
Total Xylenes	5.63	0.150	mg/kg	6.00		93.9	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0504		mg/kg	0.0500		101	73.3-129			
LCS Dup (0083107-BSD1)				Prepared: 3	31-Aug-20 A	Analyzed: (	01-Sep-20			
Benzene	2.07	0.050	mg/kg	2.00		103	72.2-131	3.55	14.6	
Toluene	2.09	0.050	mg/kg	2.00		104	71.7-126	4.16	17.4	
Ethylbenzene	2.06	0.050	mg/kg	2.00		103	68.9-126	4.68	18.9	
Total Xylenes	5.91	0.150	mg/kg	6.00		98.4	71.4-125	4.75	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0512		mg/kg	0.0500		102	73.3-129			

### Batch 0090102 - Volatiles

Blank (0090102-BLK1)				Prepared & Analyz	zed: 01-Sep-20			
Benzene	ND	0.050	mg/kg					
Toluene	ND	0.050	mg/kg					
Ethylbenzene	ND	0.050	mg/kg					
Total Xylenes	ND	0.150	mg/kg					
Total BTEX	ND	0.300	mg/kg					
Surrogate: 4-Bromofluorobenzene (PID)	0.0553		mg/kg	0.0500	111	73.3-129		

# Cardinal Laboratories

\*=Accredited Analyte

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



### Analytical Results For:

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

Project: LOST TANK 3 - 15 Project Number: (7-15-20)

Reported: 09-Sep-20 13:10

Project Manager: Cliff Brunson Fax To: (575) 397-0397

### Volatile Organic Compounds by EPA Method 8021 - Quality Control

### **Cardinal Laboratories**

	D 1	Reporting	TT '4	Spike	Source	0/DEC	%REC	DDD	RPD	NI.
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0090102 - Volatiles										
LCS (0090102-BS1)				Prepared &	Analyzed:	01-Sep-20				
Benzene	1.94	0.050	mg/kg	2.00		96.9	72.2-131			
Toluene	1.97	0.050	mg/kg	2.00		98.3	71.7-126			
Ethylbenzene	1.94	0.050	mg/kg	2.00		97.2	68.9-126			
Total Xylenes	5.93	0.150	mg/kg	6.00		98.8	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0517		mg/kg	0.0500		103	73.3-129			
LCS Dup (0090102-BSD1)				Prepared &	Analyzed:	01-Sep-20				
Benzene	2.01	0.050	mg/kg	2.00		101	72.2-131	3.75	14.6	
Toluene	2.02	0.050	mg/kg	2.00		101	71.7-126	2.88	17.4	
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.9	68.9-126	1.75	18.9	
Total Xylenes	6.02	0.150	mg/kg	6.00		100	71.4-125	1.50	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0512		mg/kg	0.0500		102	73.3-129			
Batch 0090317 - Volatiles										
Blank (0090317-BLK1)				Prepared &	Analyzed:	03-Sep-20				
Benzene	ND	0.050	mg/kg	_						
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0514		mg/kg	0.0500		103	73.3-129			
LCS (0090317-BS1)				Prepared &	Analyzed:	03-Sep-20				
Benzene	2.08	0.050	mg/kg	2.00		104	72.2-131			
Toluene	2.08	0.050	mg/kg	2.00		104	71.7-126			
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	68.9-126			
Total Xylenes	5.98	0.150	mg/kg	6.00		99.7	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0526		mg/kg	0.0500		105	73.3-129			

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Celeg D. treens

Celey D. Keene, Lab Director/Quality Manager



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### Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15 Project Number: (7-15-20)

