

February 7, 2025

New Mexico Oil Conservation Division

1220 South St. Francis Drive Santa Fe, New Mexico 87505

Re: Remediation Work Plan

Cedar Canyon WTF

Incident Numbers nAB1831034687, nAB1903143107, nAPP2220159690, nAPP2220849585, nAPP2225058687, nAPP2306952144, nAPP2327858634,

nAPP2406733462 API: 30-015-42797

Eddy County, New Mexico

To Whom It May Concern:

Ensolum, LLC (Ensolum), on behalf of Oxy USA Inc. (Oxy), has prepared the following *Remediation Work Plan (Work Plan)* to document assessment activities completed to date and propose a work plan to address impacted soil identified at the Cedar Canyon WTF (Site). The purpose of assessment activities was to delineate the lateral and vertical extent of impacted soil resulting from multiple releases of produced water. The following *Work Plan* proposes to excavate impacted soil within the release extent.

SITE DESCRIPTION AND RELEASE SUMMARY

The Site is located in Unit K, Section 15, Township 24 South, Range 29 East, in Eddy County, New Mexico (32.215953°, -103.975829°) and is associated with oil and gas exploration and production operations on private land owned by Oxy.

nAB1831034687

On August 15, 2018, a tank overflowed, resulting in the release of 120 barrels (bbls) of produced water into the lined secondary containment. The Site was reported to have no fluids recovered but after review of internal documents, a vacuum truck was dispatched to the Site to recover free-standing fluids; 110 bbls of produced water were recovered. Oxy reported the release to the New Mexico Oil Conservation Division (NMOCD) and submitted a Release Notification Form C-141 (Form C-141) on November 6, 2018. The release was assigned Incident Number nAB1831034687.

nAB1903143107

On December 11, 2018, a steel pipe failed, resulting in the release of 10 bbls of produced water onto the surface of the treatment facility. No free-standing fluids were recovered. Oxy reported the release to the NMOCD and submitted a Form C-141 on January 25, 2019. The release was assigned Incident Number nAB1903143107.

nAPP2220159690

On July 15, 2022, failure of a production flowline resulted in the release of 100 bbls of produced water onto the surface of the treatment facility. A vacuum truck was dispatched to the Site to recover free-

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standing fluids; 85 bbls of produced water were recovered. Oxy reported the release to the NMOCD via email on July 20, 2022. The release was assigned Incident Number nAPP2220159690

nAPP2220849585

On July 22, 2022, an inlet to a water treatment facility polyline split at the seam, resulting in the release of 10 bbls of produced water onto the surface of the treatment facility. A vacuum truck was dispatched to the Site to recover free-standing fluids; 6 bbls of produced water were recovered. Oxy reported the release to the NMOCD and submitted a Form C-141 on September 23, 2022. The release was assigned Incident Number nAPP2220849585.

nAPP2225058687

On August 25, 2022, a suction inlet flange on a transfer pump separated, resulting in the release of 215 bbls of produced water onto the surface of the treatment facility. A vacuum truck was dispatched to the Site to recover free-standing fluids; 205 bbls of produced water were recovered. Oxy reported the release to the NMOCD and submitted a Form C-141 on September 22, 2022. The release was assigned Incident Number nAPP2225058687.

nAPP2306952144

On February 25, 2023, a level indicator failure resulted in the release of 120 bbls of produced water onto the surface of the treatment facility. A vacuum truck was dispatched to the Site to recover free-standing fluids; 110 bbls of produced water were recovered. Oxy reported the release to the NMOCD and submitted a Form C-141 on March 10, 2023. The release was assigned Incident Number nAPP2306952144.

nAPP2327858634

On October 4, 2023, equipment failure resulted in the release of 20 bbls of produced water onto the surface of the treatment facility. A vacuum truck was dispatched to the Site to recover free-standing fluids; 10 bbls of produced water were recovered. Oxy reported the release to the NMOCD and submitted a Form C-141 on November 2, 2023. The release was assigned Incident Number nAPP2327858634.

nAPP2406733462

On March 6, 2024, equipment failure resulted in the release of 25 bbls of produced water onto the surface of the treatment facility. No free-standing fluids were recovered. Oxy reported the release to the NMOCD via email on March 7, 2024. The release was assigned Incident Number nAPP2406733462.

SITE CHARACTERIZATION AND CLOSURE CRITERIA

The Site was characterized for applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization are summarized below and detailed in the NMOCD permitting portal Form C-141 Site Characterization section.

Depth to groundwater at the Site is estimated to be less than 50 feet below ground surface (bgs) based on the nearest groundwater well data. The closest permitted groundwater well with depth to groundwater data is New Mexico Office of the State Engineer (NMOSE) soil boring C-04778 POD 1, located approximately 0.3 miles northwest of the Site. The soil boring has a reported depth to groundwater of 18 feet bgs and a total depth of 40 feet bgs. All wells used for depth to groundwater determination are presented on Figure 1 and the associated well records are included in Appendix A.



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The closest continuously flowing or significant watercourse to the Site is a riverine, located approximately 1,845 feet west of the Site. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake and greater than 300 feet from an occupied residence, school, hospital, institution, church, or wetland. The Site is greater than 1,000 feet to a freshwater well or spring. The Site is within a 100-year floodplain. The Site is not overlying a subsurface mine. The Site is underlain by unstable geology (medium potential karst designation area). Potential Site receptors are identified in Figure 1.

Based on the results of the Site Characterization, the following NMOCD Table 1 Closure Criteria (Closure Criteria) apply:

- Benzene: 10 milligrams per kilogram (mg/kg)
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg
- Total petroleum hydrocarbons (TPH): 100 mg/kg
- Chloride: 600 mg/kg

SITE ASSESSMENT AND DELINEATION ACTIVITIES

Between May 23, 2024 and July 16, 2024, BBC International Incorporated (BBC) completed Site assessment and delineation activities. Soil samples SP N, SP E, SP S, SP W, and B 1 through B 20 were collected around the release extents at depths of 0.5 feet and 1-foot bgs to confirm the lateral extent of the releases. Potholes SP 1 through SP 2 were advanced within the release extents to confirm the vertical extent of the releases. The potholes were advanced to maximum depths ranging from 3 feet to 8 feet bgs. Discrete soil samples were collected from each pothole at depths ranging from 0.5 feet bgs to 8 feet bgs.

On January 23, 2025, Ensolum personnel returned to the Site to complete additional delineation activities. Soil samples SS01 through SS08 were collected around the release extents at a depth of 0.5 feet bgs to further confirm the lateral extent of the release. Soil was field screened for volatile organic compounds (VOCs) utilizing a calibrated photoionization detector (PID) and chloride using Hach® chloride QuanTab® test strips. The release extents and soil sample locations are depicted on Figure 2. Photographic documentation was completed during the site visits and a photographic log is included in Appendix B.

The soil samples were placed directly into pre-cleaned glass jars, labeled with the location, date, time, sampler name, method of analysis, and immediately placed on ice. The soil samples were transported under strict chain-of-custody procedures to Cardinal Laboratories (Cardinal) in Hobbs, New Mexico, for analysis of BTEX following United States Environmental Protection Agency (EPA) Method 8021B; TPH-gasoline range organics (GRO), TPH-diesel range organics (DRO), and TPH-oil range organics (ORO) following EPA Method 8015M/D; and chloride following Standard Method SM4500 CI-B.

LABORATORY ANALYTICAL RESULTS

Laboratory analytical results for the delineation soil samples SP N, SP E, SP S, SP W, B 1 through B 20, SS01 through SS08, and pothole SP14 indicated all COC concentrations were compliant with the Site Closure Criteria. Laboratory analytical results for delineation soil samples collected from potholes SP 1 through SP 13, and SP 15 through SP 34 indicated BTEX and TPH concentrations were in compliance with the Closure Criteria, however, elevated chloride concentrations were present within the release extents at depths ranging from the ground surface to 7 feet bgs. Laboratory analytical results are presented in Table 1 and the complete laboratory reports and chain-of-custody documentation are presented in Appendix C.



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PROPOSED REMEDIATION WORK PLAN

The delineation soil sampling results indicate soil containing elevated chloride concentrations exists across an approximate 58,430 square foot area and extends to a maximum depth of 7 feet bgs. Oxy proposes to complete the following remediation activities:

- Excavation of chloride-impacted soil to a depth of 8 feet bgs. Excavation will proceed laterally
 until sidewall samples confirm chloride concentrations are compliant with the Closure Criteria or
 to the maximum extent possible based on the locations of active production equipment and
 utilities.
- The soil samples will be handled as described above and analyzed for BTEX, TPH, and chloride.
- An estimated 8,650 cubic yards of chloride impacted soil will be excavated. The excavated soil
 will be transferred to an approved landfill facility for disposal.
- The excavation will be backfilled and recontoured to match pre-existing conditions.

Due to the approximate 58,430 square foot area and presence of multiple utilities, Oxy requests a variance to complete excavation and soil sampling activities within 180 days of the date of approval of this *Work Plan* by the NMOCD.

If you have any questions or comments, please contact Mr. Beaux Jennings at (210) 219-8858 or bjennings@ensolum.com.

Sincerely, **Ensolum, LLC**

Hadlie Green Project Geologist

Madrie Dreen

Wade Dittrich, Oxy

Beaux Jennings Associate Principal

Appendices:

CC:

Figure 1 Site Receptor Map

Figure 2 Delineation Soil Sample Locations
Table 1 Soil Sample Analytical Results
Appendix A Referenced Well Records

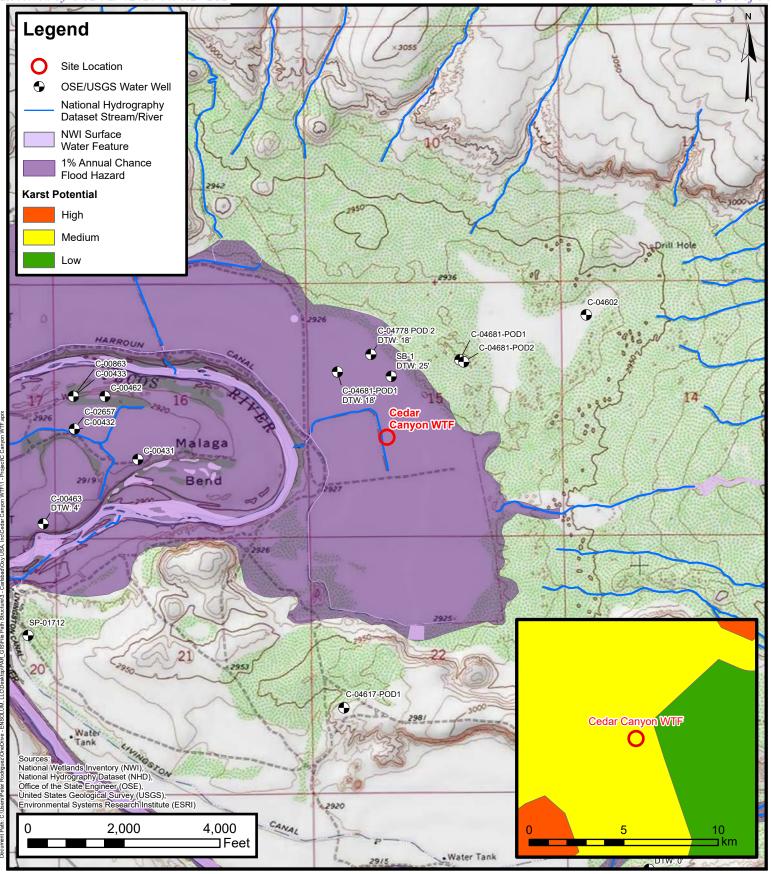
Appendix B Photographic Log

Appendix C Laboratory Analytical Reports & Chain-of-Custody Documentation





FIGURES





Site Receptor Map

Oxy USA Inc.

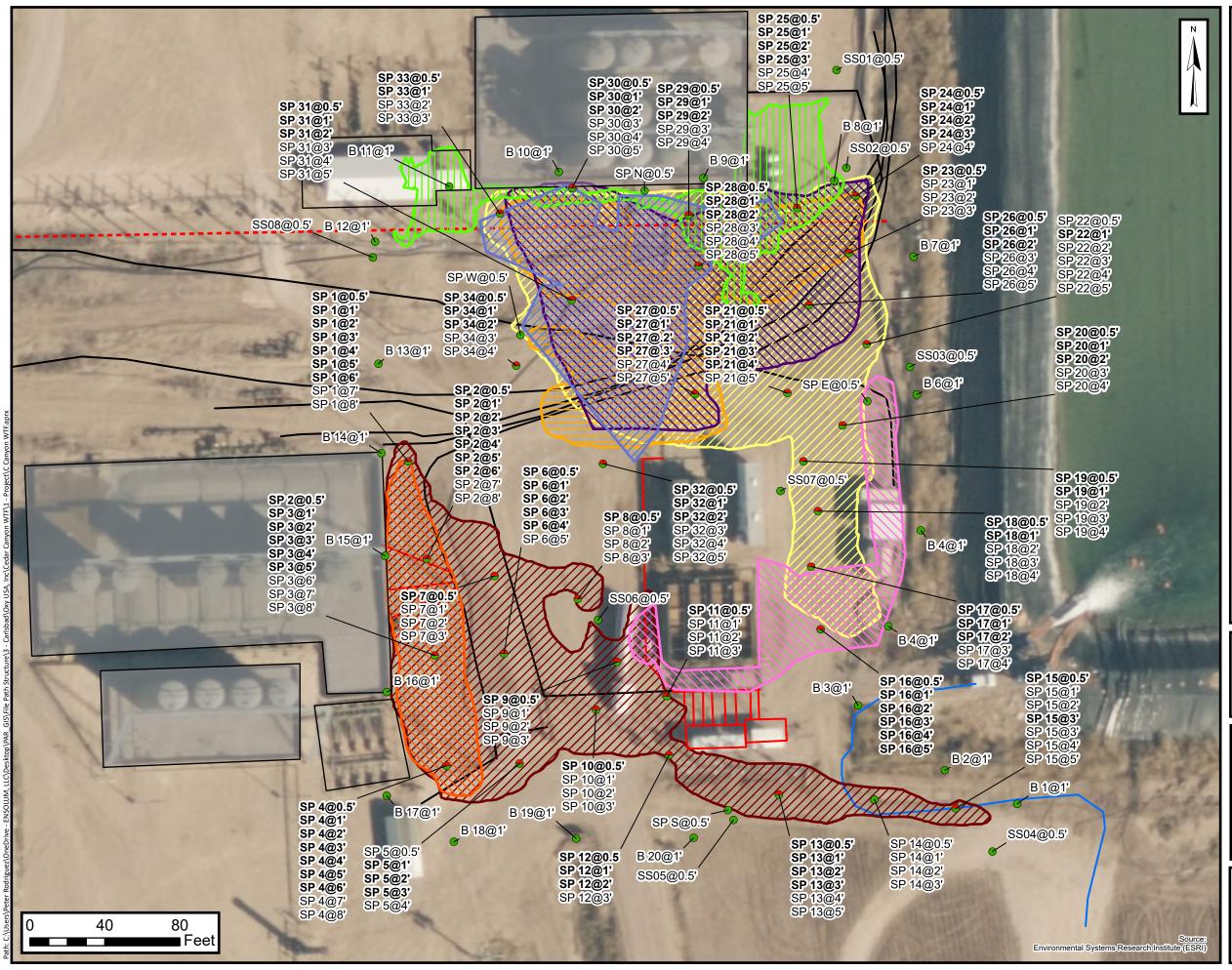
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Unit K, Section 15, T24S, R29E Eddy County, New Mexico **FIGURE**

1

Received by OCD: 2/7/2025 5:36:27 PM



Legend

- Delineation Soil Sample Compliant with Closure Criteria
- Delineation Soil Sample with Concentrations
 Previously Exceeding Closure Criteria

Electric Utility Line

Overhead Utility

Surface Line

Water Utility Line

Electrical Box

Lined Containment

Production Equipment

nAB1831034687 8/15/18 Release

nAB1903143107 12/11/18 Release

nAPP2220159690 7/15/22 Release

nAPP2220849585 7/22/22 Release

nAPP2225058687 8/25/22 Release

nAPP2306952144 2/25/23 Release

nAPP2327858634 10/4/23 Release

nAPP2406733462 3/6/24 Release



Delineation Soil Sample Locations

Oxy USA Inc.
Cedar Canyon WTF

Unit K, Section 15, T24S, R29E Eddy County, New Mexico

FIGURE

2

Incident Number: nAB1831034687, nAB1903143107, nAPP2220159690, nAPP2220849585, nAPP2225058687, nAPP2306952144, nAPP2327858634, nAPP2406733462



TABLES



					County, Itom III					
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
				Deli	neation Soil Sam	ples				
SP N	05/23/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP E	05/23/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP S	05/23/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP W	05/23/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP 1	05/23/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	26,000
SP 1	05/23/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,120
SP 1	05/23/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,920
SP 1	05/23/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,120
SP 1	05/23/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,600
SP 1	05/23/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,840
SP 1	06/05/2024	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	944
SP 1	06/05/2024	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SP 1	06/05/2024	8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP 2	05/23/2024	0.5	<0.050	<0.300	<10.0	31.6	<10.0	31.6	31.6	52,000
SP 2	05/23/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,320
SP 2	05/23/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,760
SP 2	05/23/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,080
SP 2	05/23/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,200
SP 2	05/23/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,200
SP 2	06/05/2024	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
SP 2	06/05/2024	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP 2	06/05/2024	8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0



	Eddy County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
SP 3	05/23/2024	0.5	<0.050	<0.300	<10.0	488	166	488	654	62,400
SP 3	05/23/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8,320
SP 3	05/23/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,200
SP 3	05/23/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,840
SP 3	05/23/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,400
SP 3	05/23/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,680
SP 3	06/05/2024	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SP 3	06/05/2024	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP 3	06/05/2024	8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP 4	05/24/2024	0.5	<0.050	<0.300	<10.0	26.6	<10.0	26.6	26.6	80,800
SP 4	05/24/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8,240
SP 4	05/24/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9,400
SP 4	05/24/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9,860
SP 4	05/24/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8,800
SP 4	05/24/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,730
SP 4	06/05/2024	6	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	896
SP 4	06/05/2024	7	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SP 4	06/05/2024	8	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP 5	05/24/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP 5	05/24/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,120
SP 5	05/24/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	720
SP 5	05/24/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
SP 5	07/01/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128



				Luuy	County, New Mi	EXICO				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
SP 6	05/24/2024	0.5	<0.050	<0.300	<10.0	52.4	<10.0	52.4	52.4	40,800
SP 6	05/24/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,480
SP 6	05/24/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,120
SP 6	05/24/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,040
SP 6	05/24/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
SP 6	05/24/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SP 7	05/28/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,480
SP 7	05/28/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
SP 7	05/28/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SP 7	05/28/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SP 8	05/28/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,800
SP 8	05/28/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SP 8	05/28/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SP 8	05/28/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SP 9	05/28/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,720
SP 9	05/28/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SP 9	05/28/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SP 9	05/28/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SP 10	05/28/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,560
SP 10	05/28/2024	1	<0.050	<0.300	<10.0	54.0	37.2	54.0	91.2	192
SP 10	05/28/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP 10	05/28/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Cedar Canyon WTF Oxy USA Inc.

	Eddy County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
SP 11	05/28/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,720
SP 11	05/28/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SP 11	05/28/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
SP 11	05/28/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SP 12	05/29/2024	0.5	<0.050	<0.300	<10.0	3,670	<10.0	3,670	3,670	5,120
SP 12	05/29/2024	1	<0.050	<0.300	<10.0	149	<10.0	149	149	752
SP 12	05/29/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608
SP 12	05/29/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SP 13	05/29/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9,200
SP 13	05/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,360
SP 13	05/29/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,760
SP 13	05/29/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,710
SP 13	05/29/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SP 13	05/29/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SP 14	05/29/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
SP 14	05/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SP 14	05/29/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP 14	05/29/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP 15	05/29/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656
SP 15	05/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SP 15	05/29/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SP 15	05/29/2024	3	<0.050	<0.300	<10.0	42.8	43.0	42.8	85.8	4,720
SP 15	07/01/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SP 15	07/01/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144



Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
SP 16	05/29/2024	0.5	<0.050	<0.300	<10.0	38.9	44.9	38.9	83.8	4,880
SP 16	05/29/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	768
SP 16	05/29/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
SP 16	05/29/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
SP 16	05/30/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SP 16	05/30/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP 17	05/30/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	30,000
SP 17	05/30/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,400
SP 17	05/30/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,520
SP 17	05/30/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SP 17	05/30/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
SP 18	05/30/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	15,000
SP 18	05/30/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608
SP 18	05/30/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
SP 18	05/30/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
SP 18	05/30/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SP 19	05/30/2024	0.5	<0.050	<0.300	<10.0	43.4	18.0	43.4	61.4	9,900
SP 19	05/30/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	896
SP 19	05/30/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	528
SP 19	05/30/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
SP 19	05/30/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128



Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
SP 20	05/30/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,920
SP 20	05/30/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,380
SP 20	05/30/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	928
SP 20	05/30/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SP 20	05/30/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SP 21	05/30/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8,400
SP 21	05/30/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,380
SP 21	05/30/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,280
SP 21	05/30/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
SP 21	05/30/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672
SP 21	07/01/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SP 22	05/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SP 22	05/31/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,040
SP 22	05/31/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SP 22	05/31/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SP 22	05/31/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SP 22	05/31/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SP 23	05/31/2024	0.5	<0.050	<0.300	<10.0	46.2	14.2	46.2	60.4	1,320
SP 23	05/31/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SP 23	05/31/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SP 23	05/31/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Cedar Canyon WTF Oxy USA Inc.

	Eddy County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
SP 24	05/31/2024	0.5	<0.050	<0.300	<10.0	84.5	31.3	84.5	115.8	37,600
SP 24	05/31/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,000
SP 24	05/31/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,300
SP 24	05/31/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SP 24	05/31/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SP 25	05/31/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,360
SP 25	05/31/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,400
SP 25	05/31/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,400
SP 25	05/31/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
SP 25	05/31/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SP 25	05/31/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SP 26	06/03/2024	0.5	<0.050	<0.300	<10.0	16,100	5,680	16,100	21,780	6,400
SP 26	06/03/2024	1	<0.050	<0.300	<10.0	2,240	778	2,240	3,018	4,080
SP 26	06/03/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,500
SP 26	06/03/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
SP 26	06/03/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP 26	06/03/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SP 27	06/03/2024	0.5	<0.050	<0.300	<10.0	5,690	1,350	5,690	7,040	20,600
SP 27	06/03/2024	1	<0.050	<0.300	<10.0	24.7	<10.0	24.7	24.7	7,800
SP 27	06/03/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6,200
SP 27	06/03/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
SP 27	06/03/2024	4	<0.050	<0.300	<10.0	13.2	<10.0	13.2	13.2	224
SP 27	06/03/2024	5	<0.050	<0.300	<10.0	23.6	<10.0	23.6	23.6	32.0



TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS Cedar Canyon WTF Oxy USA Inc.

	Eddy County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
SP 28	06/03/2024	0.5	<0.050	0.37	136	37,300	8,210	37,436	45,646	16,800
SP 28	06/03/2024	1	<0.050	<0.300	67.5	4,050	852	4,118	4,970	2,080
SP 28	06/03/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,380
SP 28	06/03/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464
SP 28	06/03/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SP 28	06/03/2024	5	<0.050	<0.300	<10.0	14.8	<10.0	14.8	14.8	32.0
SP 29	06/03/2024	0.5	<0.050	<0.300	<10.0	28,100	8,650	28,100	36,750	8,560
SP 29	06/03/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,600
SP 29	06/04/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,310
SP 29	06/04/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SP 29	06/04/2024	4	<0.050	<0.300	<10.0	42.8	<10.0	<10.0	<10.0	160
SP 30	06/03/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7,500
SP 30	06/03/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,200
SP 30	06/04/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,700
SP 30	06/04/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	324
SP 30	06/04/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
SP 30	06/04/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
SP 31	06/05/2024	0.5	<0.050	<0.300	<10.0	807	373	807	1,180	23,600
SP 31	06/05/2024	1	<0.050	<0.300	<10.0	39.0	<10.0	39.0	39.0	1,040
SP 31	06/05/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	960
SP 31	06/05/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
SP 31	06/05/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SP 31	06/05/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144



Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
SP 32	06/04/2024	0.5	<0.050	<0.300	<10.0	109	98.8	109	208	21,600
SP 32	06/04/2024	1	<0.050	<0.300	<10.0	53.3	12.8	53.3	66.1	2,280
SP 32	06/04/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,800
SP 32	06/04/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
SP 32	06/04/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SP 32	06/04/2024	5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
SP 33	06/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	976
SP 33	06/05/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	480
SP 33	06/05/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SP 33	06/05/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
SP 34	06/05/2024	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4,880
SP 34	06/05/2024	1	<0.050	<0.300	<10.0	62.8	<10.0	62.8	62.8	864
SP 34	06/05/2024	2	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,330
SP 34	06/05/2024	3	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
SP 34	06/05/2024	4	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
B 1	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
B 2	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
В3	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
B 4	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS Cedar Canyon WTF

Oxy USA Inc.