Project Manager: Cliff Brunson Fax To: (575) 397-0397

Spike

Source

Reported: 09-Sep-20 13:10

RPD

### **Volatile Organic Compounds by EPA Method 8021 - Quality Control**

### **Cardinal Laboratories**

Reporting

		Reporting		Spike	Source		/OKLC		KI D	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0090317 - Volatiles										
LCS Dup (0090317-BSD1)				Prepared &	Analyzed:	03-Sep-20				
Benzene	2.12	0.050	mg/kg	2.00		106	72.2-131	2.11	14.6	
Toluene	2.13	0.050	mg/kg	2.00		106	71.7-126	2.14	17.4	
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	68.9-126	2.20	18.9	
Total Xylenes	6.13	0.150	mg/kg	6.00		102	71.4-125	2.35	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0527		mg/kg	0.0500		105	73.3-129			
Batch 0090406 - Volatiles										
Blank (0090406-BLK1)				Prepared &	: Analyzed:	04-Sep-20				
Benzene	ND	0.050	mg/kg							
Гoluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0506		mg/kg	0.0500		101	73.3-129			
LCS (0090406-BS1)				Prepared &	Analyzed:	04-Sep-20				
Benzene	2.09	0.050	mg/kg	2.00		104	72.2-131			
Гoluene	2.09	0.050	mg/kg	2.00		105	71.7-126			
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	68.9-126			
Total Xylenes	6.03	0.150	mg/kg	6.00		100	71.4-125			
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	73.3-129			
LCS Dup (0090406-BSD1)				Prepared &	Analyzed:	04-Sep-20				
Benzene	2.14	0.050	mg/kg	2.00		107	72.2-131	2.67	14.6	
Гoluene	2.15	0.050	mg/kg	2.00		108	71.7-126	2.82	17.4	
Ethylbenzene	2.15	0.050	mg/kg	2.00		107	68.9-126	3.00	18.9	
Total Xylenes	6.21	0.150	mg/kg	6.00		103	71.4-125	2.90	18.5	
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	73.3-129			

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

### Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15
Project Number: (7-15-20)

Spike

Source

Reported: 09-Sep-20 13:10

RPD

Project Manager: Cliff Brunson Fax To: (575) 397-0397

### Petroleum Hydrocarbons by GC FID - Quality Control

### **Cardinal Laboratories**

Reporting

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0083105 - General Prep - Organics										
Blank (0083105-BLK1)				Prepared: 3	31-Aug-20 A	Analyzed:	01-Sep-20			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	64.6		mg/kg	50.0		129	44.3-144			
Surrogate: 1-Chlorooctadecane	70.3		mg/kg	50.0		141	42.2-156			
LCS (0083105-BS1)				Prepared: 3	31-Aug-20 A	Analyzed:	01-Sep-20			
GRO C6-C10	167	10.0	mg/kg	200		83.5	78.8-127			
DRO >C10-C28	162	10.0	mg/kg	200		81.1	80-132			
Total TPH C6-C28	329	10.0	mg/kg	400		82.3	81.3-128			
Surrogate: 1-Chlorooctane	65.2		mg/kg	50.0		130	44.3-144			
Surrogate: 1-Chlorooctadecane	70.1		mg/kg	50.0		140	42.2-156			
LCS Dup (0083105-BSD1)				Prepared: 3	31-Aug-20 A	Analyzed:	01-Sep-20			
GRO C6-C10	172	10.0	mg/kg	200		86.0	78.8-127	3.02	15.1	
DRO >C10-C28	174	10.0	mg/kg	200		87.1	80-132	7.11	17.1	
Total TPH C6-C28	346	10.0	mg/kg	400		86.5	81.3-128	5.05	15	
Surrogate: 1-Chlorooctane	63.3		mg/kg	50.0		127	44.3-144			
Surrogate: 1-Chlorooctadecane	70.1		mg/kg	50.0		140	42.2-156			
Batch 0083106 - General Prep - Organics										
Blank (0083106-BLK1)				Prepared: 3	31-Aug-20 A	Analyzed:	01-Sep-20			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	67.2		mg/kg	50.0		134	44.3-144			

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mg/kg

50.0

142

42.2-156

70.8

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Celeg D. Keene

Surrogate: 1-Chlorooctadecane



### Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15 Project Number: (7-15-20)

Project Manager: Cliff Brunson Fax To: (575) 397-0397 Reported: 09-Sep-20 13:10

### Petroleum Hydrocarbons by GC FID - Quality Control

### **Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Thatye	Result	Liiiit	Omis	Level	Result	70KLC	Limits	МЪ	Lillit	riotes
Batch 0083106 - General Prep - Organics										
LCS (0083106-BS1)				Prepared: 3	31-Aug-20 A	Analyzed: (	)1-Sep-20			
GRO C6-C10	174	10.0	mg/kg	200		86.9	78.8-127			
DRO >C10-C28	177	10.0	mg/kg	200		88.6	80-132			
Total TPH C6-C28	351	10.0	mg/kg	400		87.7	81.3-128			
Surrogate: 1-Chlorooctane	68.0		mg/kg	50.0		136	44.3-144			
Surrogate: 1-Chlorooctadecane	72.1		mg/kg	50.0		144	42.2-156			
LCS Dup (0083106-BSD1)				Prepared: 3	31-Aug-20 A	Analyzed: (	01-Sep-20			
GRO C6-C10	180	10.0	mg/kg	200		90.2	78.8-127	3.71	15.1	
DRO >C10-C28	183	10.0	mg/kg	200		91.6	80-132	3.40	17.1	
Total TPH C6-C28	364	10.0	mg/kg	400		90.9	81.3-128	3.55	15	
Surrogate: 1-Chlorooctane	65.9		mg/kg	50.0		132	44.3-144			
Surrogate: 1-Chlorooctadecane	69.7		mg/kg	50.0		139	42.2-156			
Batch 0090316 - General Prep - Organics										
Blank (0090316-BLK1)				Prepared &	Analyzed:	03-Sep-20				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	40.3		mg/kg	50.0		80.7	44.3-144			
Surrogate: 1-Chlorooctadecane	40.2		mg/kg	50.0		80.4	42.2-156			
LCS (0090316-BS1)				Prepared &	z Analyzed:	03-Sep-20				
GRO C6-C10	197	10.0	mg/kg	200		98.3	78.8-127			
DRO >C10-C28	195	10.0	mg/kg	200		97.5	80-132			
Total TPH C6-C28	392	10.0	mg/kg	400		97.9	81.3-128			
	44.4		/1	50.0		88.8	44.3-144			
Surrogate: 1-Chlorooctane	44.4		mg/kg	30.0		00.0	77.3-177			

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



%PEC

### **Analytical Results For:**

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: LOST TANK 3 - 15
Project Number: (7-15-20)

Snika

Project Manager: Cliff Brunson Fax To: (575) 397-0397 Reported: 09-Sep-20 13:10

DDD

### Petroleum Hydrocarbons by GC FID - Quality Control

### **Cardinal Laboratories**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 0090316 - General Prep - Organics										
LCS Dup (0090316-BSD1)				Prepared &	Analyzed:	03-Sep-20				
GRO C6-C10	212	10.0	mg/kg	200		106	78.8-127	7.44	15.1	
DRO >C10-C28	221	10.0	mg/kg	200		110	80-132	12.3	17.1	
Total TPH C6-C28	432	10.0	mg/kg	400		108	81.3-128	9.90	15	
Surrogate: 1-Chlorooctane	43.4		mg/kg	50.0		86.8	44.3-144			
Surrogate: 1-Chlorooctadecane	44.7		mg/kg	50.0		89.4	42.2-156			
Batch 0090803 - General Prep - Organics										
Blank (0090803-BLK1)				Prepared &	z Analyzed:	08-Sep-20				
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	48.6		mg/kg	50.0		97.2	44.3-144			
Surrogate: I-Chlorooctadecane	47.0		mg/kg	50.0		94.1	42.2-156			
LCS (0090803-BS1)				Prepared: (	)8-Sep-20 A	Analyzed: 0	9-Sep-20			
GRO C6-C10	171	10.0	mg/kg	200		85.5	78.8-127			
DRO >C10-C28	191	10.0	mg/kg	200		95.7	80-132			
Total TPH C6-C28	363	10.0	mg/kg	400		90.6	81.3-128			
Surrogate: 1-Chlorooctane	47.0		mg/kg	50.0		94.1	44.3-144			
Surrogate: I-Chlorooctadecane	48.9		mg/kg	50.0		97.7	42.2-156			
LCS Dup (0090803-BSD1)				Prepared &	z Analyzed:	08-Sep-20				
GRO C6-C10	193	10.0	mg/kg	200		96.3	78.8-127	11.8	15.1	
DRO >C10-C28	179	10.0	mg/kg	200		89.3	80-132	6.96	17.1	
Total TPH C6-C28	371	10.0	mg/kg	400		92.8	81.3-128	2.36	15	
Surrogate: 1-Chlorooctane	50.8		mg/kg	50.0		102	44.3-144			
Surrogate: 1-Chlorooctadecane	50.5		mg/kg	50.0		101	42.2-156			