Eddy County, New Mexico

	Eddy County, New Mexico									
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria	(NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
B 5	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
В 6	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
B 7	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
B 8	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
B 9	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
B 10	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
B 11	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
B 12	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
B 13	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
B 14	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
B 15	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
B 16	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
B 17	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
B 18	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
B 19	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
B 20	07/16/2024	1	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SS01	01/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SS02	01/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
SS03	01/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SS04	01/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SS05	01/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0



TABLE 1

SOIL SAMPLE ANALYTICAL RESULTS

Cedar Canyon WTF Oxy USA Inc.

Eddy County, New Mexico

					County, How III.	A.L.				
Sample Designation	Date	Depth (feet bgs)	Benzene (mg/kg)	Total BTEX (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)	GRO+DRO (mg/kg)	Total TPH (mg/kg)	Chloride (mg/kg)
NMOCD Table I	Closure Criteria ((NMAC 19.15.29)	10	50	NE	NE	NE	NE	100	600
SS06	01/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SS07	01/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
SS08	01/23/2025	0.5	<0.050	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304

Notes:

bgs: below ground surface

mg/kg: milligrams per kilogram

NMOCD: New Mexico Oil Conservation Division

NMAC: New Mexico Administrative Code

BTEX: Benzene, Toluene, Ethylbenzene, and Xylenes

GRO: Gasoline Range Organics
DRO: Diesel Range Organics

ORO: Oil Range Organics

TPH: Total Petroleum Hydrocarbon

Concentrations in bold exceed the NMOCD Table I Closure Criteria or reclamation standard where applicable.



APPENDIX A

Referenced Well Records



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE E	7973 DEC	刀川
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com	00	161
mar Fill	-	0.0000

OSE BOD NO	VELL NO		I WELL TAG ID NO	OSEF	II E NO(S		The state of the s	5
BMW-1	OD			11.	u.c.r.o(c		8 荒草	? ;
		-		PHON	E (OPTIO			9
		G ADDRESS		CITY	on		STATE TX 77210	ZIP
WELL LOCATION (EROM GPS)	LA		32 13	11 N *ACC		TO THE STATE OF STATE	TH OF A SECOND	
DESCRIPTION	RELATIN	NG WELL LOCATION TO			ION, TOW	/NSHЛР, RANGE) WH	ERE AVAILABLE	
LICENSE NO. WD-17	57	NAME OF LICENSED	DRILLER David Draybuck					s
		DRILLING ENDED 10/03/2023	DEPTH OF COMPLETED WELL (FT) 40ft	BORE HOLE DEPT	H (FT)	DEPTH WATER FIR	ST ENCOUNTERED (F	n
COMPLETED V	VELL IS:	ARTESIAN *add Centralizer info be		CONFINED)	STATIC W IN COMPI (FT)	VATER LEVEL 27.	5 DATE STATIO	MEASURE -23
		FOTARY THAN	Mark 1			CHECK	HERE IF PITLESS AD	APTER IS
		AUTAKT HAWD		1	-	INSTAL	LED	_
FROM	TO	DIAM (inches)	GRADE (include each casing string, and	TYPE		CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches
0	15	6	PVC	Flush Joint	,	2	SCH 40	.010
15	40	6	PVC	Flush Joint		2	SCH 40	.010
DEPTH (fe	et bgl)	BORE HOLE			SIZE-	AMOUNT	METHO	
FROM	TO			s-indicate the spacing	below)	(cubic feet)	50000000	
					-			
13	40	6	Sand				Pou	
			CF.1 III	9- VOV 520	7			
	BMW-1 WELL OWNER OXY USA Ind WELL OWNER P.O BOX 4299 WELL LOCATION (FROM GPS) DESCRIPTION Approximate LICENSE NO. WD-17 DRILLING STA 10/03/20 COMPLETED W DRILLING MET DEPTH (for FROM 0 15 DEPTH (for FROM 0 15	WELL OWNER MAILING P.O Box 4294 WELL OWNER MAILING P.O Box 4294 WELL LOCATION LATER APPROXIMATELY 55ft 100 COMPLETED WELL IS: DRILLING STARTED 10/03/2023 COMPLETED WELL IS: DRILLING FLUID: DRILLING METHOD: FROM TO 0 15 15 40 DEPTH (feet bgl) FROM TO 0 1 1 13	WELL OWNER MAILING ADDRESS P.O BOX 4294 WELL LOCATION (FROM GPS) DESCRIPTION RELATING WELL LOCATION TO Approximately 55ft south of pads LICENSE NO. WD-1757 DRILLING STARTED 10/03/2023 COMPLETED WELL IS: DRILLING FLUID: DRILLING METHOD: FROM TO DIAM (inches) DEPTH (feet bgl) DEPTH (feet bgl) DEPTH (feet bgl) FROM TO DEPTH (feet bgl)	WELL OWNER MAILING ADDRESS P.O Box 4294 WELL DEGREES MINUTES SECTION (FROM GPS) LONGITUDE 105 58 4 DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LAND Approximately 55ft south of pads LICENSE NO. NAME OF LICENSED DRILLER David Draybuck DRILLING STARTED 10/03/2023 10/03/2023 10/03/2023 DEPTH OF COMPLETED WELL (FT) 40ft COMPLETED WELL IS: ARTESIAN *add DRY HOLE SHALLOW (UNIC Centralizer info below DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER—SP DEPTH (feet bgl) BORE HOLE DIAM (inches) (include each casing string, and note sections of screen) DEPTH (feet bgl) BORE HOLE TIS 40 6 PVC DEPTH (feet bgl) BORE HOLE TIS 40 6 PVC DIAM (inches) STARTEN ADDRESS AND COMMON LAND ADDITIVES—SICH COMPLETED WELL (FT) ADDRESS AND COMPLETED WELL (FT	WELL OWNER MAILING ADDRESS P.O Box 4294 WELL OWNER MAILING ADDRESS P.O Box 4294 WELL LOCATION (FROM GPS) DESCRIPTION SELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECT Approximately 55ft south of pads LICENSE NO. WD-1757 DRILLING STARTED 10/03/2023 LOCATION COMPLETED WELL IS: ARTESIAN *add Cattralizer info below DRILLING FLUID: AIR MUD ADDITIVES - SPECIFY: DEPTH (feet bgl) DEPTH (feet bgl) BORE HOLE CASING GRADE (include each easing string, and note sections of screen) O 15 6 PVC Flush Joint DEPTH (feet bgl) DEPTH (feet bgl) DORE HOLE TYPE (add coupling diam note sections of screen) O 15 6 PVC Flush Joint DEPTH (feet bgl) SORE HOLE CASING MATERIAL AND/OR GRADE (include each easing string, and note sections of screen) CONNECTIC TYPE (add coupling diam TYPE (add coupling dia	WELL OWNER MALING ADDRESS PLOST 4294 WELL OCATION (FROM GPS) DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWARD ADDRESS AND COMMON LANDMARKS -	WELL OWNER MALLING ADDRESS P.O BOX 4294 WELL CATTON (FROM GPS) LONGITUDE DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS—PLSS (SECTION, TOWNSHIP), RANGE) WILL GENERAL MORE OF MALLING STARTED LICENSE NO. WILL CONTINUE LICENSE NO. WORLD RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS—PLSS (SECTION, TOWNSHIP), RANGE) WILL GENERAL MORE OF WELL DEPTH (FT) DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS—PLSS (SECTION, TOWNSHIP), RANGE) WILL GENERAL MORE OF WELL DEPTH (FT) DEVILOR STARTED DIAMALING STARTED DIAMALING STARTED DEPTH (Feet bgl) DEPTH (F	DEFTH (Feet bg) DEFTH OF COMPLETED WELL (FT) DEFTH WATER PISTS ALED MANUS (Inches) DEFTH (Feet bg) DEFTH OF CABLE TOOL OTHER—SPECIFY: DEFTH (Feet bg) DEFTH OF CABLE TOOL OTHER—SPECIFY: DEFTH (Feet bg) DIAM (inches) DIAM (inches)

-	DEPTH (feet bgl)	Ţ			DILL ENGOIDER				ESTIMATE
	FROM	то	THICKNESS (feet)	INCLUDE WAT	ND TYPE OF MATE TER-BEARING CAVI applemental sheets to	TIES OR FRACTU	RE ZONES	BEAR (YES	JNG?	YIELD FOR WATER- BEARING ZONES (gpn
	0	5			No Recove	ery		Y	0	
	5	10		Silt	y sand, fine-grained, b	rown, dry, no odor		Y	0	
	10	12.5		Silty	sandy clay, brown, sli	ghtly moist, no odor		Y	0	
	12.5	18		Silty	clay, dark brown, slig	htly moist, no odor.	A. — 2000 000 000 000 000 000 000 000 000	Y	N	
	18	20			Silty clay, brown, v	vet, no odor.		Y	0	
-į	20	30		Silty	sandy clay, light brown	n, very wet, no odor.		0	N	
4. HYDROGEOLOGIC LOG OF WELL	30	40		Sandy	y silty clay, light brow	n, very wet, no odor		0	N	
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171						***************************************		Y	N	
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	METHOD US		TIMATE YIELD	OF WATER-BEARIN	G STRATA: THER - SPECIFY:		TC W	TAL ESTIM	ATED (gpm): (0,5
	WELL TEST	STAR	RESULTS - ATT. F TIME, END TIP ORMATION:	ACH A COPY OF DA' ME, AND A TABLE S	FA COLLECTED DU HOWING DISCHAR	RING WELL TEST GE AND DRAWDO	ING, INCLU IWN OVER T	DING DISCH	G PERIO	AETHOD, DEC 18
	PRINT NAM	E(S) OF DE	RILL RIG SUPER	VISOR(S) THAT PRO	OVIDED ONSITE SUI	PERVISION OF WE	LL CONSTR	RUCTION OT	HEN THE XICO	AN DIGENSE
	CORRECT R	ECORD OF	THE ABOVE D	IES THAT, TO THE E ESCRIBED HOLE AN 0 DAYS AFTER COM	David L	E WILL FILE THIS	WELL REC	THE FOREGORD WITH	THE STA	TE ENGINEE
								· WILLIUS		
_	OSE INTERN		PODI	Bmw-1	POD NO. 70 2	WR		RECORD & L	OG (Ver	sion 09/22/202



APPENDIX B

Photographic Log



Photographic Log

Oxy USA Inc. Cedar Canyon WTF API: 30-015-42797





Photograph: 1 Date: 1/23/2025

Description: Assessment sampling activities

View: North

Photograph: 2 Date: 1/23/2025

Description: Site overview

View: North





Date: 1/23/2025

Photograph: 3 Date: 1/23/2025

Description: Site overview View: Northeast

Photograph: 4

Description: Site overview

View: South



APPENDIX C

Laboratory Analytical Reports & Chain of Custody Documentation



June 28, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON WTF

Enclosed are the results of analyses for samples received by the laboratory on 05/31/24 8:13.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/ga/lab accredited 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)

Celey D. Keene

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



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP N@ SURFACE	H243043-01	Soil	23-May-24 09:25	31-May-24 08:13
SP E@ SURFACE	H243043-02	Soil	23-May-24 09:43	31-May-24 08:13
SP W@ SURFACE	H243043-03	Soil	23-May-24 10:06	31-May-24 08:13
SP S@ SURFACE	H243043-04	Soil	23-May-24 10:21	31-May-24 08:13
SP 1@ SURFACE	H243043-05	Soil	23-May-24 10:41	31-May-24 08:13
SP 1@1'	H243043-06	Soil	23-May-24 10:56	31-May-24 08:13
SP 1@2'	H243043-07	Soil	23-May-24 11:16	31-May-24 08:13
SP 1@3'	H243043-08	Soil	23-May-24 11:35	31-May-24 08:13
SP 1@4'	H243043-09	Soil	23-May-24 11:52	31-May-24 08:13
SP 1@5'	H243043-10	Soil	23-May-24 12:08	31-May-24 08:13
SP 2@SURFACE	H243043-11	Soil	23-May-24 12:47	31-May-24 08:13
SP 2@1'	H243043-12	Soil	23-May-24 13:08	31-May-24 08:13
SP 2@2'	H243043-13	Soil	23-May-24 13:23	31-May-24 08:13
SP 2@3'	H243043-14	Soil	23-May-24 13:37	31-May-24 08:13
SP 2@4'	H243043-15	Soil	23-May-24 13:56	31-May-24 08:13
SP 2@5'	H243043-16	Soil	23-May-24 14:16	31-May-24 08:13
SP 3@SURFACE	H243043-17	Soil	23-May-24 14:26	31-May-24 08:13
SP 3@1'	H243043-18	Soil	23-May-24 14:43	31-May-24 08:13
SP 3@2'	H243043-19	Soil	23-May-24 15:04	31-May-24 08:13
SP 3@3'	H243043-20	Soil	23-May-24 15:21	31-May-24 08:13
SP 3@4'	H243043-21	Soil	23-May-24 15:38	31-May-24 08:13
SP 3@5'	H243043-22	Soil	23-May-24 15:55	31-May-24 08:13
SP 4@SURFACE	H243043-23	Soil	24-May-24 09:30	31-May-24 08:13
SP 4@1'	H243043-24	Soil	24-May-24 09:47	31-May-24 08:13
SP 4@2'	H243043-25	Soil	24-May-24 10:11	31-May-24 08:13
SP 4@3'	H243043-26	Soil	24-May-24 10:25	31-May-24 08:13
SP 4@4'	H243043-27	Soil	24-May-24 10:42	31-May-24 08:13

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 sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

SP 4@5' H243043-28 Soil 24-May-24 11:00 31-May-24 08:13 SP 5@SURFACE H243043-29 Soil 24-May-24 11:18 31-May-24 08:13 SP 5@1' H243043-30 Soil 24-May-24 11:34 31-May-24 08:13 SP 5@2' H243043-31 Soil 24-May-24 12:02 31-May-24 08:13 SP 5@3' H243043-33 Soil 24-May-24 12:46 31-May-24 08:13 SP 6@1' H243043-34 Soil 24-May-24 13:15 31-May-24 08:13 SP 6@2' H243043-35 Soil 24-May-24 14:08 31-May-24 08:13 SP 6@3' H243043-35 Soil 24-May-24 14:08 31-May-24 08:13 SP 6@3' H243043-35 Soil 24-May-24 14:08 31-May-24 08:13 SP 6@5' H243043-37 Soil 24-May-24 14:52 31-May-24 08:13 SP 6@5' H243043-38 Soil 24-May-24 14:52 31-May-24 08:13 SP 7@5UrFACE H243043-41 Soil 28-May-24 09:20 31-May-24 08:13 SP 7@2' H243043-41 Soil 28-May-24 09:42 <th>BBC International, Inc. P.O. Box 805 Hobbs NM, 88241</th> <th></th> <th>Project Number: Project Manager:</th> <th>CEDAR CANYON WTF 7/15/22,7/22/22,8/25/22,2/25/23,: Cliff Brunson (575) 397-0397</th> <th>Reported: 28-Jun-24 14:15</th>	BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Project Number: Project Manager:	CEDAR CANYON WTF 7/15/22,7/22/22,8/25/22,2/25/23,: Cliff Brunson (575) 397-0397	Reported: 28-Jun-24 14:15
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SP 6@3'	SP 6@1'	H243043-34	Soil	24-May-24 13:38	31-May-24 08:13
SP 6@4' H243043-37 Soil 24-May-24 14:52 31-May-24 08:13 SP 6@5' H243043-38 Soil 24-May-24 15:14 31-May-24 08:13 SP 7@SURFACE H243043-39 Soil 28-May-24 09:20 31-May-24 08:13 SP 7@1' H243043-40 Soil 28-May-24 09:42 31-May-24 08:13 SP 7@2' H243043-41 Soil 28-May-24 09:58 31-May-24 08:13 SP 7@3' H243043-42 Soil 28-May-24 10:22 31-May-24 08:13 SP 8@SURFACE H243043-43 Soil 28-May-24 10:47 31-May-24 08:13 SP 8@1' H243043-44 Soil 28-May-24 11:12 31-May-24 08:13 SP 8@2' H243043-45 Soil 28-May-24 11:37 31-May-24 08:13 SP 8@3' H243043-46 Soil 28-May-24 12:03 31-May-24 08:13 SP 9@SURFACE H243043-47 Soil 28-May-24 12:03 31-May-24 08:13 SP 9@1' H243043-48 Soil 28-May-24 13:07 31-May-24 08:13 SP 9@2' H243043-49 Soil 28-May-24 13:07 31-May-24 08:13 SP 9@3' H243043-49 Soil 28-May-24 13:07 31-May-24 08:13 SP 9@3' H243043-50 Soil 28-May-24 13:05 31-May-24 08:13 SP 10@SURFACE H243043-51 Soil 28-May-24 13:05 31-May-24 08:13 SP 10@SURFACE H243043-55 Soil 28-May-24 14:12 31-May-24 08:13 SP 10@1' H243043-52 Soil 28-May-24 14:12 31-May-24 08:13 SP 10@2' H243043-53 Soil 28-May-24 14:12 31-May-24 08:13 SP 10@2' H243043-55 Soil 28-May-24 14:14 31-May-24 08:13 SP 11@SURFACE H243043-55 Soil 28-May-24 14:41 31-May-24 08:13 SP 11@SURFACE H243043-55 Soil 28-May-24 14:54 31-May-24 08:13	SP 6@2'	H243043-35	Soil	24-May-24 14:08	31-May-24 08:13
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SP 7@1'	SP 6@5'	H243043-38	Soil	24-May-24 15:14	31-May-24 08:13
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SP 10@1' H243043-52 Soil 28-May-24 14:12 31-May-24 08:13 SP 10@2' H243043-53 Soil 28-May-24 14:29 31-May-24 08:13 SP 10@3' H243043-54 Soil 28-May-24 14:41 31-May-24 08:13 SP 11@SURFACE H243043-55 Soil 28-May-24 14:54 31-May-24 08:13 SP 11@1' H243043-56 Soil 28-May-24 15:07 31-May-24 08:13		H243043-50	Soil	28-May-24 13:36	31-May-24 08:13
SP 10@2' H243043-53 Soil 28-May-24 14:29 31-May-24 08:13 SP 10@3' H243043-54 Soil 28-May-24 14:41 31-May-24 08:13 SP 11@SURFACE H243043-55 Soil 28-May-24 14:54 31-May-24 08:13 SP 11@1' H243043-56 Soil 28-May-24 15:07 31-May-24 08:13	SP 10@SURFACE	H243043-51	Soil	28-May-24 13:54	31-May-24 08:13
SP 10@3' H243043-54 Soil 28-May-24 14:41 31-May-24 08:13 SP 11@SURFACE H243043-55 Soil 28-May-24 14:54 31-May-24 08:13 SP 11@1' H243043-56 Soil 28-May-24 15:07 31-May-24 08:13	SP 10@1'	H243043-52	Soil	28-May-24 14:12	31-May-24 08:13
SP 10@3' H243043-54 Soil 28-May-24 14:41 31-May-24 08:13 SP 11@SURFACE H243043-55 Soil 28-May-24 14:54 31-May-24 08:13 SP 11@1' H243043-56 Soil 28-May-24 15:07 31-May-24 08:13	SP 10@2'	H243043-53	Soil	28-May-24 14:29	31-May-24 08:13
SP 11@SURFACE H243043-55 Soil 28-May-24 14:54 31-May-24 08:13 SP 11@1' H243043-56 Soil 28-May-24 15:07 31-May-24 08:13		H243043-54	Soil	28-May-24 14:41	31-May-24 08:13
SP 11@1' H243043-56 Soil 28-May-24 15:07 31-May-24 08:13		H243043-55	Soil	28-May-24 14:54	31-May-24 08:13
SP 11@2' H243043-57 Soil 28-May-24 15:16 31-May-24 08:13		H243043-56	Soil	28-May-24 15:07	31-May-24 08:13
	SP 11@2'	H243043-57	Soil	28-May-24 15:16	31-May-24 08:13

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Project Number: Project Manager:	CEDAR CANYON WTF 7/15/22,7/22/22,8/25/22,2/25/23,: Cliff Brunson (575) 397-0397	Reported: 28-Jun-24 14:15
SP 11@3'	H243043-58	Soil	28-May-24 15:30	31-May-24 08:13
SP 12@SURFACE	H243043-59	Soil	29-May-24 09:25	31-May-24 08:13
SP 12@1'	H243043-60	Soil	29-May-24 09:42	31-May-24 08:13
SP 12@2'	H243043-61	Soil	29-May-24 10:03	31-May-24 08:13
SP 12@3'	H243043-62	Soil	29-May-24 10:19	31-May-24 08:13
SP 13@SURFACE	H243043-63	Soil	29-May-24 10:36	31-May-24 08:13
SP 13@1'	H243043-64	Soil	29-May-24 10:55	31-May-24 08:13
SP 13@2'	H243043-65	Soil	29-May-24 11:20	31-May-24 08:13
SP 13@3'	H243043-66	Soil	29-May-24 11:41	31-May-24 08:13
SP 13@4'	H243043-67	Soil	29-May-24 12:03	31-May-24 08:13
SP 13@5'	H243043-68	Soil	29-May-24 12:46	31-May-24 08:13
SP 14@SURFACE	H243043-69	Soil	29-May-24 12:53	31-May-24 08:13
SP 14@1'	H243043-70	Soil	29-May-24 13:12	31-May-24 08:13
SP 14@2'	H243043-71	Soil	29-May-24 13:27	31-May-24 08:13
SP 14@3'	H243043-72	Soil	29-May-24 13:40	31-May-24 08:13
SP 15@SURFACE	H243043-73	Soil	29-May-24 13:53	31-May-24 08:13
SP 15@1'	H243043-74	Soil	29-May-24 14:05	31-May-24 08:13
SP 15@2'	H243043-75	Soil	29-May-24 14:18	31-May-24 08:13
SP 15@3'	H243043-76	Soil	29-May-24 14:34	31-May-24 08:13
SP 16@SURFACE	H243043-77	Soil	29-May-24 14:47	31-May-24 08:13
SP 16@1'	H243043-78	Soil	29-May-24 15:01	31-May-24 08:13
SP 16@2'	H243043-79	Soil	29-May-24 15:12	31-May-24 08:13
SP 16@3'	H243043-80	Soil	29-May-24 15:25	31-May-24 08:13

06/28/24 - Client changed the project name (see COC). This is the revised report and will replace the one sent on 06/05/24.

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

> SP N@ SURFACE H243043-01 (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	4060336	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4053132	JН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		89.7 %	71.5	-134	4053132	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			76.0 %	48.2	-134	4053123	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			90.5 %	49.1	-148	4053123	MS	03-Jun-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP E@ SURFACE H243043-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4060336	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4053132	JН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		89.1 %	71.5	-134	4053132	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			75.1 %	48.2	-134	4053123	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			89.2 %	49.1	-148	4053123	MS	03-Jun-24	8015B	

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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: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

> SP W@ SURFACE H243043-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4060336	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			89.8 %	71.5	-134	4053132	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			59.5 %	48.2	-134	4053123	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			67.2 %	49.1	-148	4053123	MS	03-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

> SP S@ SURFACE H243043-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4060336	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4053132	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		88.9 %	71.5	-134	4053132	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053123	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			77.7 %	48.2	-134	4053123	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			87.2 %	49.1	-148	4053123	MS	03-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

SP 1@ SURFACE

H243043-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	26000		16.0	mg/kg	4	4060336	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds by E	PA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			127 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by GC F	TD									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			91.4 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			84.4 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

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

SP 1@1' H243043-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	5120		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	QM-07
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		129 %	71.5	-134	4060306	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	31.1		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	10.7		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane		·	89.7 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			83.8 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 1@2' H243043-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	5920		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			123 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			82.2 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			76.7 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

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

SP 1@3'

SP 1@3' H243043-08 (Soil)

Reporting

Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	5120		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			122 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			97.7 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			92.4 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 1@4' H243043-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	5600		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		128 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			84.3 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			77.9 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

> SP 1@5' H243043-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	7840		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	(D)		120 %	71.5	-134	4060306	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			84.5 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			77.2 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 2@SURFACE H243043-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	52000		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		122 %	71.5	-134	4060306	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	31.6		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			77.3 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			71.9 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF Project Number: 7/15/22.7/22/22.8/25 Reported: 28-Jun-24 14:15

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

SP 2@1' H243043-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	6320		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pa	ID)		121 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			83.3 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			76.8 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celeg D. Keine



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 2@2' H243043-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	7760		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		116 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			85.5 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			82.0 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF Project Number: 7/15/22,7/22/22,8/25 Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

SP 2@3' H243043-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	6080		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds l	oy EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		117 %	71.5	-134	4060306	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			89.4 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			85.2 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keine



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

SP 2@4' H243043-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	7200		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pa	ID)		115 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			85.9 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			81.1 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celeg D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

SP 2@5' H243043-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	7200		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	ЈН	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		120 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			88.9 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			83.6 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

Hobbs NM, 88241

P.O. Box 805 Project Number

Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

SP 3@SURFACE H243043-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	62400		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	١		114 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	488		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	166		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			70.7 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			69.3 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 3@1' H243043-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	8320		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		117 %	71.5	-134	4060306	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane		·	85.8 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			81.2 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 3@2' H243043-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	7200		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			112 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			87.1 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			81.2 %	49.1-	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

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

> SP 3@3' H243043-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	3840		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		112 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			85.3 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			79.7 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

SP 3@4' H243043-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Labora	tories					
Inorganic Compounds										
Chloride	6400		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		116 %	71.5	i-134	4060306	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			89.4 %	48.2	2-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			84.8 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

> SP 3@5' H243043-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	3680		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		114 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			88.6 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			84.5 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

> SP 4@SURFACE H243043-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	80800		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		114 %	71.5	-134	4060306	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	26.6		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			69.0 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			63.8 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

> SP 4@1' H243043-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	8240		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		112 %	71.5	-134	4060306	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			88.0 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			83.7 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

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Celeg D. Keine



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-J

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

SP 4@2' H243043-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	9400		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			92.5 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			90.1 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 4@3' H243043-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	9860		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		105 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			96.7 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			92.4 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keine

Reported:

28-Jun-24 14:15



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

Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 4@4' H243043-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	8800		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI.	D)		106 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			102 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Reported:

28-Jun-24 14:15



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

Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

c 805 Project Number

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

Project: CEDAR CANYON WTF

SP 4@5' H243043-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	7730		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		105 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			83.6 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			83.5 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 5@SURFACE H243043-29 (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	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		106 %	71.5	-134	4060307	ЈН	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			65.1 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			58.2 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

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

> SP 5@1' H243043-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	1120		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		105 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			73.7 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			72.4 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

SP 5@2' H243043-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	720		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		106 %	71.5	-134	4060307	ЈН	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			72.5 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			71.1 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keene

Reported:

28-Jun-24 14:15



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

Analytical Results For:

BBC International, Inc. P.O. Box 805

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 5@3' H243043-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	800		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	ЈН	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		106 %	71.5	-134	4060307	ЈН	04-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			74.0 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			69.5 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 6@SURFACE H243043-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	40800		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		103 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	52.4		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			58.1 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			58.9 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

SP 6@1' H243043-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	4480		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		99.6 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			74.1 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			72.4 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

P.O. Box 805 Project Numb Hobbs NM, 88241 Project Manag

Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

SP 6@2' H243043-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	1120		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JН	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		101 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			70.6 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			70.3 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keine



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

> SP 6@3' H243043-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	1040		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		101 %	71.5	-134	4060307	ЈН	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			80.0 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			78.4 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

SP 6@4' H243043-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	832		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		99.2 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			89.0 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			89.8 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

> SP 6@5' H243043-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		99.4 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			94.0 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			93.6 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

> SP 7@SURFACE H243043-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	4480		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		100 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			85.7 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			86.4 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

SP 7@1' H243043-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	352		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JН	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		100 %	71.5	-134	4060307	ЈН	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			83.8 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			84.4 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keene

Reported:

28-Jun-24 14:15



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

Analytical Results For:

BBC International, Inc. P.O. Box 805

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 7@2' H243043-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		96.2 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			79.9 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			80.8 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celeg D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 7@3' H243043-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		97.3 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			78.4 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			79.2 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

SP 8@SURFACE H243043-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1800		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		101 %	71.5	-134	4060307	ЈН	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			73.6 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			77.5 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celey D. Keine



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

> SP 8@1' H243043-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds h	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)	1		101 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			96.3 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 8@2' H243043-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		99.4 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			85.6 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			79.0 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

SP 8@3' H243043-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JН	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		98.8 %	71.5	-134	4060308	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			94.0 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			88.0 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 9@SURFACE H243043-47 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	2720		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		99.0 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	276		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	205		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane		-	88.7 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			79.6 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

SP 9@1' H243043-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	336		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		99.1 %	71.5	-134	4060308	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			81.0 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			74.6 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 9@2' H243043-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		99.6 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane		·	86.4 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			80.6 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celeg D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: Hobbs NM, 88241

Reported: 28-Jun-24 14:15

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

Project: CEDAR CANYON WTF

SP 9@3' H243043-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	336		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		98.6 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			89.0 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			82.6 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

SP 10@SURFACE H243043-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	2560		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		99.0 %	71.5	-134	4060308	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			77.9 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			72.9 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 10@1' H243043-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		96.2 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	54.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	37.2		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			79.3 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			71.8 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Project: CEDAR CANYON WTF

Reported:

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 10@2' H243043-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		99.3 %	71.5	-134	4060308	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			76.1 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			69.2 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

> SP 10@3' H243043-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	4060424	НМ	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		98.5 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			93.1 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			85.6 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

> SP 11@SURFACE H243043-55 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	6720		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			98.6 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			93.2 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			86.2 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Reported:

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 11@1' H243043-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	272		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		97.9 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			95.6 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			92.1 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene

Reported:

28-Jun-24 14:15



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

Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 11@2' H243043-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	448		16.0	mg/kg	4	4060424	НМ	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JН	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		98.7 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			93.2 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			85.1 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

SP 11@3' H243043-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		99.2 %	71.5	-134	4060308	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			94.0 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			85.8 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

> SP 12@SURFACE H243043-59 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	5120		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JН	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		99.0 %	71.5	-134	4060308	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	3670		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			81.7 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			124 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 12@1' H243043-60 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	752		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		97.2 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	149		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane		·	86.4 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			82.3 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

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

SP 12@2' H243043-61 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	608		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		98.8 %	71.5	5-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			96.3 %	48.2	?-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			89.0 %	49.1	'-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

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

> SP 12@3' H243043-62 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	ID)		98.0 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			88.7 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			80.5 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

SP 13@SURFACE H243043-63 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	9200		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		97.2 %	71.5	-134	4060308	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			88.6 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			81.9 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

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

SP 13@1' H243043-64 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	3360		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	0)		94.1 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			69.1 %	48.2	-134	4053126	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			62.6 %	49.1	-148	4053126	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

> SP 13@2' H243043-65 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	3760		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		107 %	71.5	-134	4060309	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			82.6 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			91.1 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

> SP 13@3' H243043-66 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	1710		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		109 %	71.5	-134	4060309	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			89.2 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			97.7 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

EXT DRO >C28-C36

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

SP 13@4'

H243043-67 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JН	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		109 %	71.5	-134	4060309	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	

mg/kg

48.2-134

49.1-148

4060302

4060302

4060302

MS

MS

MS

03-Jun-24

03-Jun-24

03-Jun-24

8015B 8015B

8015B

10.0

82.1 %

90.6 %

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

<10.0



Analytical Results For:

BBC International, Inc. P.O. Box 805

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

Reported: 28-Jun-24 14:15

Fax To: (575) 397-0397

SP 13@5' H243043-68 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		108 %	71.5	-134	4060309	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			100 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			109 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celeg D. Keine



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 14@SURFACE H243043-69 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	384		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	TD)		107 %	71.5	-134	4060309	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			67.4 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			72.3 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

> SP 14@1' H243043-70 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		106 %	71.5	-134	4060309	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			91.6 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			98.0 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

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

SP 14@2'

H243043-71 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JН	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		107 %	71.5	-134	4060309	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			94.1 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 14@3' H243043-72 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		106 %	71.5	-134	4060309	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			102 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Reported:

28-Jun-24 14:15



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

Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

SP 15@SURFACE H243043-73 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	656		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5	-134	4060309	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			99.4 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

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

> SP 15@1' H243043-74 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		108 %	71.5	-134	4060309	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 15@2' H243043-75 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	272		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		107 %	71.5	-134	4060309	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

SP 15@3' H243043-76 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	4720		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		107 %	71.5	-134	4060309	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	42.8		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	43.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			92.4 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			99.9 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 16@SURFACE H243043-77 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4880		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds h	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JН	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		105 %	71.5	-134	4060309	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	38.9		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	44.9		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			78.6 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			85.8 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Reported:



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

Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

28-Jun-24 14:15

SP 16@1' H243043-78 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	768		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5	-134	4060309	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: P.O. Box 805 Hobbs NM, 88241

Project Manager: Cliff Brunson

Reported: 28-Jun-24 14:15

Fax To: (575) 397-0397

Project: CEDAR CANYON WTF

SP 16@2' H243043-79 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	496		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		106 %	71.5	-134	4060309	JH	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			86.0 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			92.8 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 16@3' H243043-80 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	640		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		105 %	71.5	i-134	4060309	ЈН	03-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2	2-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			114 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

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

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Project Manager: Cliff Brunson 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 4060336 - 1:4 DI Water										
Blank (4060336-BLK1)				Prepared &	: Analyzed:	03-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4060336-BS1)				Prepared &	Analyzed:	03-Jun-24				
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (4060336-BSD1)				Prepared &	Analyzed:	03-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120	7.41	20	
Batch 4060343 - 1:4 DI Water										
Blank (4060343-BLK1)				Prepared &	Analyzed:	03-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4060343-BS1)				Prepared &	Analyzed:	03-Jun-24				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4060343-BSD1)				Prepared &	: Analyzed:	03-Jun-24				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 4060419 - 1:4 DI Water										
Blank (4060419-BLK1)				Prepared &	: Analyzed:	04-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4060419-BS1)				Prepared &	: Analyzed:	04-Jun-24				
Chloride	432	16.0	mg/kg	400		108	80-120			

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4060419 - 1:4 DI Water										
LCS Dup (4060419-BSD1)				Prepared &	Analyzed:	04-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 4060423 - 1:4 DI Water										
Blank (4060423-BLK1)				Prepared &	Analyzed:	04-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4060423-BS1)				Prepared &	Analyzed:	04-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4060423-BSD1)				Prepared &	Analyzed:	04-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	
Batch 4060424 - 1:4 DI Water										
Blank (4060424-BLK1)				Prepared &	Analyzed:	04-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4060424-BS1)				Prepared &	Analyzed:	04-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4060424-BSD1)				Prepared &	z Analyzed:	04-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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Celey D. Keene, Lab Director/Quality Manager



%REC

Limits

RPD

Analytical Results For:

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

Analyte

Project: CEDAR CANYON WTF

Spike

Level

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Result

%REC

Reported: 28-Jun-24 14:15

RPD

Limit

Notes

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

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

Blank (4053132-BLK1)		Prepared: 31-May-24 Analyzed: 03-Jun-24					
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)	ND		mg/kg	0.0500	88.2	71.5-134	
LCS (4053132-BS1)				Prepared: 31-Ma	y-24 Analyzed:	03-Jun-24	
Benzene	1.79	0.050	mg/kg	2.00	89.5	82.8-130	
Toluene	1.79	0.050	mg/kg	2.00	89.6	86-128	
Ethylhenzene	1 84	0.050	ma/ka	2.00	92.0	85 9-128	

Surrogate: 4-Bromofluorobenzene (PID)	0.0460		mg/kg	0.0500	92.1	71.5-134
Total Xylenes	5.33	0.150	mg/kg	6.00	88.8	88.2-128
o-Xylene	1.75	0.050	mg/kg	2.00	87.7	86.1-125
m,p-Xylene	3.57	0.100	mg/kg	4.00	89.3	89-129
Ethylbenzene	1.84	0.050	mg/kg	2.00	92.0	85.9-128
Toluene	1.79	0.050	mg/kg	2.00	89.6	86-128
Delizelle	1.//	0.050	mg/kg	2.00	07.5	02.0-130

LCS Dup (4053132-BSD1)				Prepared: 31-M	ay-24 Analyzed:	03-Jun-24			
Benzene	1.72	0.050	mg/kg	2.00	86.0	82.8-130	4.05	15.8	
Toluene	1.72	0.050	mg/kg	2.00	86.0	86-128	4.00	15.9	
Ethylbenzene	1.76	0.050	mg/kg	2.00	87.9	85.9-128	4.62	16	
m,p-Xylene	3.39	0.100	mg/kg	4.00	84.8	89-129	5.16	16.2	BS-3
o-Xylene	1.68	0.050	mg/kg	2.00	84.1	86.1-125	4.23	16.7	BS-3
Total Xylenes	5.07	0.150	mg/kg	6.00	84.6	88.2-128	4.85	16.3	BS-3

 Surrogate: 4-Bromofluorobenzene (PID)
 0.0448
 mg/kg
 0.0500
 89.5
 71.5-134

Batch 4060306 - Volatiles

Blank (4060306-BLK1)			Prepared & Analyzed: 03-Jun-24
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

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Project: CEDAR CANYON WTF

Reported:

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:15

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4060306 - Volatiles										

Batch 4060306 - Volatiles									
Blank (4060306-BLK1)				Prepared & Anal	lyzed: 03-Jun-24				
Total BTEX	ND	0.300	mg/kg						
Surrogate: 4-Bromofluorobenzene (PID)	0.0626		mg/kg	0.0500	125	71.5-134			
LCS (4060306-BS1)				Prepared & Anal	lyzed: 03-Jun-24				
Benzene	1.58	0.050	mg/kg	2.00	79.1	82.8-130			BS-3
Toluene	1.82	0.050	mg/kg	2.00	91.1	86-128			
Ethylbenzene	2.01	0.050	mg/kg	2.00	100	85.9-128			
m,p-Xylene	4.14	0.100	mg/kg	4.00	104	89-129			
o-Xylene	2.07	0.050	mg/kg	2.00	103	86.1-125			
Total Xylenes	6.21	0.150	mg/kg	6.00	103	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0625		mg/kg	0.0500	125	71.5-134			
LCS Dup (4060306-BSD1)				Prepared & Anal	lyzed: 03-Jun-24				
Benzene	1.53	0.050	mg/kg	2.00	76.7	82.8-130	3.15	15.8	BS-3
Toluene	1.76	0.050	mg/kg	2.00	87.9	86-128	3.67	15.9	
Ethylbenzene	1.95	0.050	mg/kg	2.00	97.5	85.9-128	2.91	16	
m,p-Xylene	4.03	0.100	mg/kg	4.00	101	89-129	2.60	16.2	
o-Xylene	2.01	0.050	mg/kg	2.00	101	86.1-125	2.63	16.7	
Total Xylenes	6.05	0.150	mg/kg	6.00	101	88.2-128	2.61	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0632		mg/kg	0.0500	126	71.5-134			

Batch 4060307 - Volatiles

Blank (4060307-BLK1)				Prepared: 03-Jun-	-24 Analyzed: 04	4-Jun-24	
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)	0.0550		mg/kg	0.0500	110	71.5-134	

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Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

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

Project: CEDAR CANYON WTF

Spike

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Reported: 28-Jun-24 14:15

RPD

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

Reporting

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch 4060307 - Volatiles											
LCS (4060307-BS1)	Prepared: 03-Jun-24 Analyzed: 04-Jun-24										
Benzene	2.02	0.050	mg/kg	2.00		101	82.8-130				
Toluene	2.07	0.050	mg/kg	2.00		103	86-128				
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	85.9-128				
m,p-Xylene	4.09	0.100	mg/kg	4.00		102	89-129				
o-Xylene	2.07	0.050	mg/kg	2.00		104	86.1-125				
Total Xylenes	6.17	0.150	mg/kg	6.00		103	88.2-128				
Surrogate: 4-Bromofluorobenzene (PID)	0.0493		mg/kg	0.0500		98.7	71.5-134				
LCS Dup (4060307-BSD1)				Prepared: 0	3-Jun-24 A	nalyzed: 0	4-Jun-24				
Benzene	2.03	0.050	mg/kg	2.00		102	82.8-130	0.634	15.8		
Toluene	2.12	0.050	mg/kg	2.00		106	86-128	2.31	15.9		
Ethylbenzene	2.15	0.050	mg/kg	2.00		108	85.9-128	2.57	16		
m,p-Xylene	4.20	0.100	mg/kg	4.00		105	89-129	2.66	16.2		
o-Xylene	2.14	0.050	mg/kg	2.00		107	86.1-125	3.06	16.7		
Total Xylenes	6.34	0.150	mg/kg	6.00		106	88.2-128	2.80	16.3		
Surrogate: 4-Bromofluorobenzene (PID)	0.0501		mg/kg	0.0500		100	71.5-134				

Batch 4060308 - Volatiles

Blank (4060308-BLK1)		Prepared & Analyzed: 03-Jun-24							
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)	ND		mg/kg	0.0500	98.1	71.5-134			

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Celey D. Keine



Analytical Results For:

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

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Prepared & Analyzed: 03-Jun-24

Reported: 28-Jun-24 14:15

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

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4060308 - Volatiles										

Daten	4000300	-	voiatiles

LCS (4060308-BS1)

Benzene	1.70	0.050	mg/kg	2.00	85.1	82.8-130			
Toluene	1.71	0.050	mg/kg	2.00	85.5	86-128			BS-3
Ethylbenzene	1.63	0.050	mg/kg	2.00	81.6	85.9-128			BS-3
m,p-Xylene	3.28	0.100	mg/kg	4.00	81.9	89-129			BS-3
o-Xylene	1.80	0.050	mg/kg	2.00	90.2	86.1-125			
Total Xylenes	5.08	0.150	mg/kg	6.00	84.7	88.2-128			BS-3
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500	97.6	71.5-134			
LCS Dup (4060308-BSD1)				Prepared & Ana	alyzed: 03-Jun-24				
Benzene	1.61	0.050	mg/kg	2.00	80.3	82.8-130	5.87	15.8	BS-3
Toluene	1.66	0.050	mg/kg	2.00	82.9	86-128	3.09	15.9	BS-3
Ethylbenzene	1.61	0.050	mg/kg	2.00	80.3	85.9-128	1.62	16	BS-3
m,p-Xylene	3.23	0.100	mg/kg	4.00	80.8	89-129	1.42	16.2	BS-3
o-Xylene	1.79	0.050	mg/kg	2.00	89.5	86.1-125	0.847	16.7	
Total Xylenes	5.02	0.150	mg/kg	6.00	83.7	88.2-128	1.21	16.3	BS-3

Batch 4060309 - Volatiles

Surrogate: 4-Bromofluorobenzene (PID)

Blank (4060309-BLK1)				Prepared & Analyz	zed: 03-Jun-24	ļ.	
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)	0.0543		mg/kg	0.0500	109	71.5-134	

mg/kg

0.0500

97.0

71.5-134

0.0485

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Celey D. Keene



%REC

Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Spike

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,.

Source

Reported: 28-Jun-24 14:15

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 4060309 - Volatiles										
LCS (4060309-BS1)				Prepared &	Analyzed:	03-Jun-24				
Benzene	1.77	0.050	mg/kg	2.00		88.3	82.8-130			
Toluene	1.88	0.050	mg/kg	2.00		94.0	86-128			
Ethylbenzene	1.88	0.050	mg/kg	2.00		93.9	85.9-128			
m,p-Xylene	3.98	0.100	mg/kg	4.00		99.5	89-129			
o-Xylene	1.86	0.050	mg/kg	2.00		92.9	86.1-125			
Total Xylenes	5.84	0.150	mg/kg	6.00		97.3	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0522		mg/kg	0.0500		104	71.5-134			
LCS Dup (4060309-BSD1)				Prepared &	Analyzed:	03-Jun-24				
Benzene	1.72	0.050	mg/kg	2.00		86.0	82.8-130	2.68	15.8	
Toluene	1.89	0.050	mg/kg	2.00		94.4	86-128	0.429	15.9	
Ethylbenzene	1.92	0.050	mg/kg	2.00		96.1	85.9-128	2.38	16	
m,p-Xylene	4.07	0.100	mg/kg	4.00		102	89-129	2.13	16.2	
o-Xylene	1.91	0.050	mg/kg	2.00		95.5	86.1-125	2.73	16.7	
Total Xylenes	5.98	0.150	mg/kg	6.00		99.6	88.2-128	2.32	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0525		mg/kg	0.0500		105	71.5-134			

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Celeg D. Keene



%REC

Analytical Results For:

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

Project: CEDAR CANYON WTF Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

RPD

Project Manager: Cliff Brunson

Spike

Source

91.1

85.2

48.2-134

49.1-148

Fax To: (575) 397-0397

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

ND

45 5

42.6

10.0

mg/kg

mg/kg

mg/kg

50.0

50.0

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4053123 - General Prep - Organics										
Blank (4053123-BLK1)				Prepared:	31-May-24	Analyzed:	03-Jun-24			
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	46.3		mg/kg	50.0		92.6	48.2-134			
Surrogate: 1-Chlorooctadecane	56.6		mg/kg	50.0		113	49.1-148			
LCS (4053123-BS1)				Prepared:	31-May-24	Analyzed:	03-Jun-24			
GRO C6-C10	202	10.0	mg/kg	200		101	66.4-123			
DRO >C10-C28	197	10.0	mg/kg	200		98.6	66.5-118			
Total TPH C6-C28	399	10.0	mg/kg	400		99.8	77.6-123			
Surrogate: 1-Chlorooctane	57.0		mg/kg	50.0		114	48.2-134			
Surrogate: I-Chlorooctadecane	69.2		mg/kg	50.0		138	49.1-148			
LCS Dup (4053123-BSD1)				Prepared:	31-May-24	Analyzed:	03-Jun-24			
GRO C6-C10	197	10.0	mg/kg	200		98.6	66.4-123	2.43	17.7	
DRO >C10-C28	187	10.0	mg/kg	200		93.4	66.5-118	5.47	21	
Total TPH C6-C28	384	10.0	mg/kg	400		96.0	77.6-123	3.92	18.5	
Surrogate: 1-Chlorooctane	58.0		mg/kg	50.0		116	48.2-134			
Surrogate: 1-Chlorooctadecane	70.2		mg/kg	50.0		140	49.1-148			
Batch 4053124 - General Prep - Organics										
Blank (4053124-BLK1)				Prepared:	31-May-24	Analyzed:	03-Jun-24			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							

Cardinal Laboratories

EXT DRO >C28-C36

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

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Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

Hobbs NM, 88241

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

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
Analyte	Result	Limit	Onits	Level	Resuit	70KEC	Limits	KrD	Limit	Notes
Batch 4053124 - General Prep - Organics										
LCS (4053124-BS1)				Prepared: 3	31-May-24	Analyzed:	03-Jun-24			
GRO C6-C10	199	10.0	mg/kg	200		99.4	66.4-123			
DRO >C10-C28	205	10.0	mg/kg	200		103	66.5-118			
Total TPH C6-C28	404	10.0	mg/kg	400		101	77.6-123			
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0		98.8	48.2-134			
Surrogate: 1-Chlorooctadecane	45.7		mg/kg	50.0		91.4	49.1-148			
LCS Dup (4053124-BSD1)				Prepared: 3	31-May-24	Analyzed:	03-Jun-24			
GRO C6-C10	199	10.0	mg/kg	200		99.5	66.4-123	0.112	17.7	
DRO >C10-C28	209	10.0	mg/kg	200		105	66.5-118	1.99	21	
Total TPH C6-C28	408	10.0	mg/kg	400		102	77.6-123	1.07	18.5	
Surrogate: 1-Chlorooctane	51.1		mg/kg	50.0		102	48.2-134			
Surrogate: 1-Chlorooctadecane	47.8		mg/kg	50.0		95.6	49.1-148			
Batch 4053125 - General Prep - Organics										
Blank (4053125-BLK1)				Prepared: 3	31-May-24	Analyzed:	03-Jun-24			
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	52.2		mg/kg	50.0		104	48.2-134			
Surrogate: 1-Chlorooctadecane	50.4		mg/kg	50.0		101	49.1-148			
LCS (4053125-BS1)				Prepared: 3	31-May-24	Analyzed:	03-Jun-24			
GRO C6-C10	206	10.0	mg/kg	200		103	66.4-123			
DRO >C10-C28	186	10.0	mg/kg	200		93.1	66.5-118			
Total TPH C6-C28	393	10.0	mg/kg	400		98.1	77.6-123			
Surrogate: 1-Chlorooctane	58.8		mg/kg	50.0		118	48.2-134			