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



### **Notes and Definitions**

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Kreene

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

## **CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

144

Released to Imaging: 6/23/2021 10:50:34 AM

Company Name	BBC International,	Inc.								BII	LL TO	i a digita I				Α	NAL'	YSIS I	REG	UES	ST.		
Project Manage	r: Cliff Brunson							P.O	. #:														
Address: P.O.	. Box 805							Con	npar	ıy: (	OXY												1
city: Hobbs		State: NM zi	p: 8	3824	1			Attr	1:	WADE	=												1
Phone #: 575-	397-6388 F	ax #: 575-39	7-0	397					ires														1
Project #:	P	roject Owner: C	ху					City	<b>/:</b>														1
Project Name:	Lost Tank 3-15 (7-15-2							Stat	te:		Zip:												ĺ
	n: EDDY COUNTY, NN							Phone #:														1	
Sampler Name:								Fax #:														1	
FOR LAB USE ONLY			T		MA	ATRI	x	T	PRES	SERV	SAMPL	ING											
Lab I.D.	Sample I.D		AIN	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	OTHER:	DATE	TIME	CL	втех	трн ехт								
1	North @ Surface		1		1						8/27/20	9:05 AM	1	1	1						T I		
2		1	L							ı	8/27/20	9:17 AM	1	1	1								
3	West @ Surface		П								8/27/20	9:34 AM	1	1	1								
4	South @ Surface		Ш								8/27/20	9:45 AM	1	1	1								
5	SP1 @ Surface		Ш								8/27/20	10:05 AM	1	1	1								
6	SP1 @ 1'		П								8/27/20	10:16 AM	1	1	1								
2	SP1 @ 2'										8/27/20	10:46 AM	1										
8	SP1 @ 3'										8/27/20	11:07 AM	1										
9	SP2 @ Surface										8/27/20	11:22 AM	1	1	1								
10	SP2 @ 1'		11	,	1					4	8/27/20	11:38 AM	1	1	1								i –

Relinquished By:	Date: Received By:	Phone Result:	☐ Yes	☐ No	Add'l Phone #:
	63120 11.	Fax Result:	☐ Yes	□ No	Add'l Fax #:
James Kouseller	Time: 7:00 Mm Sprachen	REMARKS:			
Relinquished By:	Date: Received By:				
Sugal Louis	Time: Mulara	Eldal (	**		
Delivered By: (Circle One)	1910 798/31/20Sample Condition	CHECKED BY:			
Sampler - UPS - Bus - Other:	Dec 4/13 Gool Intact No Gool Intact	(Initials)			