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Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:15

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

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 4053125 - General Prep - Organics										
LCS Dup (4053125-BSD1)				Prepared: 3	31-May-24	Analyzed: (03-Jun-24			
GRO C6-C10	206	10.0	mg/kg	200		103	66.4-123	0.198	17.7	
DRO >C10-C28	182	10.0	mg/kg	200		91.2	66.5-118	2.13	21	
Total TPH C6-C28	388	10.0	mg/kg	400		97.1	77.6-123	1.11	18.5	
Surrogate: 1-Chlorooctane	60.4		mg/kg	50.0		121	48.2-134			
Surrogate: 1-Chlorooctadecane	61.2		mg/kg	50.0		122	49.1-148			
Batch 4053126 - General Prep - Organics										
Blank (4053126-BLK1)				Prepared: 3	31-May-24	Analyzed: (03-Jun-24			
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	49.2		mg/kg	50.0		98.4	48.2-134			
Surrogate: 1-Chlorooctadecane	46.2		mg/kg	50.0		92.3	49.1-148			
LCS (4053126-BS1)				Prepared: 3	31-May-24	Analyzed: (03-Jun-24			
GRO C6-C10	199	10.0	mg/kg	200		99.7	66.4-123			
DRO >C10-C28	203	10.0	mg/kg	200		102	66.5-118			
Total TPH C6-C28	403	10.0	mg/kg	400		101	77.6-123			
Surrogate: 1-Chlorooctane	52.7		mg/kg	50.0		105	48.2-134			
Surrogate: 1-Chlorooctadecane	50.5		mg/kg	50.0		101	49.1-148			
LCS Dup (4053126-BSD1)				Prepared: 3	31-May-24	Analyzed: (03-Jun-24			
GRO C6-C10	203	10.0	mg/kg	200		101	66.4-123	1.64	17.7	
DRO >C10-C28	198	10.0	mg/kg	200		98.8	66.5-118	2.88	21	
Total TPH C6-C28	400	10.0	mg/kg	400		100	77.6-123	0.618	18.5	
Surrogate: 1-Chlorooctane	55.6		mg/kg	50.0		111	48.2-134			
Surrogate: 1-Chlorooctadecane	54.8		mg/kg	50.0		110	49.1-148			

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%REC

Limits

RPD

Analytical Results For:

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

Analyte

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project: CEDAR CANYON WTF

Spike

Level

50.0

50.0

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Result

%REC

108

116

48.2-134

49.1-148

Reported: 28-Jun-24 14:15

RPD

Limit

Notes

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

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

54.0

58.1

Blank (4060302-BLK1)				Prepared & Ana	lyzed: 03-Jun-24				
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	47.7		mg/kg	50.0	95.3	48.2-134			
Surrogate: 1-Chlorooctadecane	52.1		mg/kg	50.0	104	49.1-148			
LCS (4060302-BS1)				Prepared & Ana	lyzed: 03-Jun-24				
GRO C6-C10	182	10.0	mg/kg	200	91.0	66.4-123			
DRO >C10-C28	193	10.0	mg/kg	200	96.3	66.5-118			
Total TPH C6-C28	375	10.0	mg/kg	400	93.7	77.6-123			
Surrogate: 1-Chlorooctane	50.3		mg/kg	50.0	101	48.2-134			
Surrogate: 1-Chlorooctadecane	53.9		mg/kg	50.0	108	49.1-148			
LCS Dup (4060302-BSD1)				Prepared & Ana	lyzed: 03-Jun-24				
GRO C6-C10	190	10.0	mg/kg	200	95.0	66.4-123	4.26	17.7	
DRO >C10-C28	208	10.0	mg/kg	200	104	66.5-118	7.71	21	
Total TPH C6-C28	398	10.0	mg/kg	400	99.5	77.6-123	6.05	18.5	

mg/kg

mg/kg

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Notes and Definitions

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 96 of 105

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	U	4/6				ANALYSIS DECLIEST
Project Manager:	Project Manager: Cliff Brunson	P.O.	*			
Address: P.O. Box 805	Box 805	Com	Company: Oxy			
city: Hobbs	State: NM	1 Zip: 88241 Attn:				
Phone #: 575-397-6388	Fax #:	575-397-0397 Address:	ess:			
Project #:	Project Owner: Oxy	ner: Oxy City:				
roject Name: C	Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	2/22,8/25/22,2/25/23,3/6/24) State:	zip:			
Project Location:	n: New Mexico	1 Idout23 Phone #	ne #:	Ce.	_	
Sampler Name:	SIMON RENDAN		#:	6	1	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	Ņ.	ΕX	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE:	ICE / COOL OTHER:	Chlor	TPHE	
9	SP N@ SURFACE	-<	-	9:25AM 🗸	1	
د	SP E@ SURFACE	=	5/23/24	9:43AM 🗸 🔻	1	
n	SP W@SURFACE		5/23/24	10:06AM	,	
2	SP S@SURFACE		5/23/24	10:21AM	'	
N	SP 1@SURFRACE		5/23/24	10:41AM	,	
6	SP 1@1'	•	5/23/24	10:56AM	,	
ال	SP 1@2'		5/23/24	11:16AM	,	
A	SP 1@3'		5/23/24	11:35AM	,	
Q	SP 1@4'		5/23/24	11:52AM	,	
PLEASE NOTE: Liability an malyses. All claims. Including	halfs liability and client's ence and any other cause	schadve remedy for any claim axising whether based in contract or tort, shall be limited to the amount paid by the claim for the whatsoever shall be deemed waived unless made in writing and received by Caudinal within 30 days after completion of the applicability.	5/23/24 half be limited to the amount pa d by Cardinal within 30 days af			
Relinquished By:	out of or related to the performance of services hereus	Received By:	any of the above stated in	Phone Result:	*	No Add'I Phone #: No Add'I Fax #: Nex Sugrested Date
Delivered By: (Circle One	(Circle One)		CHECKED BY:	Chaus	L saga	85 to 6/20/24
	4.140	No No	40			

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

city: Hobbs Relinquished By Sampler - UPS - Bus - Other: Relinquished By Sampler Name: Project Location: Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) Project #: Phone #: 575-397-6388 Address: P.O. Box 805 Project Manager: Cliff Brunson Company Name: Delivered By: Lab I.D. SP 3@2" SP 3@1" SP 3@SURFACE SP 2@5 SP 2@3' SP 2@2" SP 2@1" SP 2@4' SP 2@SURAFCE (Circle One 505) 393-2326 FAX (505) 393-2476 BBC International, Inc. SIMON RENDAN New Mexico Sample I.D. 9.4 Project Owner: Oxy Fax #: State: NM 575-397-0397 Zip: Received By: (G)RAB OR (C)OMP Received By # CONTAINERS 88241 GROUNDWATER Cool Intact
Près Ares
No No Sample Condition WASTEWATER 10/04/23 MATRIX SOIL OIL SLUDGE State: OTHER Phone #: City: P.O. #: Attn: Address Company: ACID/BASE PRESERV CHECKED BY ICE / COOL OTHER BILL TO Oxy 5/23/24 5/23/24 5/23/24 5/23/24 5/23/24 5/23/24 5/23/24 Zip: 5/23/24 5/23/24 DATE SAMPLING Fax Result: REMARKS: 2:43PM 2:16PM 3:21PM 3:04PM 2:26PM 1:56PM 1:37PM Phone Result: 1:23PM 1:08PM 12:47PM TIME Customes requesties, Changes to 6/26/24 ☐ Yes 5 5 00 No o Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	BBC International. Inc.	Inc.	BILL TO		ANALYSIS REQUEST
Project Manage	Project Manager: Cliff Brunson				- 1
Address: P.O. Box 805	Box 805		Company: Oxy		
city: Hobbs		State: NM Zip: 88241	Attn:		
Phone #: 575-397-6388		Fax #: 575-397-0397	Address:		
Project #:	7	Project Owner: Oxy	City:		
Project Name:	CEDAR CANYON WTF (7	Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	_	2_	
Project Location:	n: New Mexico	I hada	Phone #:	۷	
Sampler Name:	SIMON RENDAN	71			
EUB I VB USE UNIA			L		
FOR LAB USE ONLY		S ER	700000	enn	
Lab I.D.	Sample I.D	RAB OR (C)(CONTAINERS COUNDWATE ASTEWATER	UDGE HER: ID/BASE: E/COOL HER:	01-1	140
Shog 1721		# C GR WA SOI	ACI ICE OTI	TIME	
71	SP 3@4"	S. C.	5/23/24	3:38PM / / *	
22	SP 3@5'		5/23/24	3:55PM 4 4	
23	SP 4@SURFACE		5/24/24	9:30AM	
74	SP 4@1'		5/24/24	9:47AM	
K.	SP 4@2'		5/24/24	10:11AM , ,	
246	SP 4@3'		5/24/24	10:25AM	
75	SP 4@4'		5/24/24	10:42AM	
28	SP 4@5'		5/24/24	11:00AM	
Pr	SP 5@SURFACE		5/24/24	11:18AM	
88	SP 5@1'		5/24/24	11:34AM	
PLEASE NOTE: Liability and analyses. All claims including service. In no eyent shall Ca	d Damages: Cardinal's fability and client's ig those for negligence and any other cause adinal be liable for incidental or consequent	PLEASE NOTE: Liability and Damages. Cardina'ts faibility and client's exclusive remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the client for the innayers. All claims including those for negligence and any other cause whatboever shall be deemed warved unkess made in writing and deceived by Cardinal within 30 days after completion of the applications. 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, lience.	tract or fort, shall be limited to the amount paid by the client for the g and received by Cardinal within 30 days after completion of the a ons, loss of use, or loss of profits incurred by client, its subsidiaries ons.	paid by the client for the fler completion of the applicable y client, its subsidiaries.	
Relinquished By:		Time Man Space	Henr	Phone Result: Pes Fax Result: Yes REMARKS:	res No Add" Phone #:
h	A.	Time 13 Opalas		Chaus	42/26/24 som
Sampler - IIBS - Bills - Other	(oncid one)	Cool Intact	t (Initials)		

Page 99 of 105

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	BILL TO	A	ANALYSIS REQUEST
P.O. #:			
Company:	Оху		
Zip: 88241 Attn:			
575-397-0397 Address:			
Project Owner: Oxy			
22,2/25/23,3/6/24)			
MATRIX	SAMPLING		
SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL	DATE	BIEX	
*	5/24/24 12:02PM	1 1 1	
	5/24/24 12:46PM	\ \ \ \	
	5/24/24 1:15PM		
	5/24/24 1:38PM	,	
	5/24/24 2:08PM	, ,	
	5/24/24 2:31PM		
	-	9 9	
	5/24/24 3:14PM	,	
reimady for any claim axining whether based in contract or fur, shall be limited ever shall be desired, which we will be selected and received by Cardona ever shall be desired without miniation, business instead on mylon, keys of use, or loss of ges. Including without miniation, business instruptions, keys of use, or loss of seeminder by Cardonal regardless of whether such claim in based upon around.	of to the amount paid by the client for this is within 30 days after completion of the a profits incurred by client, its subsidiaries the above stated reasons or otherwise.	ppiicable	
I F F C C C C C C C C C C C C C C C C C	p.o. #: property ip: 88241 Atm: property ip: 97-0397 Address: property ip: 97-0397	P.O. #: Company: Oxy	Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #: PRESERV SAMPLING Size E TIME 5/24/24 12:02PM 5/24/24 12:46PM 5/24/24 1:15PM 5/24/24 1:38PM 5/24/24 2:08PM 5/24/24 2:31PM 5/24/24 2:52PM 5/24/24 3:14PM 5/24/24 3:14PM 5/24/24 3:14PM 5/24/24 3:14PM 5/24/24 3:14PM

Page 100 of 105

ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquishe Sampler - UPS - Bus - Other: Relinquished Sampler Name: Project Location: New Mexico Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) Phone #: 575-397-6388 city: Hobbs Address: P.O. Box 805 Project Manager: Cliff Brunson Delivered By: (Circle One) Project #: Company Name: Shoem Lab I.D. 子を記ると SP 9@1 SP 8@3' SP 8@2" SP 8@1' SP 8@SURFACE SP 7@3' SP 7@1" SP 9@SURFACE SP 7@2" SP 7@SURFACE BBC International, SIMON RENDAN Sample I.D. 5-31-24 213 WW 00.8 Project Owner: Oxy Fax #: 5-31-24 State: 575-397-0397 Received By: Zip: (G)RAB OR (C)OMP Received By # CONTAINERS 88241 GROUNDWATER and Cool Intact

Ves Yes

No No Sample Condition WASTEWATER 10/04/23 MATRIX SOIL OIL SLUDGE State: Phone #: OTHER City: Attn: P.O. #: Address company: ACID/BASE PRESERV CHECKED BY: ICE / COOL B OTHER BILL TO Oxy 5/28/24 5/28/24 5/28/24 5/28/24 5/28/24 5/28/24 5/28/24 5/28/24 5/28/24 Zip: DATE SAMPLING REMARKS: 11:37AM 11:12AM 9:58AM 9:42AM 9:20AM 1:07PM 12:48PM 12:03PM 10:47AM 10:22AM Phone Result: TIME teloc/or samons Customer suguesties Duti ☐ Yes 4 00 No o Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST

Page 101 of 105

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	(505) 393-2326 FAX (505) 393-2476	-2476				
Company Name:	BBC International, Inc.		BILL TO			ANALYSIS REQUEST
Project Manage	Project Manager: Cliff Brunson	P.O.	推			
Address: P.O.	P.O. Box 805	Соп	Company: Oxy		_	
city: Hobbs	State: N	NM zip: 88241 Attn:				
Phone #: 575-397-6388	Fax #:	575-397-0397 Add	Address:			
Project #:	Project O	Project Owner: Oxy			_	
Project Name:	Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)		e: Zip:	_	Le	
Project Location	Project Location: New Mexico	Fhone #	ne #:		م	
Sampler Name:	SIMON RENDAN		#			
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	NG	X	
Lab I.D.	Sample I.D.	IDGE HER :	D/BASE: / COOL HER :	-11	BIE	
HZYBYZ		# CO GRO WAS SOIL OIL SLU	-	TIME	-	
7.5	SP 9@3'	6	5/28/24	1:36PM		
<u>a</u>	SP 10@SURFACE		5/28/24	1:54PM		
57	SP 10@1'		5/28/24	2:12PM	•	
W.S	SP 10@2'		5/28/24	2:29PM	٠	
F,	SP 10@3'		5/28/24	2:41PM	,	
200	SP 11@SURFACE		5/28/24	2:54PM	,	`
8	SP 11@1'		5/28/24	3:07PM	,	
22	SP 11@2'		5/28/24	3:16PM	,	
88	SP 11@3'	du fai sou chian salahan salah	5/28/24	3:30PM	1	
analyses All claims including an analyses All claims including assertice. In no event shall Cau affiliation or successors around Rellinquished By:	ng thouse for negligance and any other cause whatdoever and any other cause whatdoever and any other cause whatdoever and cand at the label for incidental or consequential damages, may out of or related in the performance of services; herein y: """ "" "" "" "" "" "" "" ""	fail be defined walver duries made in writing and received by Cardinal within 30 days after completion of the applicable including without initiation, business interruptions, loss of use, or loss of godfin incurred by claims, its subsidiaries, set by Cardinal repartities of whether quick claims is based upon any fifty above stated reasons or otherwise. Received By: Received By: Received By: Received By:	d received by Cardinal wittin 30 days after loss of use, or tax of godin moured by a scased upon amy by above stated or as cased upon amy by above stated or a stated upon and by above stated or a stated or a stated upon and by above stated or a stated upon and by above stated or a stated upon and by above stated upon an	Jami, its subsidiaries, seons or otherwise. Phone Result: Fax Result: REMARKS:	msto	to of the applicable unbeddener. Result: Yes No Add'! Phone #: Result: Yes No Add'! Fax #: ARKS: ARKS:
Delivered By: (Circle One)	Delivered By: (Circle One) - Q.	Sample Condition	CHECKED BY:	0	haus	Mancf 5 to 6/26/24
200						

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BB(BBC International, Inc.		BILL TO		ANA	ANALYSIS REQUEST
Project Manager: Clif	Cliff Brunson	P.O.	0. #:			
Address: P.O. Box 805	805	Co	Company: Oxy			
city: Hobbs	State: NM	Zip: 88241 Attn:				
Phone #: 575-397-6388	Fax #:	-0397	Address:			
Project #:	Project Owner: Oxy		y:	1		
Project Name: CEDAR	CEDAR CANYON WTF (7/15/22,7/22/2	22,2/25/23,3/6/24)	ate: Zip:	t		
Project Location: Nev	New Mexico	* 1664/23 Phone #:		عا		
	SIMON RENDAN		Fax #:	Ú	X.	
٦		MATRIX	DRESERV SAMPLING			
Lab I.D.	Sample I.D.			hlo	HE	
Shani		# CON	ACID/B ICE / CO OTHER DATE	TIME	7.	
_	SP 12@SURFACE	7	5/29/24	9:25AM / /	-	
_	2@1'			9:42AM		
_	2@2'			10:03AM		
_	2@3'			10:19AM		
	SP 13@SURFACE		5/29/24	10:36AM		
U4 SP 13@1'	3@1'		5/29/24	10:55AM	•	
US SP 13@2'	3@2'		5/29/24	11:20AM	•	
UU SP 13@3'	3@3'		5/29/24	11:41AM	•	
(7) SP 13@4	3@4'		5/29/24	12:03PM ,	,	
(0) SP 13@5	3@5'		5/29/24 1	12:46PM	,	
PLEASE NOTE: Librity and Danages: Cardina's liability and analysis. All claims including those for nagligance and any put between in no event shall Cardinal be liable for incidental or out affails or suppose service out of our state.	client's exclusive cause whats	re remedy for any claim arising whether based in contract or fort, shall be limited to the amount paid by the claim for the sever shall be deemed waved unless made in writing and received by Cardinal within 30 days after completion of the applicable ages, including without limitation, business intempoloris, loss of use, or loss of profits incurred by client, lie subsidiaries,	t or tort, shall be limited to the amount paid by direceived by Cardinal within 30 days after con loos of use, or loss of profits incurred by client	by the clant for the completion of the applicable ent. Its subsidiaries.		
Relinquished By:	Date: 5-31-24	Received By: Janah	Louis	Phone Result:	IS INO Add'I Phone	Add'l Phone #: Add'l Fax #:
Long	Aftern 53/24	O Davies		Chan	ses.	Thanks in which
Delivered By: (Circle One)	.1	Sample Condition Cool Intact	CHECKED BY: (Initials)			100/0
Sampler - UPS - Bus - Other:	- Other: + 140		B			

Page 103 of 105

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Relinquished Sampler - UPS - Bus - Other: Relinquished By Delivered By: city: Hobbs Project Manager: Cliff Brunson Sampler Name: Project Location: Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) Phone #: 575-397-6388 Address: P.O. Box 805 Project #: Company Name: Lab I.D. 72 NE SP 16@1 SP 15@3' SP 15@2" SP 15@1" SP 16@SURFACE SP 15@SURFACE SP 14@3' SP 14@2" SP 14@1" SP 14@SURFACE (Circle One) 505) 393-2326 FAX (505) 393-2476 New Mexico BBC International, Inc. SIMON RENDAN Sample I.D. 8.00 5-31-24 Project Owner: Oxy Fax #: State: NM 575-397-0397 Received By: (G)RAB OR (C)OMP Zip: Received By # CONTAINERS 88241 GROUNDWATER Cool Intact
Yes Tes Sample Condition aus WASTEWATER 10/04/B3 SOIL MATRIX OIL SLUDGE State: OTHER Phone #: P.O. #: City: Attn: Company: Address ACID/BASE: PRESERV CHECKED BY: (Initials) ICE / COOL OTHER BILL TO Оху 5/29/24 5/29/24 5/29/24 5/29/24 5/29/24 5/29/24 5/29/24 5/29/24 5/29/24 Zip: DATE SAMPLING Fax Result: REMARKS: 2:34PM 2:47PM 3:01PM 2:18PM 2:05PM 1:53PM 1:40PM Phone Result: 1:27PM 1:12PM 12:53PM TIME Changes 40. 6/26/24 Customer requested mud 0 00 Yes 5 00 No Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST

Page 104 of 105



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BBC International, Inc.	BILL TO AN	ANALYSIS REQUEST
Project Manager: Cliff Brunson		
Address: P.O. Box 805	Company: Oxy	
City: Hobbs State: NM		
575-397-6388 Fax #:	575-397-0397 Address:	
Project #: Project Owner: Oxy	er: Oxy City:	
Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)		
Project Location: New Mexico	Phone #:	
Sampler Name: SIMON RENDAN	ناما	
FOR LAB USE ONLY		
Lab I.D. Sample I.D.	(G)RAB OR (C)O # CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE DTHER: CE/COOL DTHER:	
-	7 5/29/24 3:	
SP 16@3'	7 5/29/24	
Damages: Cardnol's tability and clisel's exclusive rem plinose for negligence and any other cause whatsoever dinal be liable for incidental or consequental damages, your of or related to the performance of services hereur	edy for any claim activing whether based in contract or fort, shall be limited to the amount paid by the client for the shall be deemed waived unless made in writing and received by Cardyn within 30 days after completion of the applicable including without limitation, because is interruptions, loss of use, or loss of profess accurred by client, its subundance, during the Cardynal, regardless of whether Justic claim is based upon fairly of the above stated reapons or otherwise.	
Relinquished By: Date: Palinquished By: Date: Date:	Received By: Phone Result: Yes No Add Fax Result: Yes No Add RemarkS: Reserved By:	Add'l Phone #: Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	ple Condition CHECKED BY: (Initials)	Helaclariotes
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	a vritten changes to 505-393-2476	
	Tax written changes to 505-393-2476	

Page 105 of 105



June 28, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON WTF

Enclosed are the results of analyses for samples received by the laboratory on 06/06/24 16:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/ga/lab accredited 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)

Celey D. Keene

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



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:29

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP 33@SURFACE	H243259-01	Soil	05-Jun-24 10:50	06-Jun-24 16:51
SP 33@1'	H243259-02	Soil	05-Jun-24 11:12	06-Jun-24 16:51
SP 33@2'	H243259-03	Soil	05-Jun-24 11:25	06-Jun-24 16:51
SP 33@3'	H243259-04	Soil	05-Jun-24 11:40	06-Jun-24 16:51
SP 34@SURFACE	H243259-05	Soil	05-Jun-24 11:52	06-Jun-24 16:51
SP 34@1'	H243259-06	Soil	05-Jun-24 12:06	06-Jun-24 16:51
SP 34@2'	H243259-07	Soil	05-Jun-24 12:47	06-Jun-24 16:51
SP 34@3'	H243259-08	Soil	05-Jun-24 13:03	06-Jun-24 16:51
SP 34@4'	H243259-09	Soil	05-Jun-24 13:14	06-Jun-24 16:51
SP 1@6'	H243259-10	Soil	05-Jun-24 13:30	06-Jun-24 16:51
SP 1@7'	H243259-11	Soil	05-Jun-24 13:42	06-Jun-24 16:51
SP 1@8'	H243259-12	Soil	05-Jun-24 13:56	06-Jun-24 16:51
SP 2@6'	H243259-13	Soil	05-Jun-24 14:05	06-Jun-24 16:51
SP 2@7'	H243259-14	Soil	05-Jun-24 14:14	06-Jun-24 16:51
SP 2@8'	H243259-15	Soil	05-Jun-24 14:29	06-Jun-24 16:51
SP 3@6'	H243259-16	Soil	05-Jun-24 14:37	06-Jun-24 16:51
SP 3@7'	H243259-17	Soil	05-Jun-24 14:45	06-Jun-24 16:51
SP 3@8'	H243259-18	Soil	05-Jun-24 14:53	06-Jun-24 16:51
SP 4@6'	H243259-19	Soil	05-Jun-24 15:05	06-Jun-24 16:51
SP 4@7'	H243259-20	Soil	05-Jun-24 15:14	06-Jun-24 16:51
SP 4@8'	H243259-21	Soil	05-Jun-24 15:23	06-Jun-24 16:51

06/28/24 - Client changed the project name (see COC). This is the revised report and will replace the one sent on 06/12/24.

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 sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:29

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

SP 33@SURFACE H243259-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	976		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.0 %	71.5	-134	4060734	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctane			89.4 %	48.2	-134	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			99.4 %	49.1	-148	4060715	ms	07-Jun-24	8015B	

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 sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:29

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 33@1' H243259-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	480		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		97.7 %	71.5	-134	4060734	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctane			99.4 %	48.2	-134	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			110 %	49.1	-148	4060715	ms	07-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Reported:

28-Jun-24 14:29



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

Analytical Results For:

BBC International, Inc. P.O. Box 805

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 33@2' H243259-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060734	JН	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060734	ЛН	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.5 %	71.5	-134	4060734	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2	-134	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	4060715	ms	07-Jun-24	8015B	

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Celeg D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:29

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

> SP 33@3' H243259-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	400		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060734	JН	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		98.1 %	71.5	-134	4060734	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			119 %	49.1	-148	4060715	ms	07-Jun-24	8015B	

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Fax To: (575) 397-0397

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Project Manager: Cliff Brunson

Reported: 28-Jun-24 14:29

SP 34@SURFACE H243259-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4880		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		97.9 %	71.5	-134	4060734	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	4060715	ms	07-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:29

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 34@1' H243259-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	864		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		111 %	71.5	-134	4060735	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
DRO >C10-C28*	62.8		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctane			80.4 %	48.2	-134	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			96.6 %	49.1	-148	4060715	ms	07 - Jun-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:29

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

> SP 34@2' H243259-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1330		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5	-134	4060735	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by Ge	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctane			112 %	48.2	-134	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			126 %	49.1	-148	4060715	ms	07-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Reported:

28-Jun-24 14:29



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

Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241

Project: CEDAR CANYON WTF Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 34@3' H243259-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	400		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	ЈН	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JН	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		107 %	71.5	-134	4060735	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	4060715	ms	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			116 %	49.1	-148	4060715	ms	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: Hobbs NM, 88241

Reported: 28-Jun-24 14:29

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

Project: CEDAR CANYON WTF

SP 34@4' H243259-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	400		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JН	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JН	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JН	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		114 %	71.5	-134	4060735	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			113 %	48.2	-134	4060715	ms	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			126 %	49.1	-148	4060715	ms	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 14:29

Hobbs NM, 88241

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 1@6' H243259-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	944		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JН	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		113 %	71.5	-134	4060735	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			115 %	48.2	-134	4060715	ms	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			129 %	49.1	-148	4060715	ms	08-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:29

Hobbs NM, 88241

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 1@7' H243259-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		109 %	71.5	-134	4060735	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	4060715	ms	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	4060715	ms	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:29

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

> SP 1@8' H243259-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		105 %	71.5	-134	4060735	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			117 %	48.2	-134	4060715	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			124 %	49.1	-148	4060715	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:29

Hobbs NM, 88241

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 2@6' H243259-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	832		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		113 %	71.5	i-134	4060735	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060715	ms	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			102 %	48.2	2-134	4060715	ms	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			115 %	49.1	-148	4060715	ms	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:29

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

> SP 2@7' H243259-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		114 %	71.5	-134	4060735	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	07-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	07-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	07-Jun-24	8015B	
Surrogate: 1-Chlorooctane			94.5 %	48.2	-134	4060719	MS	07-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			88.4 %	49.1	-148	4060719	MS	07 - Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:29

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

> SP 2@8' H243259-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	71.5	-134	4060735	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	07-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	07-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	07-Jun-24	8015B	
Surrogate: 1-Chlorooctane			112 %	48.2	-134	4060719	MS	07-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			110 %	49.1	-148	4060719	MS	07-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project Numbe

Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:29

Hobbs NM, 88241

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

> SP 3@6' H243259-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	304		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		117 %	71.5	-134	4060735	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			112 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			106 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Reported:

28-Jun-24 14:29



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

Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 3@7' H243259-17 (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	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	71.5	-134	4060735	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			106 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:29

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

> SP 3@8' H243259-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JН	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		107 %	71.5	-134	4060735	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			120 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			118 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:29

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

> SP 4@6' H243259-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	896		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		109 %	71.5	-134	4060735	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			127 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			126 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:29

Hobbs NM, 88241

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

> SP 4@7' H243259-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	71.5	-134	4060735	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			117 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			118 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Reported:

D. Box 805 Project Nun

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 14:29

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 4@8' H243259-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		108 %	71.5	-134	4060735	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			89.5 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			91.9 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 14:29

Hobbs NM, 88241

Project Manager: Cliff Brunson 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
Analyte	Result	Lillit	Onits	Level	Result	/UKEC	Lillits	KrD	Lillit	110168
Batch 4061038 - 1:4 DI Water										
Blank (4061038-BLK1)				Prepared &	Analyzed:	10-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4061038-BS1)				Prepared &	Analyzed:	10-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4061038-BSD1)				Prepared &	z Analyzed:	10-Jun-24				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 4061101 - 1:4 DI Water										
Blank (4061101-BLK1)				Prepared &	z Analyzed:	11-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4061101-BS1)				Prepared &	z Analyzed:	11-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4061101-BSD1)				Prepared &	z Analyzed:	11-Jun-24				
Chloride	448	16.0	mg/kg	400		112	80-120	7.41	20	

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Celey D. Keine



%REC

Analytical Results For:

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

Project: CEDAR CANYON WTF

Spike

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Reported: 28-Jun-24 14:29

RPD

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

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

		resporting		- Pinte	Bouree		, or the		1412	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4060734 - Volatiles										
Blank (4060734-BLK1)				Prepared: ()7-Jun-24 A	nalyzed: 0	8-Jun-24			
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)	ND		mg/kg	0.0500		97.7	71.5-134			
LCS (4060734-BS1)				Prepared: (07-Jun-24 A	nalyzed: 0	8-Jun-24			
Benzene	1.87	0.050	mg/kg	2.00		93.3	82.8-130			
Toluene	1.90	0.050	mg/kg	2.00		95.2	86-128			
Ethylbenzene	1.82	0.050	mg/kg	2.00		91.0	85.9-128			
m,p-Xylene	3.65	0.100	mg/kg	4.00		91.3	89-129			
o-Xylene	2.03	0.050	mg/kg	2.00		102	86.1-125			
Total Xylenes	5.68	0.150	mg/kg	6.00		94.7	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.5	71.5-134			
LCS Dup (4060734-BSD1)				Prepared: (07-Jun-24 A	nalyzed: 0	8-Jun-24			
Benzene	1.93	0.050	mg/kg	2.00		96.6	82.8-130	3.47	15.8	
Toluene	1.94	0.050	mg/kg	2.00		97.2	86-128	2.08	15.9	
Ethylbenzene	1.83	0.050	mg/kg	2.00		91.3	85.9-128	0.391	16	
m,p-Xylene	3.66	0.100	mg/kg	4.00		91.6	89-129	0.236	16.2	
o-Xylene	2.03	0.050	mg/kg	2.00		101	86.1-125	0.256	16.7	
Total Xylenes	5.69	0.150	mg/kg	6.00		94.8	88.2-128	0.0607	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.6	71.5-134			

Batch 4060735 - Volatiles

Blank (4060735-BLK1)			Prepared: 07-Jun-24 Analyzed: 08-Jun-24
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

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Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Spike

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Reported: 28-Jun-24 14:29

RPD

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

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

				-F						
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4060735 - Volatiles										
Blank (4060735-BLK1)				Prepared: (7-Jun-24 A	nalyzed: 0	8-Jun-24			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0576		mg/kg	0.0500		115	71.5-134			
LCS (4060735-BS1)				Prepared: (7-Jun-24 A	nalyzed: 0	8-Jun-24			
Benzene	1.82	0.050	mg/kg	2.00		91.1	82.8-130			
Toluene	1.84	0.050	mg/kg	2.00		91.9	86-128			
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.4	85.9-128			
m,p-Xylene	3.80	0.100	mg/kg	4.00		95.1	89-129			
o-Xylene	1.92	0.050	mg/kg	2.00		96.2	86.1-125			
Total Xylenes	5.73	0.150	mg/kg	6.00		95.5	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	71.5-134			
LCS Dup (4060735-BSD1)				Prepared: 0	7-Jun-24 A	nalyzed: 0	8-Jun-24			
Benzene	1.88	0.050	mg/kg	2.00		94.0	82.8-130	3.14	15.8	
Toluene	1.96	0.050	mg/kg	2.00		98.1	86-128	6.57	15.9	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	85.9-128	8.71	16	
m,p-Xylene	4.18	0.100	mg/kg	4.00		105	89-129	9.42	16.2	
p-Xylene	2.09	0.050	mg/kg	2.00		104	86.1-125	8.18	16.7	
Total Xylenes	6.27	0.150	mg/kg	6.00		104	88.2-128	9.01	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0567		mg/kg	0.0500		113	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,.

Reported: 28-Jun-24 14:29

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

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 4060715 - General Prep - Organics										

Blank (4060715-BLK1)				Prepared & Anal	yzed: 07-Jun-24				
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	48.3		mg/kg	50.0	96.6	48.2-134			
Surrogate: 1-Chlorooctadecane	53.6		mg/kg	50.0	107	49.1-148			
LCS (4060715-BS1)				Prepared & Anal	yzed: 07-Jun-24				
GRO C6-C10	192	10.0	mg/kg	200	95.9	66.4-123			
DRO >C10-C28	176	10.0	mg/kg	200	88.2	66.5-118			
Total TPH C6-C28	368	10.0	mg/kg	400	92.0	77.6-123			
Surrogate: 1-Chlorooctane	45.5		mg/kg	50.0	91.0	48.2-134			
Surrogate: 1-Chlorooctadecane	50.7		mg/kg	50.0	101	49.1-148			
LCS Dup (4060715-BSD1)				Prepared & Anal	yzed: 07-Jun-24				
GRO C6-C10	192	10.0	mg/kg	200	96.1	66.4-123	0.224	17.7	
DRO >C10-C28	178	10.0	mg/kg	200	88.9	66.5-118	0.785	21	
Total TPH C6-C28	370	10.0	mg/kg	400	92.5	77.6-123	0.493	18.5	
Surrogate: 1-Chlorooctane	57.6		mg/kg	50.0	115	48.2-134			
Surrogate: 1-Chlorooctadecane	63.4		mg/kg	50.0	127	49.1-148			

Batch 4060719 - General Prep - Organics

Blank (4060719-BLK1)				Prepared & Analy	zed: 07-Jun-24		
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	55.8		mg/kg	50.0	112	48.2-134	
Surrogate: 1-Chlorooctadecane	55.1		mg/kg	50.0	110	49.1-148	

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%REC

Limits

RPD

Analytical Results For:

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

Analyte

Project: CEDAR CANYON WTF

Spike

Level

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Result

%REC

Reported: 28-Jun-24 14:29

RPD

Limit

Notes

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

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

LCS (4060719-BS1)				Prepared & Anal	yzed: 07-Jun-24			
GRO C6-C10	209	10.0	mg/kg	200	104	66.4-123		
DRO >C10-C28	204	10.0	mg/kg	200	102	66.5-118		
Total TPH C6-C28	413	10.0	mg/kg	400	103	77.6-123		
Surrogate: 1-Chlorooctane	53.5		mg/kg	50.0	107	48.2-134		
Surrogate: 1-Chlorooctadecane	55.1		mg/kg	50.0	110	49.1-148		
LCS Dup (4060719-BSD1)				Prepared & Anal	yzed: 07-Jun-24			
GRO C6-C10	216	10.0	mg/kg	200	108	66.4-123	3.71	17.7
DRO >C10-C28	208	10.0	mg/kg	200	104	66.5-118	1.73	21
Total TPH C6-C28	424	10.0	mg/kg	400	106	77.6-123	2.74	18.5
Surrogate: 1-Chlorooctane	63.4		mg/kg	50.0	127	48.2-134		
Surrogate: 1-Chlorooctadecane	61.5		mg/kg	50.0	123	49.1-148		

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Celey D. Keene



Notes and Definitions

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	10	(000) 000-2-	ľ	ı																		
company Name:	e: BBC International, Inc.	I, Inc.					_	BILL TO					A	ANALYSIS REQUEST	SIS	REC	SE	TS				1
Project Manager:					,	P.O. #:	**			\neg	٦		4	4	4	╛			1		\dashv	
Address: P.O. Box 805	. Box 805				0	omp	Company:	Оху					_	_	_					_	_	
city: Hobbs		State: NM	Zip:		88241	Attn:							_		_						_	
Phone #: 575-397-6388	397-6388	Fax #: 575	575-397-0397	7-03		Address	:SS:							_	_					_		
Project #:		Project Owner: Oxy	, O	2	0	City:																
Project Name:	Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	(7/15/22,7/22/2	2,8/2	5/22		State:		Zip:			d		_								_	
Project Location:	n: New Mexico				1014122 F	hone	#:	-			do			_	_						_	
Sampler Name:	SIMON RENDAN	Z			B	ax #	Fax #200	1			ene	.,,,,	_									
FOR LABUSE ONLY			OMP.		MATRIX	R	PRESERV.	V. SAMPLING	NG		ext											
Lab I.D.	Sample I.D.	Ģ	(G)RAB OR (C)O	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE:	ICE / COOL	DATE	TIME	BTEX		Chlori										
	SP 33@Surface		9	_	7	-	- 1	6	10:50AM	1	4	\	4	+	4	4	1		T	1	+	
2	SP 33@1'			_			-	6/5/24	11:12AM	<	<	٠.	-	+	4	4						
·	SP 33@2'							6/5/24	11:25AM	•	,	•		-								
ıc	SP 33@3'							6/5/24	11:40AM	•	•	•		-	4						+	
V	SP 34@Surface							6/5/24	11:52AM	•					4						+	
ie.	SP 34@1		E					6/5/24	12:06PM	•	,	•										
	SP 34@2		E					6/5/24	12:47PM	•	~	•				Ш						
	SP 34@4'			=				6/5/24	1:14PM	, ,			+	+	+	4					+	
┕	SP 1@6'		4	+	Ļ		+		1:30PM	٠,	٠,	٠,		+	-						+	
Analyses All claims including an agravities. All claims includin service in no event shall Ca affiliates or successors arisin	PLEASE MULE. Library and Damages. Cardinal's subdity and cleants exclusive remedy for any usern areing whether based in contract or for, shall be limited to the amount past by the clean for the analyses. All claims, including those for negligence and any other cleanse whistoever shall be deemed waved 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 claimages, including without limitation, business interruptions, loss of use, or loss of polities no unled by facilities as subsciouses. If the property of the property of the performance of services hereunder by Cardinal, regardless of whether such claim is based programs of the above stated reasons or otherwise.	is exclusive remedy for a see whatsoever shall be o entail damages, including services hereunder by C	ny claim deemed v without ardinal, r	arising waived imitatic	exclusive remady for any claim arising whether based in contract or tort, shall be limited to the amount paid by the claim for the exhibitorizer shall be deemed waived unless hadde in writing and received by Cardinal within 30 days after completion of the exhibitorizer shall be deemed waived unless hadde in writing and received by Cardinal within 30 days after completion of the sale database. So provide the subsidiaries that damages, including without imitation, business interruptions, lossed uponymy of the above stated reasons or difference enrices hereurable by Cardinal, regardless of whether such caum's based uponymy of the above stated reasons or difference enrices hereurable by Cardinal, regardless of whether such caum's based uponymy of the above stated reasons or difference.	ort shall wived by of use o	be limit Cardin or loss o	ed to the amount pass al within 30 days affield if profils incurred by o	paid by the client for the after completion of the a by client. Its subsidiaries treasons or otherwise.	applicat as	- 16			- 1	- 1					1	1	L
MANO BY	A S	Time 8.00 MM	Rec	elve	Received By:	The	The C	6	Phone Result: Fax Result: REMARKS:	Ħ	□ Yes	S No	o Ad	Add'l Phone #: Add'l Fax #:	# ne #							
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sampler - UPS - Bus - Other:		is		_	No No		K	Ť														

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	- 1				l	l			1
Project Manager	Cliff Danson		BILL 10]		$\left\{ \right.$	ANALYSIS REQUEST	1
Address: P.O. Box 805	w		Company Out						
city: Hobbs	State	State: NM Zip: 88241							
Phone #: 575-397-6388		575-397-0397	Address:				_		
Project #:	Projec	Project Owner: Oxy	City:				_		
Project Name:	CEDAR CANYON WTF (7/15/2	22,2/25/23,3/6/24)	State: Zip:			d	_		
Project Location:	on: New Mexico	10(Ha3				de	_		
Sampler Name:	: SIMON RENDAN	HESTER TOST	HEXBH			en	_		
FOR LABIUSE DNLY			PRESERV. SAMPLING	LING		ent	de		
Lab I.D.	Sample I.D.	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE ICE / COOL OTHER: DATE	TIME	BTEX	TPH e	Chloria		
-	SP 1@7'	7	7	1:42PM	\	\	\		
7	SP 1@8'		1 6/5/24	1:56PM	<	<	1		
w	SP 2@6'		6/5/24	2:05PM	,	•	,		
-	SP 2@7'		6/5/24	2:14PM	•	۲,	•		
7	SP 2@8'		6/5/24	2:29PM	,	,	,		
6	SP 3@6'		6/5/24	2:37PM	,	'	•		
Ū	SP 3@7'		6/5/24	2:45PM	,	,	۲		
-	SP 3@8'		6/5/24	2:53PM	•	۲	'		
Ta	SP 4@6'		6/5/24	3:05PM	•	,	•		
PLEASE NOTE: Liability analyses All claims include	SP 4@7' and Damages Cardinal's liability and client's exclusive tog those for negligence and any other cause whaten	W SP 4@7' PLEASE NOTE: Liability and Damages Cardinal's tability and closer's exclusive termedy for any claim assing whether based in pontriad or ton, shall be limited to the amount paid by the claim! for the analyses had dams including those for netilipence and any other cause whatevower that he described values making whether based in pontriad or ton, shall be limited to the amount paid by the claim! for the	d in contract or fort, shall be similed to the amount p	/24 3:14PM	8	'	'		
Relinquished By:	out of or related to the performance o	Date: Received By:	based upon any of the above stated reasons or otherwise. Phone Result.	Phone Result	FF	Yes	No No		
MAN	DA A UK	Time: 2.000 Level	tome	REMARKS:				000	
Relinquished E	raction	Fil abus		* project	36	8 7	~ S	tower shapping to an at	
Sampler - LIPS	Sampler LIPS - Rus Other		n CHECKED BY:					c	
Campion - Ci C	Just Culei.	No No	8						

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	P.O.#:	Project Manager: Cliff Brunson
ANALYSIS K	BILL TO	Company Name: BBC International, Inc.
		(505) 393-2326 FAX (505) 393-2476
		101 East Marland, Hobbs, NM 88240
		ARDINAL LABORATORIES

1			
Company Name: BBC International, Inc.	BIL	BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:		
Address: P.O. Box 805	Company: C	Оху	
City: Hobbs State: NM	Zip: 88241 Attn:		
397-6388 Fax #:	575-397-0397 Address:		
Project #: Project Owner: Oxy	er: Oxy City:	,	
ame: CEDAR CANYON WTF (Zip:	
Project Location: New Mexico	1014 33 Phone #54	nd	
Sampler Name: SIMON RENDAN	* SQ #ax#!	te,	e
	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME BTEV TPH SAT	Chlorid
SP 4@8"	7	6/5/24 3:23PM V V	
PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive femedy f	Cardina's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount past by the client for the	the amount paid by the client for the	

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

140

Sample Condition
Cool Intact
Pes Pres
No No

CHECKED BY: (Initials)

and

Time

Received By:

Phone Result: Fax Result: REMARKS:

□ Yes

O No

Add'I Phone #: Add'I Fax #:

* project point connection



June 28, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON WTF

Enclosed are the results of analyses for samples received by the laboratory on 06/06/24 16:51.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/ga/lab accredited 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)

Celey D. Keene

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



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 16 @ 4' H243260-01 Soil 30-May-24 09:15 06-Jun-24 16:51 SP 16 @ 5' H243260-02 Soil 30-May-24 09:27 06-Jun-24 16:51 SP 17 @ SURFACE H243260-03 Soil 30-May-24 09:47 06-Jun-24 16:51 SP 17 @ 1' H243260-04 Soil 30-May-24 10:10 06-Jun-24 16:51 SP 17 @ 2' H243260-05 Soil 30-May-24 10:38 06-Jun-24 16:51 SP 17 @ 3' H243260-06 Soil 30-May-24 10:38 06-Jun-24 16:51 SP 18 @ SURFACE H243260-07 Soil 30-May-24 10:53 06-Jun-24 16:51 SP 18 @ SURFACE H243260-09 Soil 30-May-24 11:12 06-Jun-24 16:51 SP 18 @ 1' H243260-10 Soil 30-May-24 11:26 06-Jun-24 16:51 SP 18 @ 2' H243260-11 Soil 30-May-24 11:26 06-Jun-24 16:51 SP 18 @ 4' H243260-13 Soil 30-May-24 13:19 06-Jun-24 16:51 SP 19 @ SUR	Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP 17 @ SURFACE	SP 16 @ 4'	H243260-01	Soil	30-May-24 09:15	06-Jun-24 16:51
SP 17 @ 1'	SP 16 @ 5'	H243260-02	Soil	30-May-24 09:27	06-Jun-24 16:51
SP 17 @ 2'	SP 17 @ SURFACE	H243260-03	Soil	30-May-24 09:47	06-Jun-24 16:51
SP 17 @ 3'	SP 17 @ 1'	H243260-04	Soil	30-May-24 10:10	06-Jun-24 16:51
SP 17 @ 4'	SP 17 @ 2'	H243260-05	Soil	30-May-24 10:24	06-Jun-24 16:51
SP 18 @ SURFACE	SP 17 @ 3'	H243260-06	Soil	30-May-24 10:38	06-Jun-24 16:51
Sp 18 @ 1'	SP 17 @ 4'	H243260-07	Soil	30-May-24 10:53	06-Jun-24 16:51
SP 18 @ 2'	SP 18 @ SURFACE	H243260-08	Soil	30-May-24 11:12	06-Jun-24 16:51
SP 18 @ 3'	SP 18 @ 1'	H243260-09	Soil	30-May-24 11:26	06-Jun-24 16:51
SP 18 @ 4'	SP 18 @ 2'	H243260-10	Soil	30-May-24 11:42	06-Jun-24 16:51
SP 19 @ SURFACE H243260-13 Soil 30-May-24 12:51 06-Jun-24 16:51 SP 19 @ 1' H243260-14 Soil 30-May-24 13:07 06-Jun-24 16:51 SP 19 @ 2' H243260-15 Soil 30-May-24 13:19 06-Jun-24 16:51 SP 19 @ 3' H243260-16 Soil 30-May-24 13:32 06-Jun-24 16:51 SP 19 @ 4' H243260-17 Soil 30-May-24 13:44 06-Jun-24 16:51 SP 20 @ SURFACE H243260-18 Soil 30-May-24 13:55 06-Jun-24 16:51 SP 20 @ 1' H243260-19 Soil 30-May-24 14:10 06-Jun-24 16:51 SP 20 @ 2' H243260-20 Soil 30-May-24 14:19 06-Jun-24 16:51 SP 20 @ 3' H243260-21 Soil 30-May-24 14:31 06-Jun-24 16:51 SP 20 @ 4' H243260-22 Soil 30-May-24 14:31 06-Jun-24 16:51 SP 20 @ 4' H243260-22 Soil 30-May-24 14:40 06-Jun-24 16:51 SP 21 @ SURFACE H243260-23 Soil 30-May-24 14:52 06-Jun-24 16:51 SP 21 @ 1' H243260-24 Soil 30-May-24 15:03 06-Jun-24 16:51 SP 21 @ 2' H243260-25 Soil 30-May-24 15:03 06-Jun-24 16:51 SP 21 @ 2' H243260-25 Soil 30-May-24 15:03 06-Jun-24 16:51 SP 21 @ 2' H243260-25 Soil 30-May-24 15:03 06-Jun-24 16:51 SP 21 @ 2' H243260-25 Soil 30-May-24 15:03 06-Jun-24 16:51 SP 21 @ 2' H243260-25 Soil 30-May-24 15:03 06-Jun-24 16:51 SP 21 @ 3' H243260-25 Soil 30-May-24 15:03 06-Jun-24 16:51 SP 21 @ 3' H243260-26 Soil 30-May-24 15:02 06-Jun-24 16:51 SP 21 @ 3' H243260-26 Soil 30-May-24 15:02 06-Jun-24 16:51	SP 18 @ 3'	H243260-11	Soil	30-May-24 11:56	06-Jun-24 16:51
SP 19 @ 1'	SP 18 @ 4'	H243260-12	Soil	30-May-24 12:12	06-Jun-24 16:51
SP 19 @ 2'	SP 19 @ SURFACE	H243260-13	Soil	30-May-24 12:51	06-Jun-24 16:51
SP 19 @ 3'	SP 19 @ 1'	H243260-14	Soil	30-May-24 13:07	06-Jun-24 16:51
SP 19 @ 4'	SP 19 @ 2'	H243260-15	Soil	30-May-24 13:19	06-Jun-24 16:51
SP 20 @ SURFACE H243260-18 Soil 30-May-24 13:55 06-Jun-24 16:51 SP 20 @ 1' H243260-19 Soil 30-May-24 14:10 06-Jun-24 16:51 SP 20 @ 2' H243260-20 Soil 30-May-24 14:19 06-Jun-24 16:51 SP 20 @ 3' H243260-21 Soil 30-May-24 14:31 06-Jun-24 16:51 SP 20 @ 4' H243260-22 Soil 30-May-24 14:40 06-Jun-24 16:51 SP 21 @ SURFACE H243260-23 Soil 30-May-24 14:52 06-Jun-24 16:51 SP 21 @ 1' H243260-24 Soil 30-May-24 15:03 06-Jun-24 16:51 SP 21 @ 2' H243260-25 Soil 30-May-24 15:14 06-Jun-24 16:51 SP 21 @ 3' H243260-26 Soil 30-May-24 15:22 06-Jun-24 16:51	SP 19 @ 3'	H243260-16	Soil	30-May-24 13:32	06-Jun-24 16:51
SP 20 @ 1'	SP 19 @ 4'	H243260-17	Soil	30-May-24 13:44	06-Jun-24 16:51
SP 20 @ 2'	SP 20 @ SURFACE	H243260-18	Soil	30-May-24 13:55	06-Jun-24 16:51
SP 20 @ 3'	SP 20 @ 1'	H243260-19	Soil	30-May-24 14:10	06-Jun-24 16:51
SP 20 @ 4'	SP 20 @ 2'	H243260-20	Soil	30-May-24 14:19	06-Jun-24 16:51
SP 21 @ SURFACE H243260-23 Soil 30-May-24 14:52 06-Jun-24 16:51 SP 21 @ 1' H243260-24 Soil 30-May-24 15:03 06-Jun-24 16:51 SP 21 @ 2' H243260-25 Soil 30-May-24 15:14 06-Jun-24 16:51 SP 21 @ 3' H243260-26 Soil 30-May-24 15:22 06-Jun-24 16:51	SP 20 @ 3'	H243260-21	Soil	30-May-24 14:31	06-Jun-24 16:51
SP 21 @ 1'	SP 20 @ 4'	H243260-22	Soil	30-May-24 14:40	06-Jun-24 16:51
SP 21 @ 2' H243260-25 Soil 30-May-24 15:14 06-Jun-24 16:51 SP 21 @ 3' H243260-26 Soil 30-May-24 15:22 06-Jun-24 16:51	SP 21 @ SURFACE	H243260-23	Soil	30-May-24 14:52	06-Jun-24 16:51
SP 21 @ 3' H243260-26 Soil 30-May-24 15:22 06-Jun-24 16:51	SP 21 @ 1'	H243260-24	Soil	30-May-24 15:03	06-Jun-24 16:51
31 21 @ 3	SP 21 @ 2'	H243260-25	Soil	30-May-24 15:14	06-Jun-24 16:51
SP 21 @ 4' H243260-27 Soil 30-May-24 15:35 06-Jun-24 16:51	SP 21 @ 3'	H243260-26	Soil	30-May-24 15:22	06-Jun-24 16:51
	SP 21 @ 4'	H243260-27	Soil	30-May-24 15:35	06-Jun-24 16:51