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# age 56 of 59

# Received by OCD: 2/8/2021 1:56:12 PA

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2044

Released to Imaging: 6/23/2021 10:50:34 AM

## ARDINAL LABORATORIES

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

Company Name	BBC International, Inc.								[8]	E	3/1	LL TO	l lige II					ANA	LYSIS	RE	QUE	ST		
Project Manage	r: Cliff Brunson							P.0	O. #:															
Address: P.O.	Box 805							Co	mpa	any:	С	XY												
city: Hobbs	State: NM	Zip	: 8	3824	11					WA														
Phone #: 575-	397-6388 Fax #: 575	-39	7-0	397					dres															
Project #:	Project Owner	: 0	ху					Cit	y:															
Project Name:	ost Tank 3-15 (7-15-20)							Sta	ate:			Zip:												
Project Location	: EDDY COUNTY, NM							Phone #:																
Sampler Name:	1924CF ECC 19							Fa	x #:															
FOR LAB USE ONLY					M	ATRI	X		PRE	SER	۱V	SAMPL	ING											
Lab I.D. <i>H0032</i> 98	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	CL	втех	трн ехт								
//	SP2 @ 2'	G	1		1					1		8/27/20	11:53 AM	1	X	X		3 1	led	19	121	20	70.	
12	SP2 @ 3'		1		- 1					1		8/27/20	12:44 PM	1	X	X	a	au	ia	"/	7	$\omega$		
13	SP3 @ Surface	Ш	Ш									8/27/20	1:07 PM	1	1	1								
14	SP3 @ 1'									1		8/27/20	1:19 PM	1	1	1								
15	SP3 @ 2'		П									8/27/20	1:33 PM	1										
16	SP3 @ 3'											8/27/20	1:48 PM	1										
17	SP4 @ Surface									П		8/27/20	2:18 PM	1	1	1								
18	SP4 @ 1'	П									T	8/27/20	2:34 PM	1	1	1								
19	SP4 @ 2'	П	П								T	8/27/20	2:48 PM	1	1	1								
20	SP4 @ 3'	1	1		4	1			-	1		8/27/20	3:07 PM	1		1007								
PLEASE NOTE: Liability at	nd Damages. Cardinal's liability and client's exclusive remedy for a	ny cla	m aris	ing whe	her bas	ed in c	ontrac	or to	t, shall	be limi	ted to	o the amount pa	id by the client for	the							_			

PLEASE NOTE: Luability and Damages Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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 consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of profits incurred by client, its subsidiaries, affiliates or successors arising out of profits incurred by client, its subsidiaries,

Relinquished By: /	Date: Receive	d By:		Phone Result:	☐ Yes	□ No	Add'l Phone #:
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7510000	1.170	unana i	Leccord				
Delivered By: (Circle One)	1410	Sample Condition	CHECKED BY:				
76 (0 %)	0 /	Cool Intact	(Initials)				
Sampler - UPS - Bus - Other:	1) (or #112	Yes Yes	70-				
	0.00	☐ No ☐ No					

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# Received by OCD: 2/8/2021 1:56:12 PM

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3014

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

	<ul> <li>BBC International</li> </ul>	al, Inc.							4	****	BI	LL TO					1	ANAL	YSIS	RE	QUES	ST		
Project Manage	r: Cliff Brunson	9	0	18					P.C	). #:														
Address: P.O.	Box 805								Co	mpai	ny:	OXY												
city: Hobbs		State: NM	Zip	: 8	824	1					WAD													
Phone #: 575-3	397-6388	Fax #: 575-3	397	7-03	97					dres		-												
Project #:		Project Owner:	0	сy					City	v:														
Project Name: L	ost Tank 3-15 (7-15								Sta			Zip:												
	EDDY COUNTY,								acres acre	one #	<b>#</b> :													
Sampler Name:	The state of the s				0				Fax #:															
FOR LAB USE ONLY			52			MA	TRIX	_	_		SERV	. SAMPL	ING											
Lab I.D. <i>H0023</i> 48	Sample I.	.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER:	DATE	TIME	CL	втех	трн ехт								
21	SP4 @ 4'		G	1		1					1	8/27/20	3:19 PM	1										
23	SP5 @ Surface		1	1		1					1	8/28/20	8:45 AM	1	1	1								
23	SP5 @ 1'			Ш	_	Ш						8/28/20	8:57 AM	1	1	1								
24	SP5 @ 2'			Ш		1						8/28/20	9:12 AM	1	1	1								
as	SP5 @ 3'			Ш								8/28/20	9:29 AM	1										
26	SP5 @ 4'			Ш								8/28/20	9:42 AM	1										
27	SP6 @ Surface			Ш								8/28/20	10:02 AM	1	1	1								
28	SP4 @ 4' SP5 @ Surface SP5 @ 1' SP5 @ 2' SP5 @ 3' SP5 @ 4' SP6 @ Surface SP6 @ 1'											8/28/20	10:23 AM	1	1	1								
01	SP6 @ 2											8/28/20	10:38 AM	1	1	1								
	SP6 @ 3'		1	V		A				•	1	8/28/20	10:53 AM	1										
PLEASE NOTE: Liability an analyses All claims including	d Damages. Cardinal's liability and clie ig those for negligence and any other of	ent's exclusive remedy for any	clair	n arisin	whethe	r base	d in co	ntract	or tort,	shall b	e limited	to the amount pa	id by the client for	the	4000	/								