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Celey D. Keine



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Project Number: Project Manager:	CEDAR CANYON WTF 7/15/22,7/22/22,8/25/22,2/25/23,: Cliff Brunson (575) 397-0397	Reported: 28-Jun-24 15:38
SP 22 @ SURFACE	H243260-28	Soil	31-May-24 09:25	06-Jun-24 16:51
SP 22 @ 1'	H243260-29	Soil	31-May-24 09:43	06-Jun-24 16:51
SP 22 @ 2'	H243260-30	Soil	31-May-24 10:07	06-Jun-24 16:51
SP 22 @ 3'	H243260-31	Soil	31-May-24 10:23	06-Jun-24 16:51
SP 22 @ 4'	H243260-32	Soil	31-May-24 10:39	06-Jun-24 16:51
SP 22 @ 5'	H243260-33	Soil	31-May-24 10:52	06-Jun-24 16:51
SP 23 @ SURFACE	H243260-34	Soil	31-May-24 11:14	06-Jun-24 16:51
SP 23 @ 1'	H243260-35	Soil	31-May-24 11:32	06-Jun-24 16:51
SP 23 @ 2'	H243260-36	Soil	31-May-24 11:51	06-Jun-24 16:51
SP 23 @ 3'	H243260-37	Soil	31-May-24 12:08	06-Jun-24 16:51
SP 24 @ SURFACE	H243260-38	Soil	31-May-24 12:45	06-Jun-24 16:51
SP 24 @ 1'	H243260-39	Soil	31-May-24 13:06	06-Jun-24 16:51
SP 24 @ 2'	H243260-40	Soil	31-May-24 13:19	06-Jun-24 16:51
SP 24 @ 3'	H243260-41	Soil	31-May-24 13:36	06-Jun-24 16:51
SP 24 @ 4'	H243260-42	Soil	31-May-24 13:52	06-Jun-24 16:51
SP 25 @ SURFACE	H243260-43	Soil	31-May-24 14:12	06-Jun-24 16:51
SP 25 @ 1'	H243260-44	Soil	31-May-24 14:26	06-Jun-24 16:51
SP 25 @ 2'	H243260-45	Soil	31-May-24 14:41	06-Jun-24 16:51
SP 25 @ 3'	H243260-46	Soil	31-May-24 15:02	06-Jun-24 16:51
SP 25 @ 4'	H243260-48	Soil	31-May-24 15:29	06-Jun-24 16:51
SP 25 @ 5'	H243260-49	Soil	31-May-24 09:30	06-Jun-24 16:51
SP 26 @ SURFACE	H243260-50	Soil	03-Jun-24 09:46	06-Jun-24 16:51
SP 26 @ 1'	H243260-51	Soil	03-Jun-24 10:02	06-Jun-24 16:51
SP 26 @ 2'	H243260-52	Soil	03-Jun-24 10:23	06-Jun-24 16:51
SP 26 @ 3'	H243260-53	Soil	03-Jun-24 10:23	06-Jun-24 16:51
SP 26 @ 4'	H243260-54	Soil	03-Jun-24 10:40	06-Jun-24 16:51
SP 26 @ 5'	H243260-55	Soil	03-Jun-24 10:54	06-Jun-24 16:51
SP 27 @ SURFACE	H243260-56	Soil	03-Jun-24 11:10	06-Jun-24 16:51
SP 27 @ 1'	H243260-57	Soil	03-Jun-24 11:25	06-Jun-24 16:51
SP 27 @ 2'	H243260-58	Soil	03-Jun-24 11:43	06-Jun-24 16:51

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Project Number: Project Manager:	CEDAR CANYON WTF 7/15/22,7/22/22,8/25/22,2/25/23,: Cliff Brunson (575) 397-0397	Reported: 28-Jun-24 15:38
SP 27 @ 3'	H243260-59	Soil	03-Jun-24 12:04	06-Jun-24 16:51
SP 27 @ 4'	H243260-60	Soil	03-Jun-24 12:47	06-Jun-24 16:51
SP 27 @ 5'	H243260-61	Soil	03-Jun-24 13:05	06-Jun-24 16:51
SP 28 @ SURFACE	H243260-62	Soil	03-Jun-24 13:19	06-Jun-24 16:51
SP 28 @ 1'	H243260-63	Soil	03-Jun-24 13:34	06-Jun-24 16:51
SP 28 @ 2'	H243260-64	Soil	03-Jun-24 13:52	06-Jun-24 16:51
SP 28 @ 3'	H243260-65	Soil	03-Jun-24 14:05	06-Jun-24 16:51
SP 28 @ 4'	H243260-66	Soil	03-Jun-24 14:16	06-Jun-24 16:51
SP 28 @ 5'	H243260-67	Soil	03-Jun-24 14:29	06-Jun-24 16:51
SP 29 @ SURFACE	H243260-68	Soil	03-Jun-24 14:46	06-Jun-24 16:51
SP 29 @ 1'	H243260-69	Soil	03-Jun-24 15:07	06-Jun-24 16:51
SP 29 @ 2'	H243260-70	Soil	04-Jun-24 09:20	06-Jun-24 16:51
SP 29 @ 3'	H243260-71	Soil	04-Jun-24 09:37	06-Jun-24 16:51
SP 29 @ 4'	H243260-72	Soil	04-Jun-24 09:52	06-Jun-24 16:51
SP 30 @ SURFACE	H243260-73	Soil	04-Jun-24 10:12	06-Jun-24 16:51
SP 30 @ 1'	H243260-74	Soil	04-Jun-24 10:26	06-Jun-24 16:51
SP 30 @ 2'	H243260-75	Soil	04-Jun-24 10:41	06-Jun-24 16:51
SP 30 @ 3'	H243260-76	Soil	04-Jun-24 10:56	06-Jun-24 16:51
SP 30 @ 4'	H243260-77	Soil	04-Jun-24 11:12	06-Jun-24 16:51
SP 30 @ 5'	H243260-78	Soil	04-Jun-24 11:24	06-Jun-24 16:51
SP 31 @ SURFACE	H243260-79	Soil	04-Jun-24 11:38	06-Jun-24 16:51
SP 31 @ 1'	H243260-80	Soil	04-Jun-24 11:55	06-Jun-24 16:51
SP 31 @ 2'	H243260-81	Soil	04-Jun-24 12:45	06-Jun-24 16:51
SP 31 @ 3'	H243260-82	Soil	04-Jun-24 13:10	06-Jun-24 16:51
SP 31 @ 4'	H243260-83	Soil	04-Jun-24 13:27	06-Jun-24 16:51
SP 31 @ 5'	H243260-84	Soil	04-Jun-24 13:46	06-Jun-24 16:51
SP 32 @ SURFACE	H243260-85	Soil	04-Jun-24 14:08	06-Jun-24 16:51
SP 32 @ 1'	H243260-86	Soil	04-Jun-24 14:21	06-Jun-24 16:51
SP 32 @ 2'	H243260-87	Soil	04-Jun-24 14:40	06-Jun-24 16:51
SP 32 @ 3'	H243260-88	Soil	04-Jun-24 15:02	06-Jun-24 16:51

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF
Reported:
P.O. Box 805
Project Number: 7/15/22,7/22/22,8/25/23,: 28-Jun-24 15:38

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

SP 32 @ 4' H243260-89 Soil 04-Jun-24 15:17 06-Jun-24 16:51 SP 32 @ 5' H243260-90 Soil 04-Jun-24 15:29 06-Jun-24 16:51

06/28/24 - Client changed the project name (see COC). This is the revised report and will replace the one sent on 06/12/24.

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Celey D. Keine



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Reported:

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Project Manager: Cliff Brunson

28-Jun-24 15:38

Fax To: (575) 397-0397

SP 16 @ 4' H243260-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		113 %	71.5	-134	4060735	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			95.5 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			97.5 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 16 @ 5' H243260-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		110 %	71.5	-134	4060735	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			102 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 17 @ SURFACE H243260-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	30000		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JН	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		114 %	71.5	-134	4060735	JH	08-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 15:38

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 17@ 1' H243260-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4400		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060735	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	ID)		120 %	71.5	-134	4060735	ЈН	08-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			113 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			114 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 17 @ 2' H243260-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	3520		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		112 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane		·	110 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 17 @ 3' H243260-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	464		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5	-134	4060736	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			85.6 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			85.9 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 17@ 4' H243260-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	96.0		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		120 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			102 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			98.9 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 18 @ SURFACE H243260-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	15000		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JН	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		122 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			100 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celeg D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 18 @ 1' H243260-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	608		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			113 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			111 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 18 @ 2' H243260-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	368		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		114 %	71.5	-134	4060736	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			105 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 18 @ 3' H243260-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	400		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	TD)		112 %	71.5	-134	4060736	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			98.4 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			95.9 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 15:38

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 18 @ 4' H243260-12 (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	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Reported:

28-Jun-24 15:38



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

Analytical Results For:

BBC International, Inc.

P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 19 @ SURFACE H243260-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	9900		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		114 %	71.5-134		4060736	ЈН	10-Jun-24	8021B		
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	43.4		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	QM-07
EXT DRO >C28-C36	18.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			110 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 19 @ 1' H243260-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	896		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	(D)		108 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			128 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			132 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 19 @ 2' H243260-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	528		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		112 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			129 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			139 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 19 @ 3' H243260-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	416		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		107 %	71.5	-134	4060736	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			134 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			139 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 19 @ 4' H243260-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			108 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 20@ SURFACE H243260-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	3920		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pli	D)		111 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			122 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			123 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Reported:

28-Jun-24 15:38



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

Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 20 @ 1' H243260-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1380		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds I	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		112 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			119 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			122 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 15:38

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 20 @ 2' H243260-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	928		16.0	mg/kg	4	4061022	НМ	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method 8	8021								
Benzene*	< 0.050	·	0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-	134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			127 %	48.2-	134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			135 %	49.1-	148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 20 @ 3' H243260-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		103 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			118 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			128 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 15:38

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 20 @ 4' H243260-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		104 %	71.5	-134	4060736	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Reported:

28-Jun-24 15:38



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

Analytical Results For:

BBC International, Inc.

P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 21@ SURFACE H243260-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	8400		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			110 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 21 @ 1' H243260-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1380		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		102 %	71.5	-134	4060736	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			122 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			125 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 21 @ 2' H243260-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1280		16.0	mg/kg	4	4061022	НМ	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			125 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			130 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager

Reported:

28-Jun-24 15:38



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

Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 21 @ 3' H243260-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	624		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JН	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		109 %	71.5	-134	4060737	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	11-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	11-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctane			86.6 %	48.2	-134	4060720	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			86.1 %	49.1	-148	4060720	MS	11-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 21 @ 4' H243260-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	672		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		107 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			127 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			133 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 22 @ SURFACE H243260-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		108 %	71.5	-134	4060737	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			108 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			119 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 22 @ 1' H243260-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	3040		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	71.5	-134	4060737	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			107 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			110 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 15:38

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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

> SP 22 @ 2' H243260-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	256		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		105 %	71.5	-134	4060737	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			112 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			118 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 22 @ 3' H243260-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	304		16.0	mg/kg	4	4061024	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by G	SC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			134 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			142 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 22 @ 4' H243260-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4061001	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4061001	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4061001	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			123 %	48.2	-134	4061001	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			127 %	49.1	-148	4061001	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 22 @ 5' H243260-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	ЈН	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		106 %	71.5	-134	4060737	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			96.9 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			126 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 23 @ SURFACE H243260-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1320		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		104 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	46.2		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	14.2		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			102 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			130 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 23 @ 1' H243260-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pli	D)		103 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			99.5 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			122 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 23 @ 2' H243260-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	112		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		104 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			99.8 %	48.2-	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			129 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 23 @ 3' H243260-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		104 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			131 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 24@ SURFACE H243260-38 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	37600		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JН	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		105 %	71.5	-134	4060737	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	84.5		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	31.3		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			89.5 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			114 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 24 @ 1' H243260-39 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	6000		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	D)		106 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			104 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			130 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 24 @ 2' H243260-40 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	1300		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		105 %	71.5	-134	4060737	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			91.2 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 15:38

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 24 @ 3' H243260-41 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	336		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		101 %	71.5	-134	4060737	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			130 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 24 @ 4' H243260-42 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		105 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			96.8 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 25 @ SURFACE H243260-43 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	5360		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		108 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			74.0 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			94.7 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 25 @ 1' H243260-44 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	2400		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		105 %	71.5	-134	4060737	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			97.3 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

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

> SP 25 @ 2' H243260-45 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1400		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	GC-NC
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		102 %	71.5	-134	4060738	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			99.9 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			124 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: P.O. Box 805

Project: CEDAR CANYON WTF Reported: 28-Jun-24 15:38

Hobbs NM, 88241

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

> SP 25@ 3' H243260-46 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	480		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	GC-NC
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		100 %	71.5	-134	4060738	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	y GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			103 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			129 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 28-Jun-24 15:38

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 25 @ 4' H243260-48 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		99.9 %	71.5	-134	4060738	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			111 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			138 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 25 @ 5' H243260-49 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	192		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		99.3 %	71.5	-134	4060738	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			102 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			127 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

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

> SP 26 @ SURFACE H243260-50 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	6400		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		103 %	71.5	-134	4060738	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									S-06
GRO C6-C10*	< 50.0		50.0	mg/kg	5	4060721	MS	11-Jun-24	8015B	
DRO >C10-C28*	16100		50.0	mg/kg	5	4060721	MS	11-Jun-24	8015B	
EXT DRO > C28-C36	5680		50.0	mg/kg	5	4060721	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctane			124 %	48.2	-134	4060721	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			409 %	49.1	-148	4060721	MS	11-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 26 @ 1' H243260-51 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	4080		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		98.9 %	71.5	-134	4060738	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									S-04
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	2240		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	778		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			107 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			164 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 26 @ 2' H243260-52 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	6500		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		98.3 %	71.5	-134	4060738	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			111 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			141 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 26@ 3' H243260-53 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	tories					
Inorganic Compounds										
Chloride	304		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		97.8 %	71.5	-134	4060738	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			90.1 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Hobbs NM, 88241

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 26 @ 4' H243260-54 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		97.9 %	71.5	-134	4060738	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			94.1 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			88.1 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 26 @ 5' H243260-55 (Soil)

			Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.5 %	71.5	-134	4060738	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by Go	CFID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	27.7		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			115 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 27 @ SURFACE H243260-56 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	20600		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		99.3 %	71.5	i-134	4060738	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	5690		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	1350		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	2-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			148 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 27 @ 1' H243260-57 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	7800		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		99.8 %	71.5	-134	4060738	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	24.7		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			129 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			126 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 27 @ 2' H243260-58 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	6200		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JН	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.8 %	71.5-	-134	4060738	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	11-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060722	MS	11-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctane			86.6 %	48.2-	-134	4060722	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			83.2 %	49.1-	-148	4060722	MS	11-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 27 @ 3' H243260-59 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	848		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		98.4 %	71.5	-134	4060738	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			131 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			123 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 27 @ 4' H243260-60 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	224		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		97.6 %	71.5	-134	4060738	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	11-Jun-24	8015B	
DRO >C10-C28*	13.2		10.0	mg/kg	1	4060722	MS	11-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctane			91.9 %	48.2	-134	4060722	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			81.2 %	49.1	-148	4060722	MS	11-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 27 @ 5' H243260-61 (Soil)

Cardinal Laboratories Cardinal Compounds Chloride 32.0 16.0 mg/kg 4 4061040 AC 10-Jun-24 4500-Cl-B	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Chloride 32.0 16.0 mg/kg 4 4061040 AC 10-Jun-24 4500-Cl-B Volatile Organic Compounds by EPA Method 8021 Benzene* <0.050				Cardina	l Laborat	tories					
No. No.	Inorganic Compounds										
Benzene* <0.050 0.050 mg/kg 50 4060738 JH 10-Jun-24 8021B Toluene* <0.050	Chloride	32.0		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Toluene* < 0.050	Volatile Organic Compounds	by EPA Method	8021								
Ethylbenzene* < 0.050	Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes* <0.150	Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX <0.300 0.300 mg/kg 50 4060738 JH 10-Jun-24 8021B Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134 4060738 JH 10-Jun-24 8021B Petroleum Hydrocarbons by GC FID GRO C6-C10* <10.0	Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134 4060738 JH 10-Jun-24 8021B Petroleum Hydrocarbons by GC FID GRO C6-C10* <10.0	Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by GC FID GRO C6-C10* 10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B DRO >C10-C28* 23.6 10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B EXT DRO >C28-C36 <10.0	Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
GRO C6-C10* <10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B DRO >C10-C28* 23.6 10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B EXT DRO >C28-C36 <10.0 10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B Surrogate: 1-Chlorooctane 125 % 48.2-134 4060722 MS 10-Jun-24 8015B	Surrogate: 4-Bromofluorobenzene (PII	D)		97.6 %	71.5	-134	4060738	ЈН	10-Jun-24	8021B	
DRO >C10-C28* 23.6 10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B EXT DRO >C28-C36 <10.0	Petroleum Hydrocarbons by	GC FID									
EXT DRO > C28-C36	GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane 125 % 48.2-134 4060722 MS 10-Jun-24 8015B	DRO >C10-C28*	23.6		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
120 / 0 / 0.2 10 /	EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane 111 % 49.1-148 4060722 MS 10-Jun-24 8015B	Surrogate: 1-Chlorooctane			125 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
	Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 28 @ SURFACE H243260-62 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	16800		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	GC-NC
Total Xylenes*	0.371		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	GC-NC1
Total BTEX	0.371		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	GC-NC1
Surrogate: 4-Bromofluorobenzene (PID))		130 %	71.5	-134	4060738	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									S-06
GRO C6-C10*	136		100	mg/kg	10	4060722	MS	11-Jun-24	8015B	
DRO >C10-C28*	37300		100	mg/kg	10	4060722	MS	11-Jun-24	8015B	
EXT DRO >C28-C36	8210		100	mg/kg	10	4060722	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctane			149 %	48.2	-134	4060722	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			940 %	49.1	-148	4060722	MS	11-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Hobbs NM, 88241

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

> SP 28 @ 1' H243260-63 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	2080		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								S-04
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	GC-NC
Total Xylenes*	0.231		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	GC-NC1
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		145 %	71.5	-134	4060738	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	67.5		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	4050		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	852		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			95.5 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 28 @ 2' H243260-64 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1380		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	TD)		97.2 %	71.5	-134	4060738	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			94.6 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			85.2 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Hobbs NM, 88241

Project: CEDAR CANYON WTF Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

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

> SP 28 @ 3' H243260-65 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	464		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		99.2 %	71.5	-134	4060738	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2-	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			92.5 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 28 @ 4' H243260-66 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		90.2 %	71.5	-134	4061003	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			93.4 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			85.4 %	49.1-	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keine



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 28 @ 5' H243260-67 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds l	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		91.3 %	71.5	-134	4061003	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	14.8		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			65.3 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			54.1 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 29 @ SURFACE H243260-68 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	8560		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		88.4 %	71.5	-134	4061003	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									S-06
GRO C6-C10*	<100		100	mg/kg	10	4060722	MS	11-Jun-24	8015B	
DRO >C10-C28*	28100		100	mg/kg	10	4060722	MS	11-Jun-24	8015B	
EXT DRO >C28-C36	8650		100	mg/kg	10	4060722	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctane			164 %	48.2	-134	4060722	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			841 %	49.1	-148	4060722	MS	11-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 29 @ 1' H243260-69 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	3600		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		88.4 %	71.5	-134	4061003	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			118 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			108 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 29 @ 2' H243260-70 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1310		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			85.8 %	71.5	-134	4061003	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			100 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			89.5 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 29 @ 3' H243260-71 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	208		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		89.5 %	71.5	-134	4061003	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			91.0 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			85.8 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 29 @ 4' H243260-72 (Soil)

Cardinal Laboratories	Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Chloride 160 16.0 mg/kg 4 4061040 AC 10-Jun-24 4500-Cl-B Volatile Organic Compounds by EPA Method 8021 Benzene* <0.050				Cardina	l Laborat	tories					
No. No.	Inorganic Compounds										
Benzene* <0.050 0.050 mg/kg 50 4061003 JH 10-Jun-24 8021B Toluene* <0.050	Chloride	160		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Toluene* < 0.050	Volatile Organic Compound	ls by EPA Method	8021								
Ethylbenzene* <0.050	Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes* <0.150	Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX <0.300 0.300 mg/kg 50 4061003 JH 10-Jun-24 8021B Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134 4061003 JH 10-Jun-24 8021B Petroleum Hydrocarbons by GC FID GRO C6-C10* <10.0	Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134 4061003 JH 10-Jun-24 8021B Petroleum Hydrocarbons by GC FID GRO C6-C10* <10.0	Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by GC FID GRO C6-C10* 10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B DRO >C10-C28* 42.8 10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B EXT DRO >C28-C36 <10.0	Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
GRO C6-C10* <10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B DRO >C10-C28* 42.8 10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B EXT DRO >C28-C36 <10.0 10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B Surrogate: 1-Chlorooctane 112 % 48.2-134 4060722 MS 10-Jun-24 8015B	Surrogate: 4-Bromofluorobenzene (F	PID)		90.9 %	71.5	-134	4061003	ЈН	10-Jun-24	8021B	
DRO >C10-C28* 42.8 10.0 mg/kg 1 4060722 MS 10-Jun-24 8015B EXT DRO >C28-C36 <10.0	Petroleum Hydrocarbons by	y GC FID									
EXT DRO > C28-C36	GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane 112 % 48.2-134 4060722 MS 10-Jun-24 8015B	DRO >C10-C28*	42.8		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
112/	EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane 101 % 49.1-148 4060722 MS 10-Jun-24 8015B	Surrogate: 1-Chlorooctane			112 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
	Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 30@ SURFACE H243260-73 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	7500		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	QM-07
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		88.7 %	71.5	-134	4061003	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			105 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			97.5 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