PLEASE NOTE: Liability and Damages Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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 consequental 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 refated to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: Receive		/ / / / / / / / / / / / / / / / / / /	Phone Result:	□ Yes	□ No	Add'l Phone #:
()- // /	_ 631-0	Mars 14		Fax Result:	□ Yes	□ No	Add'l Fax #:
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	8-31-20	/	1111/1/1/1				
Mallona	Time	1Pillaba X	WARKIC				
Delivered By: (Circle One)	1410	Sample Condition	CHECKED BY:				
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Sampler - UPS - Bus - Other:	N.60 #113	Yes Yes	As-				
	0.00 4910	□ No □ No		_			

Released to Imaging: 6/23/2021 10:50:34 AM

<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

# Received by OCD: 2/8/2021 1:56:12 PM

# ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

40f4

Released to Imaging: 6/23/2021 10:50:34 AM

(505) 393-2326 FAX (5		0																						
Company Name: BBC International, Inc.								BILL TO							ANALYSIS REQUEST									
Project Manager: Cliff Brunson								P.O. #: Company: OXY																
Address: P.O. Box 805																								
City: Hobbs State: NM Zip: 88241								Attn: WADE																
Phone #: 575-397-6388 Fax #: 575-397-0397								Address:																
Project #: Project Owner: Oxy								City:													-			
Project Name: Lost Tank 3-15 (7-15-20)								State: Zip:																
Project Location: EDDY COUNTY, NM								Phone #:																
Sampler Name: Simon Rendon								Fax #:																
FOR LAB USE ONLY MATRIX						PRE	SER	V.	SAMPL	NG														
Lab I.D. Sample I.D		(G)RAB OR (C)OMP.	# CONTAINERS	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME	CL.	втех	трн ехт								
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		-	+	+	-			$\dashv$	+	-	+							-					,	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's analyses. All claims including those for negligence and any other causi	exclusive remedy for any	claim	arising	whether	r based	in cor	ntract o	or tort,	shall	be limit	ted to	the amount par	d by the client for	the										 
service. In no event shall Cardinal be hable for incidental or consequen affiliates of successors arising out of or religited to the performance of se	ital damages, including w	thout	limitatio	n. busin	iess inte	errupti	ons lo	ss of	USP O	lasar	of pro	fits incurred by	lient ite euheidia	riac	ble									
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<sup>†</sup> Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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

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

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

1220 S. St Francis Dr., Santa Fe, NM 87505 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 17426

### **CONDITIONS**

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	17426
	Action Type:
	[C-141] Release Corrective Action (C-141)

### CONDITIONS

Created	Condition	Condition
Ву		Date
ceads	The depth to groundwater has not been adequately determined. When nearby wells are used to determine depth to groundwater, the wells should be no further than ½ mile away from the site,	6/23/2021
	and data should be no more than 25 years old, and well construction information should be provided in the submission. The responsible party may choose to remediate to the most stringent	
	levels listed in Table 1 of 19.15.29 NMAC in lieu of drilling to determine the depth to groundwater.	