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

> SP 30 @ 1' H243260-74 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	2200		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		88.4 %	71.5	-134	4061003	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			83.4 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			74.7 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 30 @ 2' H243260-75 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1700		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	TD)		88.9 %	71.5	-134	4061003	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			82.8 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			72.2 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 30 @ 3' H243260-76 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	624		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		88.9 %	71.5	-134	4061003	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			78.6 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			72.4 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 30 @ 4' H243260-77 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	320		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		89.3 %	71.5	-134	4061003	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	11-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	11-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctane			73.3 %	48.2	-134	4060723	MS	11-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			64.3 %	49.1	-148	4060723	MS	11-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 30 @ 5' H243260-78 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	400		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		90.0 %	71.5	-134	4061003	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			76.6 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			69.1 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 31@ SURFACE H243260-79 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	23600		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pli	D)		85.6 %	71.5	-134	4061003	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	807		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	373		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			90.1 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			93.2 %	49.1-	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Reported:

Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: Project Manager: Cliff Brunson

Project: CEDAR CANYON WTF

28-Jun-24 15:38

Fax To: (575) 397-0397

SP 31 @ 1' H243260-80 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1040		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		·	88.1 %	71.5-	134	4061003	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	39.1		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			81.7 %	48.2-	134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			77.4 %	49.1-	148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 31 @ 2' H243260-81 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	960		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (F	PID)		88.6 %	71.5	-134	4061003	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			90.3 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			84.1 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

> SP 31 @ 3' H243260-82 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	480		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JН	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JН	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JН	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		88.4 %	71.5	-134	4061003	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			81.1 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			73.7 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 31 @ 4' H243260-83 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	176		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(D)		88.5 %	71.5	-134	4061003	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			63.5 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			57.1 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 31 @ 5' H243260-84 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		108 %	71.5	-134	4061004	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			66.0 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			59.9 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

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

SP 32 @ SURFACE

H243260-85 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	21600		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds by 1	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5	-134	4061004	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	109		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	98.8		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			80.0 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			74.3 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 32 @ 1' H243260-86 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	2280		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		108 %	71.5	-134	4061004	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	53.3		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	12.8		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			81.4 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			79.1 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 32 @ 2' H243260-87 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4800		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds l	oy EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		109 %	71.5	-134	4061004	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by G	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			81.2 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			73.8 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 32 @ 3' H243260-88 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	480		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	71.5	-134	4061004	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	18.1		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			86.6 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			80.5 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 32 @ 4' H243260-89 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	224		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method 8	3021								
Benzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061004	JН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		·	108 %	71.5-	-134	4061004	JH	10-Jun-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			91.7 %	48.2-	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			85.5 %	49.1-	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

SP 32 @ 5' H243260-90 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	160		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4061004	JН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061004	JН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pa	ID)		108 %	71.5	-134	4061004	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctane			64.0 %	48.2	-134	4060723	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			58.0 %	49.1	-148	4060723	MS	10-Jun-24	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson 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
2 Mary C	Result	Limit	Omis	Level	Result	70KEC	Lillius	Ki D	Liiiit	110168
Batch 4061022 - 1:4 DI Water										
Blank (4061022-BLK1)				Prepared &	analyzed:	10-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4061022-BS1)				Prepared &	k Analyzed:	10-Jun-24				
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (4061022-BSD1)				Prepared &	k Analyzed:	10-Jun-24				
Chloride	432	16.0	mg/kg	400		108	80-120	3.64	20	
Batch 4061024 - 1:4 DI Water										
Blank (4061024-BLK1)				Prepared &	k Analyzed:	10-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4061024-BS1)				Prepared &	k Analyzed:	10-Jun-24				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4061024-BSD1)				Prepared 8	t Analyzed:	10-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120	3.77	20	
Batch 4061038 - 1:4 DI Water										
Blank (4061038-BLK1)				Prepared &	k Analyzed:	10-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4061038-BS1)				Prepared &	k Analyzed:	10-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120			

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

Project Manager: Cliff Brunson 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 4061038 - 1:4 DI Water										
LCS Dup (4061038-BSD1)				Prepared &	: Analyzed:	10-Jun-24				
Chloride	432	16.0	mg/kg	400	•	108	80-120	3.77	20	
Batch 4061039 - 1:4 DI Water										
Blank (4061039-BLK1)				Prepared &	: Analyzed:	10-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4061039-BS1)				Prepared &	Analyzed:	10-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4061039-BSD1)				Prepared &	Analyzed:	10-Jun-24				
Chloride	400	16.0	mg/kg	400		100	80-120	3.92	20	
Batch 4061040 - 1:4 DI Water										
Blank (4061040-BLK1)				Prepared &	Analyzed:	10-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4061040-BS1)				Prepared &	Analyzed:	10-Jun-24				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4061040-BSD1)				Prepared &	Analyzed:	10-Jun-24				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 4061041 - 1:4 DI Water										
Blank (4061041-BLK1)				Prepared &	: Analyzed:	10-Jun-24				
Chloride	ND	16.0	mg/kg							

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Celeg D. Keene

Reported:

28-Jun-24 15:38

RPD

Limit

Notes



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

%REC

Limits

RPD

Analytical Results For:

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

Analyte

Project: CEDAR CANYON WTF

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Result

%REC

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

Spike

Level

Inorganic Compounds - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

Batch 4061041 - 1:4 DI Water									
LCS (4061041-BS1)				Prepared & An	alyzed: 10-Jun-24				
Chloride	432	16.0	mg/kg	400	108	80-120			
LCS Dup (4061041-BSD1)				Prepared & An	alyzed: 10-Jun-24				
Chloride	432	16.0	mg/kg	400	108	80-120	0.00	20	

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Celey D. Keine



%REC

Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Spike

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Reported: 28-Jun-24 15:38

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 4060735 - Volatiles										
Blank (4060735-BLK1)				Prepared: 0	7-Jun-24 A	nalyzed: 0	8-Jun-24			
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)	0.0576		mg/kg	0.0500		115	71.5-134			
LCS (4060735-BS1)				Prepared: 0	7-Jun-24 A	nalyzed: 0	8-Jun-24			
Benzene	1.82	0.050	mg/kg	2.00		91.1	82.8-130			
Toluene	1.84	0.050	mg/kg	2.00		91.9	86-128			
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.4	85.9-128			
m,p-Xylene	3.80	0.100	mg/kg	4.00		95.1	89-129			
o-Xylene	1.92	0.050	mg/kg	2.00		96.2	86.1-125			
Total Xylenes	5.73	0.150	mg/kg	6.00		95.5	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0518		mg/kg	0.0500		104	71.5-134			
LCS Dup (4060735-BSD1)				Prepared: 0	7-Jun-24 A	nalyzed: 0	8-Jun-24			
Benzene	1.88	0.050	mg/kg	2.00		94.0	82.8-130	3.14	15.8	
Toluene	1.96	0.050	mg/kg	2.00		98.1	86-128	6.57	15.9	
Ethylbenzene	2.08	0.050	mg/kg	2.00		104	85.9-128	8.71	16	
m,p-Xylene	4.18	0.100	mg/kg	4.00		105	89-129	9.42	16.2	
o-Xylene	2.09	0.050	mg/kg	2.00		104	86.1-125	8.18	16.7	
Total Xylenes	6.27	0.150	mg/kg	6.00		104	88.2-128	9.01	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0567		mg/kg	0.0500		113	71.5-134			

Blank (4060736-BLK1)			Prepared: 07-Jun-24 Analyzed: 10-Jun-24
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	

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Spike

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Reported: 28-Jun-24 15:38

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 4060736 - Volatiles										
Blank (4060736-BLK1)				Prepared: (7-Jun-24 A	nalyzed: 1	0-Jun-24			
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0596		mg/kg	0.0500		119	71.5-134			
LCS (4060736-BS1)				Prepared: (7-Jun-24 A	nalyzed: 1	0-Jun-24			
Benzene	1.76	0.050	mg/kg	2.00		87.9	82.8-130			
Toluene	1.85	0.050	mg/kg	2.00		92.7	86-128			
Ethylbenzene	1.96	0.050	mg/kg	2.00		98.0	85.9-128			
m,p-Xylene	3.92	0.100	mg/kg	4.00		98.1	89-129			
o-Xylene	1.98	0.050	mg/kg	2.00		98.8	86.1-125			
Total Xylenes	5.90	0.150	mg/kg	6.00		98.3	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0548		mg/kg	0.0500		110	71.5-134			
LCS Dup (4060736-BSD1)				Prepared: (7-Jun-24 A	nalyzed: 1	0-Jun-24			
Benzene	1.79	0.050	mg/kg	2.00		89.4	82.8-130	1.75	15.8	
Toluene	1.87	0.050	mg/kg	2.00		93.3	86-128	0.712	15.9	
Ethylbenzene	1.96	0.050	mg/kg	2.00		98.2	85.9-128	0.104	16	
m,p-Xylene	3.95	0.100	mg/kg	4.00		98.7	89-129	0.625	16.2	
o-Xylene	1.97	0.050	mg/kg	2.00		98.7	86.1-125	0.0843	16.7	
Total Xylenes	5.92	0.150	mg/kg	6.00		98.7	88.2-128	0.388	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0548		mg/kg	0.0500		110	71.5-134			
Batch 4060737 - Volatiles										

Blank (4060737-BLK1)				Prepared: 07-Jun-24 Analyzed: 10-Jun-24	
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)	0.0525		mg/kg	0.0500 105 71.5-134	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

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

Project: CEDAR CANYON WTF

Spike

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Reported: 28-Jun-24 15:38

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 4060737 - Volatiles										
LCS (4060737-BS1)				Prepared: 0	7-Jun-24 A	nalyzed: 1	0-Jun-24			
Benzene	1.92	0.050	mg/kg	2.00		96.0	82.8-130			
Toluene	1.97	0.050	mg/kg	2.00		98.5	86-128			
Ethylbenzene	2.01	0.050	mg/kg	2.00		100	85.9-128			
m,p-Xylene	3.92	0.100	mg/kg	4.00		97.9	89-129			
o-Xylene	2.00	0.050	mg/kg	2.00		100	86.1-125			
Total Xylenes	5.92	0.150	mg/kg	6.00		98.7	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0487		mg/kg	0.0500		97.3	71.5-134			
LCS Dup (4060737-BSD1)				Prepared: 0	7-Jun-24 A	nalyzed: 1	0-Jun-24			
Benzene	1.94	0.050	mg/kg	2.00		96.9	82.8-130	1.00	15.8	
Toluene	2.00	0.050	mg/kg	2.00		100	86-128	1.62	15.9	
Ethylbenzene	2.03	0.050	mg/kg	2.00		101	85.9-128	1.15	16	
m,p-Xylene	3.95	0.100	mg/kg	4.00		98.7	89-129	0.801	16.2	
o-Xylene	2.02	0.050	mg/kg	2.00		101	86.1-125	0.849	16.7	
Total Xylenes	5.97	0.150	mg/kg	6.00		99.5	88.2-128	0.817	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0497		mg/kg	0.0500		99.5	71.5-134			

Batch 4060738 - Volatiles

Blank (4060738-BLK1)				Prepared: 07-Jun-24 Analyzed: 10-Jun-24
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)	ND		mg/kg	0.0500 98.5 71.5-134

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



%REC

Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Spike

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Reported: 28-Jun-24 15:38

RPD

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

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Reporting

Cardinal Laboratories

		FB		F						
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4060738 - Volatiles										
LCS (4060738-BS1)				Prepared: (7-Jun-24 A	nalyzed: 1	0-Jun-24			
Benzene	1.88	0.050	mg/kg	2.00		94.2	82.8-130			
Toluene	1.86	0.050	mg/kg	2.00		93.0	86-128			
Ethylbenzene	1.77	0.050	mg/kg	2.00		88.5	85.9-128			
m,p-Xylene	3.51	0.100	mg/kg	4.00		87.7	89-129			BS-3
o-Xylene	1.95	0.050	mg/kg	2.00		97.5	86.1-125			
Total Xylenes	5.46	0.150	mg/kg	6.00		91.0	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0482		mg/kg	0.0500		96.4	71.5-134			
LCS Dup (4060738-BSD1)				Prepared: (7-Jun-24 A	nalyzed: 1	0-Jun-24			
Benzene	1.93	0.050	mg/kg	2.00		96.3	82.8-130	2.28	15.8	
Toluene	1.90	0.050	mg/kg	2.00		95.0	86-128	2.12	15.9	
Ethylbenzene	1.82	0.050	mg/kg	2.00		90.8	85.9-128	2.53	16	
m,p-Xylene	3.61	0.100	mg/kg	4.00		90.3	89-129	2.89	16.2	
o-Xylene	2.01	0.050	mg/kg	2.00		100	86.1-125	2.95	16.7	
Total Xylenes	5.62	0.150	mg/kg	6.00		93.7	88.2-128	2.91	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.6	71.5-134			

Batch 4061003 - Volatiles

Blank (4061003-BLK1)				Prepared & Analy	yzed: 10-Jun-24		
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)	ND		mg/kg	0.0500	89.7	71.5-134	

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Celey D. Keine



%REC

86-128

85.9-128

92.1

95.4

Analytical Results For:

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

Toluene

Ethylbenzene

Surrogate: 4-Bromofluorobenzene (PID)

Project: CEDAR CANYON WTF Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Spike

2.00

2.00

Source

Reported: 28-Jun-24 15:38

RPD

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

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4061003 - Volatiles										
LCS (4061003-BS1)				Prepared &	k Analyzed:	10-Jun-24				
Benzene	1.83	0.050	mg/kg	2.00		91.7	82.8-130			

mg/kg

mg/kg

Total Xylenes	5.57	0.150	mg/kg	6.00	92.8	88.2-128
o-Xylene	1.83	0.050	mg/kg	2.00	91.3	86.1-125
m,p-Xylene	3.74	0.100	mg/kg	4.00	93.5	89-129

1.84

1.91

Reporting

0.050

0.050

0.0470 94.0 71.5-134 Surrogate: 4-Bromofluorobenzene (PID) mg/kg 0.0500 LCS Dun (4061003-RSD1) Prenared & Analyzed: 10-Jun-24

LCS Dup (4001003-DSD1)		Frepared & Anaryzed: 10-Jun-24									
Benzene	1.79	0.050	mg/kg	2.00	89.5	82.8-130	2.49	15.8			
Toluene	1.77	0.050	mg/kg	2.00	88.4	86-128	4.10	15.9			
Ethylbenzene	1.81	0.050	mg/kg	2.00	90.4	85.9-128	5.38	16			
m,p-Xylene	3.53	0.100	mg/kg	4.00	88.2	89-129	5.86	16.2	BS-3		
o-Xylene	1.75	0.050	mg/kg	2.00	87.3	86.1-125	4.51	16.7			
Total Xylenes	5.27	0.150	mg/kg	6.00	87.9	88.2-128	5.41	16.3	BS-3		
Surrogate: 4-Bromofluorobenzene (PID)	0.0452		mg/kg	0.0500	90.5	71.5-134					

mg/kg

Batch 4061004 - Volatiles

Blank (4061004-BLK1)				Prepared & Analyz	zed: 10-Jun-24		
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)	0.0538		mg/kg	0.0500	108	71.5-134	

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Celey D. Keine



%REC

Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Spike

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Reported: 28-Jun-24 15:38

RPD

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

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

		resporting		Spine	Bouree		, orthog		Ter D	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4061004 - Volatiles										
LCS (4061004-BS1)				Prepared &	Analyzed:	10-Jun-24				
Benzene	1.97	0.050	mg/kg	2.00		98.7	82.8-130			
Toluene	2.10	0.050	mg/kg	2.00		105	86-128			
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	85.9-128			
m,p-Xylene	4.38	0.100	mg/kg	4.00		110	89-129			
o-Xylene	2.05	0.050	mg/kg	2.00		103	86.1-125			
Total Xylenes	6.43	0.150	mg/kg	6.00		107	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0515		mg/kg	0.0500		103	71.5-134			
LCS Dup (4061004-BSD1)				Prepared &	: Analyzed:	10-Jun-24				
Benzene	2.06	0.050	mg/kg	2.00		103	82.8-130	4.27	15.8	
Toluene	2.19	0.050	mg/kg	2.00		109	86-128	4.12	15.9	
Ethylbenzene	2.17	0.050	mg/kg	2.00		109	85.9-128	3.62	16	
m,p-Xylene	4.52	0.100	mg/kg	4.00		113	89-129	2.98	16.2	
o-Xylene	2.13	0.050	mg/kg	2.00		107	86.1-125	3.90	16.7	
Total Xylenes	6.65	0.150	mg/kg	6.00		111	88.2-128	3.28	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0509		mg/kg	0.0500		102	71.5-134			

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Celeg D. Keine



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Blank (4060719-BLK1)

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Prepared & Analyzed: 07-Jun-24

28-Jun-24 15:38

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

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 4060719 - General Prep - Organics										

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	55.8		mg/kg	50.0	112	48.2-134	
Surrogate: 1-Chlorooctadecane	55.1		mg/kg	50.0	110	49.1-148	
LCS (4060719-BS1)				Prepared & Ana	lyzed: 07-Jun-24		
GRO C6-C10	209	10.0	mg/kg	200	104	66.4-123	
DRO >C10-C28	204	10.0	mg/kg	200	102	66.5-118	
Total TPH C6-C28	413	10.0	mg/kg	400	103	77.6-123	

Surrogate: 1-Chlorooctane	53.5		mg/kg	50.0	107	48.2-134			
Surrogate: 1-Chlorooctadecane	55.1		mg/kg	50.0	110	49.1-148			
LCS Dup (4060719-BSD1)				Prepared & Ana	alyzed: 07-Jun-24				
GRO C6-C10	216	10.0	mg/kg	200	108	66.4-123	3.71	17.7	
DRO >C10-C28	208	10.0	mg/kg	200	104	66.5-118	1.73	21	
Total TPH C6-C28	424	10.0	mg/kg	400	106	77.6-123	2.74	18.5	
Surrogate: 1-Chlorooctane	63.4		mg/kg	50.0	127	48.2-134			
Surrogate: 1-Chlorooctadecane	61.5		mg/kg	50.0	123	49.1-148			

Blank (4060720-BLK1)				Prepared: 07-Jun-	24 Analyzed: 10)-Jun-24	
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	48.2-134	
Surrogate: 1-Chlorooctadecane	69.1		mg/kg	50.0	138	49.1-148	

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Celey D. Keine



%REC

Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF
Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Spike

Source

Reported: 28-Jun-24 15:38

RPD

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

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

		Reporting		Spike	Source		%KEC		KPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4060720 - General Prep - Organics										
LCS (4060720-BS1)				Prepared: ()7-Jun-24 A	nalyzed: 1	0-Jun-24			
GRO C6-C10	217	10.0	mg/kg	200		109	66.4-123			
DRO >C10-C28	227	10.0	mg/kg	200		114	66.5-118			
Total TPH C6-C28	444	10.0	mg/kg	400		111	77.6-123			
Surrogate: 1-Chlorooctane	50.3		mg/kg	50.0		101	48.2-134			
Surrogate: 1-Chlorooctadecane	51.5		mg/kg	50.0		103	49.1-148			
LCS Dup (4060720-BSD1)				Prepared: (07-Jun-24 A	nalyzed: 1	0-Jun-24			
GRO C6-C10	214	10.0	mg/kg	200		107	66.4-123	1.49	17.7	
DRO >C10-C28	225	10.0	mg/kg	200		112	66.5-118	1.09	21	
Total TPH C6-C28	439	10.0	mg/kg	400		110	77.6-123	1.29	18.5	
Surrogate: 1-Chlorooctane	49.5		mg/kg	50.0		99.0	48.2-134			
Surrogate: 1-Chlorooctadecane	50.2		mg/kg	50.0		100	49.1-148			
Batch 4060721 - General Prep - Organics										
Blank (4060721-BLK1)				Prepared: (07-Jun-24 A	nalyzed: 1	0-Jun-24			
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	55.0		mg/kg	50.0		110	48.2-134			
Surrogate: 1-Chlorooctadecane	68.6		mg/kg	50.0		137	49.1-148			
LCS (4060721-BS1)				Prepared: ()7-Jun-24 A	nalyzed: 1	0-Jun-24			
GRO C6-C10	190	10.0	mg/kg	200		95.2	66.4-123			
DRO >C10-C28	187	10.0	mg/kg	200		93.5	66.5-118			
Total TPH C6-C28	377	10.0	mg/kg	400		94.4	77.6-123			
Surrogate: 1-Chlorooctane	58.0		mg/kg	50.0		116	48.2-134			
Surrogate: 1-Chlorooctadecane	72.9		mg/kg	50.0		146	49.1-148			

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Project: CEDAR CANYON WTF

Reported:

Project Manager: Cliff Brunson

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

28-Jun-24 15:38

Fax To: (575) 397-0397

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 4060721 - General Prep - Organics										
LCS Dup (4060721-BSD1)				Prepared: (07-Jun-24 A	analyzed: 1	0-Jun-24			
GRO C6-C10	194	10.0	mg/kg	200		97.1	66.4-123	1.90	17.7	
DRO >C10-C28	188	10.0	mg/kg	200		93.9	66.5-118	0.487	21	
Total TPH C6-C28	382	10.0	mg/kg	400		95.5	77.6-123	1.20	18.5	
Surrogate: 1-Chlorooctane	58.2		mg/kg	50.0		116	48.2-134			
Surrogate: 1-Chlorooctadecane	72.2		mg/kg	50.0		144	49.1-148			
Batch 4060722 - General Prep - Organics										
Blank (4060722-BLK1)				Prepared: (07-Jun-24 A	analyzed: 1	0-Jun-24			
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	69.7		mg/kg	50.0		139	48.2-134			S-05
Surrogate: 1-Chlorooctadecane	65.8		mg/kg	50.0		132	49.1-148			
LCS (4060722-BS1)				Prepared: (07-Jun-24 A	analyzed: 1	0-Jun-24			
GRO C6-C10	223	10.0	mg/kg	200		112	66.4-123			
DRO >C10-C28	227	10.0	mg/kg	200		114	66.5-118			
Total TPH C6-C28	451	10.0	mg/kg	400		113	77.6-123			
Surrogate: 1-Chlorooctane	75.1		mg/kg	50.0		150	48.2-134			S-05
Surrogate: 1-Chlorooctadecane	72.2		mg/kg	50.0		144	49.1-148			
LCS Dup (4060722-BSD1)				Prepared: (07-Jun-24 A	analyzed: 1	0-Jun-24			
GRO C6-C10	228	10.0	mg/kg	200		114	66.4-123	1.88	17.7	
DRO >C10-C28	225	10.0	mg/kg	200		112	66.5-118	1.26	21	
Total TPH C6-C28	452	10.0	mg/kg	400		113	77.6-123	0.307	18.5	
Surrogate: 1-Chlorooctane	76.0		mg/kg	50.0		152	48.2-134			S-05

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71.2

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mg/kg

50.0

142

49.1-148

Celey D. Keene

Surrogate: 1-Chlorooctadecane



%REC

Analytical Results For:

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

EXT DRO >C28-C36

Project: CEDAR CANYON WTF Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Reported: 28-Jun-24 15:38

RPD

5.45

18.5

Reporting

10.0

Project Manager: Cliff Brunson

Spike

Source

Fax To: (575) 397-0397

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4060723 - General Prep - Organics										
Blank (4060723-BLK1)				Prepared: (07-Jun-24 A	nalyzed: 10)-Jun-24			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							

mg/kg

LCS (4060723-BS1)			Prepared: 07-3	Jun-24 Analyzed: 1	0-Jun-24
Surrogate: 1-Chlorooctadecane	49.4	mg/kg	50.0	98.8	49.1-148
Surrogate: 1-Chlorooctane	53.8	mg/kg	50.0	108	48.2-134

ND

GRO C6-C10	187	10.0	mg/kg	200	93.7	66.4-123		
DRO >C10-C28	191	10.0	mg/kg	200	95.6	66.5-118		
Total TPH C6-C28	378	10.0	mg/kg	400	94.6	77.6-123		
Surrogate: 1-Chlorooctane	57.9		mg/kg	50.0	116	48.2-134		
Surrogate: I-Chlorooctadecane	54.8		mg/kg	50.0	110	49.1-148		
LCS Dup (4060723-BSD1)				Prepared: 07-Jur	n-24 Analyzed: 10	0-Jun-24		
GRO C6-C10	198	10.0	mg/kg	200	99.0	66.4-123	5.54	17.7
DRO >C10-C28	202	10.0	mg/kg	200	101	66.5-118	5.37	21

Total TPH C6-C28	400	10.0	mg/kg	400	99.9	77.6-123
Surrogate: 1-Chlorooctane	60.2		mg/kg	50.0	120	48.2-134
Surrogate: 1-Chlorooctadecane	55.5		mg/kg	50.0	111	49.1-148

Batch 4061001 - General Prep - Organics

Blank (4061001-BLK1)				Prepared & Analyzed: 10)-Jun-24	
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	58.4		mg/kg	50.0	117	48.2-134
Surrogate: 1-Chlorooctadecane	60.1		mg/kg	50.0	120	49.1-148

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence are any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. 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 su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



%REC

Limits

RPD

Analytical Results For:

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

Analyte

Project: CEDAR CANYON WTF

Spike

Level

Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

Source

Result

%REC

Reported: 28-Jun-24 15:38

RPD

Limit

Notes

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

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

Batch 4061001 - General Prep - Org	anics								
LCS (4061001-BS1)				Prepared &	Analyzed: 10-Jun-24	1			
GRO C6-C10	197	10.0	mg/kg	200	98.7	66.4-123			
DRO >C10-C28	212	10.0	mg/kg	200	106	66.5-118			
Total TPH C6-C28	409	10.0	mg/kg	400	102	77.6-123			
Surrogate: 1-Chlorooctane	63.9		mg/kg	50.0	128	48.2-134			
Surrogate: 1-Chlorooctadecane	66.5		mg/kg	50.0	133	49.1-148			
LCS Dup (4061001-BSD1)				Prepared &	Analyzed: 10-Jun-24	1			
GRO C6-C10	201	10.0	mg/kg	200	100	66.4-123	1.61	17.7	
DRO >C10-C28	218	10.0	mg/kg	200	109	66.5-118	2.92	21	
Total TPH C6-C28	418	10.0	mg/kg	400	105	77.6-123	2.29	18.5	
Surrogate: 1-Chlorooctane	64.1		mg/kg	50.0	128	48.2-134			
Surrogate: 1-Chlorooctadecane	66.0		mg/kg	50.0	132	49.1-148			

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Celey D. Keene



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-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
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.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
GC-NC	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are reported as ND.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

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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 sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Received By

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

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CHECKED BY: (Initials)

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL 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 State: NM Zip: 88241 Atm: Company: Oxy
P.O. #: Company: Oxy Attn: Address: City: State: Zip: PRESERV. SAMPL PRESERV. SAMPL DATE OT LID / BAS OC CITY: SEE OL SAMPL 1. SEE OL SAMPL 1. SAMPL

Page 110 of 119

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

Company Name:	e: BBC International, Inc.	Inc.	BILL TO			ANALYSIS REQUEST
Project Manager:			P.O. #:			The state of the s
Address: P.O. Box 805	. Box 805		Company: Oxy			
city: Hobbs		State: NM zip: 88241				
Phone #: 575-397-6388		Fax #: 575-397-0397	Address:			
Project #:	P	Project Owner: Oxy	City:			
Project Name:	CEDAR CANYON WTF (7/	22,2/25/23,3/6/24)	State: Zip:			
Project Location:	n: New Mexico	idulas I	*	٩		
Sampler Name:	SIMON RENDAN	نو	MARY!	4	-	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	TV.	<u>X</u>	
Lab I.D.	Sample I.D.	G)RAB OR (C)C CONTAINERS GROUNDWATE NASTEWATER SOIL QIL SLUDGE	OTHER: ACID/BASE: CE/COOL OTHER:	Chla	1 bhe RIE	
W	SP 17@SURFACE		51	9:47AM	\	
2	SP 17 @ 1'		5/30/24	10:10AM <	< <	
S	(8)		5/30/24	10:24AM	,	
6	SP 17 @ 3		5/30/24	10:38AM	,	
)	SP 17 @ 4"		5/30/24	10:53AM	,	
00	SP 18@SURFACE		5/30/24	11:12AM	,	
5,5	SP 18 @ 1		5/30/24	11:26AM	,	
=	SP 18 @ 3'		5/30/24	11:56AM		
7	SP 18 @ 4'		5/30/24	12:12PM		
arralyses All claims including a service in no event shall claims affiliates or successors arising	of Damages. Cardinal's liability and clear's ex- ig those for negligence and any other cause is ardinal be liable for incidental or consequental ig out of or related to the performance of serving in out of or related to the performance of serving in out of or related to the performance of serving in out of or related to the performance of serving in out of or related to the performance of serving in out of or related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in out of our related to the performance of serving in our other performance in our out of our related to the performance of serving in our other performance in our out of the performance in our out of	T-EASE WITE. Liability and Damages. Cardinal's liability and clear's exclusive remedy for an claim arising whether based in contract or tont, shall be limited to the amount paid by the clean for the analyses. All claims including those for negligence and any other causes whatisever shall be deemed waived unless hade in writing and received by Cardinal within 30 days after completion of the applicable service in no event shall Cardinal be hable for includental or consequential dramages, encluding without finantiation, business interruptions, loss of use, or loss if yorth, except a consequential and the performance of services heaving without finance of whether placed claims to tested upon any often above stated reasons or otherwise.	tort, shall be limited to the amount proceed by Cardinal within 30 days, at so luce or loss at puttle accurred by the amount and puttle above stated to	amount paid by the clent for the 30 days after completion of the applicable incurred by client, its subsidiaries, we stated reasons or otherwise.		
Lannon by	notice	Time: 2'10 MM	Henr	Phone Result: [Fax Result: [REMARKS:	☐ Yes ☐ No A	Add'l Phone #: Add'l Fax #:
Relinquished Bg: 1	ielkaner	Time US Olaco		* project	Ject pa	Stomer correction,
Delivered By:		,	n CHECKED BY: (Initials)		38	Boundary
Sampler - UPS - Bus - Other	- Bus - Otner:	Wes Lives	3			DC 015 0

Page 111 of 119

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

Company Name:	BBC International, Inc.		BILL TO				ANAI YSIS E	FOLIEST	
Project Manager:		P.C	P.O. #:		-	1	-	NEWOES!	-
Address: P.O.	Box 805	Co	Company: Oxy						
city: Hobbs	State: NM	Zip: 88241							
Phone #: 575-397-6388	Fax#:	575-397-0397 Ad	Address:						_
Project #:	Project Owner: Oxy		y.						
Project Name: C	Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	_	ate: Zip:		Q				_
Project Location:	New Mexico	10(4)33 PM	one #: JC		l	•			_
Sampler Name:	SIMON RENDAN		Fax#de d		ú				_
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	ING	M	ΞX			
Lab I.D. H2U37w	Sample I.D.	G)RAB OR (C)OM CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE DTHER:	ACID/BASE: CE / COOL DTHER :		Chla	TPHE			
	SP 19@SURFACE	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	5	12:51PM	\	\			+
	SP 19@ 1'	-1	5/30/24	1:07PM	<	<			+
え	SP 19@ 2'		5/30/24	1:19PM	•	•			+
	SP 19@ 3'		5/30/24	1:32PM	,	•			_
ت	SP 19@ 4'		5/30/24	1:44PM	,				
	SP 20@SURFACE		5/30/24	1:55PM	,	,			
19	SP 20@ 1"		5/30/24	2:10PM	,	•			
z	SP 20@ 2'		5/30/24	2:19PM	•	•			-
2	SP 20@ 3'		5/30/24	2:31PM	•	•			
PLEASE NOTE: Liability and	SP 20@ 4' d Damages. Cardinal's liability and client's exclusive remedy.	iedy for any claim arising whether based is contract or too.	5/30/24 shall be limited to the amount paid	2:40PM					
analyses. All claims including wervice in no event shall Can affiliates of spogessors arising Deling Wide Deling W	oèver ages, tereur	be deemed waived unless made or writing and recent ding without limitation, business interuptions, loss of v Cardnal regardless of whether such chain is based	enved by Cardinal within 30 days after the course of process of professional by coursed by coursed by coursed by coursed by coursed by coursed upon any of the above stated reasons.	in 30 days after completion of the a sincurred by client, its subodianes sove stated reasons or otherwise	appiscable es				
The second	Mar Williamin Color State Colo	The Street By:	theme	Phone Result: Fax Result: REMARKS:	ult: Yes	No No	# # #		
Relinquished B	00	Time: 6/24 Received By:		* project	aus Ject	tora	Se se	orkector	2
Sampler - UPS - Bus - Other:		Sample Condition Cool Intact Cool Sample Condition	CHECKED BY: (Initials)	40	9		Shortedury 8	greet -	2
	100	NO NO	T					220	1

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

Company Name:	e: BBC International, Inc.	BILL TO	ANALYSIS	
Project Manager:	er: Cliff Brunson	P.O.#:	ANALISIS REGOES	1
Address: P.O. Box 805). Box 805	Company: Oxy		
city: Hobbs	State: NM			
Phone #: 575-397-6388	Fax #:	575-397-0397 Address:		
Project #:	Project Owner: Oxy			
Project Name:	Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	_		
Project Location:	n: New Mexico		0	
Sampler Name:	1	50		
FOR LAB USE ONLY		MATRIX	VVI	
Lab I.D.	Sample I.D.	RAB OR (C)ON ONTAINERS OUNDWATER STEWATER L IDGE HER : D/BASE: / COOL HER :	STEX PHE	
23	SP 21@SURFACE	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2:52PM / /	
m.	SP 21@ 1'	5/30/24		
25	SP 21@ 2'	5/30/24	3:14PM	
24	SP 21@ 3'	5/30/24	3:22PM	
in i	SP 21@ 4'	5/30/24	3:35PM , , ,	
28	SP 22@SURFACE	5/31/24	9:25AM , , ,	
Z	SP 22@ 1"	5/31/24	9:43AM , , ,	
80	SP 22@ 2	5/31/24	10:07AM , , ,	
200	SP 22@ 3'	5/31/24	10:23AM , , ,	
LEASE NOTE: Liability and nailyses. All claims including envices in no event shall continue to the continue to	LEASE WOTE: Labelity and Damages. Carolinary and client's exclusive remedy for any darm aroning whether based in contract or toot, shall be limited training and client and proper cause whatever shall be deemed warren garbeter based in contract or toot, shall be limited training fit does for negligance and any other cause whatever shall be deemed warrend unless made in witting and received by Cardinal warriving in no event shall Cardinal be liable for excisental or consequental damages, including without initiation, business wheringtons, toss of use, or loss of py	5/31/2 to the amb strain 30 da	4 10.39AM virial to the superior of the superior of the superior of the applicable of the applicable of the applicable.	
Valuation by	N W	Time 8: 10 tun Land Land	Phone Result:	
Relinquished By	nachem	Received By:	and	1
Delivered By:	Delivered By: (Circle One) 14.0	Sample Condition CHECKED BY: Cool Intact (Initials)	to asigner specific	9
Sampler - UPS	Sampler - UPS - Bus - Other:	Pes Pes	5/2/24	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

Company Name:	e: BBC International Inc	RIII TO	ANAL VIOL	
Project Manager:	er: Cliff Brunson	P.O. #:	ANALIGIS REGOEST	
Address: P.C	P.O. Box 805	Company: Oxy		
city: Hobbs	State: NM			
Phone #: 575-397-6388	Fax #:	575-397-0397 Address:		
Project #:	Project Owner: Oxy			_
ame:	CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)		<u>a</u>	_
Project Location:	n: New Mexico	Phone #:		
Sampler Name:	SIMON RENDAN	K S Grax to ou	10	
ATNO 3S/1 BVT BOJ		MATRIX PRESERV.	SAMPLING	
Lab I.D.	Sample I.D.	RAB OR (C)OM ONTAINERS DUNDWATER STEWATER L DGE HER: D/BASE: / COOL	THE THE	
25.50	SP 22@5'	# GI W SI OI AC	4 10:52AM / / /	
in The	SP 23@SURFACE	5/31/24		
S	SP 23@1"	5/31/24		
B	SP 23@2'	5/31/24	4 11:51AM	_
2	SP 23@3'	5/31/24	4 12:08PM 0 0 0	
200	SP 24@SURFACE	5/31/24	4 12:45PM , , ,	
2	SP 24@ 1'	5/31/24	4 1:06PM 0 0 0	
40	SP 24@ 2'	5/31/24	1:19PM , ,	
ih.	SP 24@ 3'	5/31/24	4 1:36PM 0 0 0	
PLEASE NOTE: Liability a analyses. All claims includi	SP 24(0) 4° PLEASE NOTE: Libblity and Damages: Cardinal's liability and client's exclusive remardy for a pleases. All claims including Brose for negligence aind any other cause whatsoever small paralyses. All claims including Brose for negligence aind any other cause whatsoever smaller analyses. All claims including Brose for negligence aind any other cause whatsoever smaller analyses.	5/31/24 ve remady for any claim arising whether based in contract or too, shall be limited to the amount observe than the identified within 30 days. discer small be delented variety unities made in writing and decessed by Cardinal writing 30 days.	31/24 1:52PM a national for the applicable	
Relinquished By	g	Received By:	Phone Result: Yes No Add'l Phone #: Fax Result: Yes No Add'l Fax #:	
Relinquished By.	waltan	Received By:	*project name coelection.	
Delivered By	Delivered By: (Circle One) _14.0 :	Sample Condition CHECKED BY: Cool Intact (Initials)	Shadking w	
	140	No. of the second	K-01C-0	

Page 114 of 119

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES 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	Company: Oxy	
City: Hobbs State: NM Zip: 88241	Attn:	
Phone #: 575-397-6388 Fax #: 575-397-0397	Address:	

(505) 393-2326 FAX (505) 393-2476 Company Name: BBC International, Inc. Project Manager: Cliff Brunson		2
City: Hobbs State: NM	Zip: 88241	Attn: Oxy
575-397-6388 Fax #:	0397	Address:
Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23_3/6/24)		State: Zip:
Project Location: New Mexico		
Sampler Name: SIMON RENDAN	各	HE WASH
FOR LAB USE OWLY	S ER	PRESERV. SAMPLING
Lab I.D. Sample I.D.	G)RAB OR (C) CONTAINER GROUNDWATE WASTEWATER SOIL DIL SLUDGE DTHER:	CCID/BASE: CE / COOL OTHER :
SP 25@SURFACE	7	5/31/24 2
SP 25@2"		5/31/24 2:26PM 5/31/24 2:41PM
U0 SP 25@3'		
SP 25@3		5/31/24 3:14PM
Ud SP 25@4'		5/31/24 3:29PM 5/31/24 9:30AM
SP 26@1' SP 26@2'		6/3/24 10:02AM 6/3/24 10:23AM
PLEASE NOTE: Liability and Damages. Cardinal's liability and cliaut's exclusive remedy analyses. All claims including those for negligence and any other cause whatsperver shallow service. In no event shall Cardinal be liable for incidental or consequental damages, inco	for any claim arising whether based in contract to tort I be deemed waived unless made in writing and received uding without limitation, business interruptions, loss of	it. Shall be limited to the amount paid by the client for eved by Cardinal wight 30 days after completion of to of use, or loss of puritis incurred by client, its subsidia
Relinquished By: Relinquished By: Relinquished By: Date: Date	Received By: Received By: Received By:	Phone Result: Fax Result: FAX REMARKS:
Delivered By: (Circle One) 14.0 2	Sample Condition Cool Infact Cool Infact Pres Pres	CHECKED BY:
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	ase fax written changes to 505	-393-2476 ** ** ** ** ** Cu

Page 115 of 119

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:	e: BBC International, Inc.	BILL TO		1
Project Manager:		P.O.#:	DINE GO NEGOTO	_
Address: P.C	P.O. Box 805	Company: Oxy		_
city: Hobbs	State: NM			_
Phone #: 575-397-6388	Fax#:	575-397-0397 Address:		_
Project #:	Project Owner: Oxy			
Project Name:	CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	_	2	_
Project Location:	n: New Mexico	Phone #:		
Sampler Name:	SIMON RENDAN	*SP CFRE OF		_
FOR LAB USE ONLY		MATRIX PRESERV.	SAMPLING	_
Lab I.D.	Sample I.D.	RAB OR (C)OM ONTAINERS OUNDWATER STEWATER IL JDGE HER: D/BASE: / COOL HER:	INION STEX PHE	
U.	SP 26@3'	7 5 5 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6	10:23AM	_
25	SP 26@4'	6/3/24		_
22	SP 26@5'	6/3/24	10:54AM	
200	SP 27@SURFACE -	6/3/24	11:10AM	
62	SP 27@1'	6/3/24	11:25AM , , ,	
100	SP 27@2'	6/3/24	11:43 AM , , ,	_
Z.	SP 27@3'	6/3/24	12:04PM	
60	SP 27@4'	6/3/24	12:47PM 0 0 0	
(e)	SP 27@5'	6/3/24	1:05PM	
LEASE NOTE: Liability a	SP 28@SURFACE	The state of the s	1:19PM J J J	
halyses. All claims, including those for negli- truce. In no event shall Cardinal be liable fitialies or successors arising out of or relat	Igance and any other cause whatsoever for incidental or consequental damages, ed to the performance of services hereur	neo vas any cam arsing wheter based in contract or both stall be limited to the amount shall be deemed waived unless made in writing and received by Cardinal within 30 days, including without limitation, business interruptions, loss of use, or loss of pulful incurred note by Cardinal regardless of limitations from a form a formal contract.	he amount paid by the claim for the in 30 days after completion of the applicable abounds by claim its subsidiaries.	
Manusing	Date: 6-6-34	Received By: Maltona	Phone Result:	
Relinquished By	Su although	Received By:	*project name correction.	
Delivered By Sampler - UPS	Sampler - UPS - Bus - Other:	Sample Condition CHECKED BY: Cool Intact (Initials)	for my Sparking were	
	140			_

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST $\mathcal{S}_{\mathcal{S}}$

Company Name: BBC International, Inc.	(505) 393-2326 FAX (505) 393-247	101 East Marland, Hobbs, NM 8824	ARDINAL LABORATORIES	से
Inc.	505) 393-2476	bbs, NM 88240	ATORIES	

	(505) 393-2326 FAX (505) 393-2476	2476					
Company Name:	e: BBC International, Inc.		BILL TO		ANAL	ANALYSIS REQUEST	
Project Manage	Project Manager: Cliff Brunson		P.O. #:				
Address: P.O. Box 805). Box 805		Company: Oxy				_
city: Hobbs	State: NM	M Zip: 88241					
Phone #: 575-397-6388	Fax#:	575-397-0397	Address:				
Project #:	Project Owner: Oxy	mer: Oxy	City:				
Project Name:	CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)		State: Zip:	e			
Project Location	Project Location: New Mexico	24.63	Phone #:	l			
Sampler Name:	SIMON RENDAN	10-08×	he#34	io			
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING		V		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE		TPHE		
C S	SP 28@1'	<u>و</u>	6/3/24	1:34PM 🗸	/ 1/		
IN THE	SP 28@2'	=	6/3/24	1:52PM 🗸	` `		
S.	SP 28@3'		6/3/24	2:05PM	,		
6	SP 28@4'		6/3/24	2:16PM	,		
5.	SP 28@5'		6/3/24	2:29PM	,		
89	SP 29@SURFACE		6/3/24	2:46PM	,		
69	SP 29@1'		6/3/24	3:07PM	,		
9	SP 29@2'		6/4/24	9:20AM	,		
7	SP 29@3'		6/4/24	9:37AM	•		
PLEASE NOTE: Liability a	SP 29@4' and Damages Cardinal's liability and cliuse's exclusive remedy	for any claim arising whether based in contract or	or fort, shall be limited to the amount pair	9:52AM /	,		
arrayses All claims includ service. In no event shall it affiliates or successors aris	inaryses, of claims including more for negligence and any other cause whatsoever shall be of deternid viewed unless roade in withing and received by Cardonia within 30 days after completion of the applicable service in no event shall Cardonia be label for modernial or consequential damages, including without limitation, business interruptions, loss of use, or loss my lost wounted by client, its subsidiances, including without limitation, business interruptions, loss of use, or loss my lost wounted by client, its subsidiances, including without limitation, business interruptions, loss of use, or loss my lost wounted by client, its subsidiances of the label of the property of the label of the performance of services have included by Cardonial, regardless of whether good claims is based upon any of this above stated reasons or otherwise.	al be deemed waiwed unless made in writing and luding without limitation, business interruptions, in by Cardinal, regardless of whether such claim is	received by Cardinal within 30 days after oss of use, or loss of politis incurred by come is based upon any of the above stated rea	within 30 days after completion of the applicable yofits incurred by client, its subsidianes, the above stated reasons or otherwise.			
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Relinquished By:	alkon	Received By:	8	S SECTION OF SECTION O	(stomer as a second)
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Sampler - UPS	Sampler - UPS - Bus - Other:	DAY N	K			しからかの	

Delivered By: (Circle One)
Sampler - UPS - Bus - Other:

CHECKED BY:

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

RDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Cliff Br Address: P.O. Box 805	Cliff Brunson		P.O. #:			-	21010	Tracto.
Address: P.O. Box					_	_		
	x 805		Company: Oxy					
city: Hobbs	State: NM	VM Zip: 88241						
Phone #: 575-397-6388		5	Address:					
Project #:		Project Owner: Oxy	City:					
Project Name: CEDA	AR CANYON WTF (7/15/22,7	Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)			ع			
Project Location: New Mexico	Vew Mexico	24.5	Phone #:		d			
Sampler Name: SI	SIMON RENDAN	18-01 08 X	UF-RAT		N.			_
FOR LAB USE ONLY	111	RS TER :	PRESERV. SAN	SAMPLING	lon	1 EX		
Lab I.D.	Sample I.D.	(G)RAB OR (C # CONTAINER GROUNDWAT WASTEWATE SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER:	TIME	Ch	171		
73 SP	SP 30@SURFACE	7		10:12AM	1 /	1		
JU SP	SP 30@1'	- 5	6/4/24	10:26AM	< <	<		
75 SP	SP 30@2'		6/4/24	10:41AM	•	•		
SP	SP 30@3'		6/4/24	10:56AM	,	•		
SP	SP 30@4'		6/4/24	11:12AM	,	•		
78 SP	SP 30@5'		6/4/24	11:24AM	,	•		
	SP 31@SURFACE		6/4/24	11:38AM	,	•		
SP SP	SP 31@1"		6/4/24	11:55AM	,	`		
SP SP	SP 31@2'		6/4/24	12:45PM	,	•		
ST SP	SP 31@3'		6/4/24	1:10PM	4	`		
service. In no event shall Cardinal but this expension out of the service states arising out of the service.	ervice in no event shall Cardanal be liable for modernal or consequential damages. Histates or successors arising out of or reliated to the performance of services these Relinguished By:	ervice in no event shall Cardmal be ladde for scidental or consequental damages, including without limitation, business interruptions, based upon any official successors arising out of or reliated to the performance of services hereunder by Cardinal regardless of whether such claim is based upon any Relinous shed By: Relinous shed By:	00	wolfs incurred by client its subsidiaries, it above stated reasons of otherwise. Phone Result:	sult: 🗆 Yes	□ No	Add'l Phone #:	
No pausinhillian	Time:	6-24 Courses of	offens	Fax Result:	:	No A	Add'l Fax #:	
Relinquished By:	Date: O	Date: 6 - DiReceived By:	1111	Langer		505	00 00	accord name competion
M	MAN Time: 1	1		V V V	K.J.C.	2	5	· min

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



Company Name:	ne: BBC International, Inc.		BILL TO		AN	ANALYSIS REQUEST	
Project Manager:		P.O. #:					\perp
Address: P.O. Box 805	D. Box 805	Com	Company: Oxy		_		
city: Hobbs	State: NM	Zip: 88241 Attn:			_		
Phone #: 575-397-6388	Fax#:	575-397-0397 Address:	ess:		_		
Project #:	Project Owner: Oxy						
Project Name:	Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	_	: Zip:	٥	_		
Project Location:	on: New Mexico	10-4-93 Phon		d	_		
Sampler Name:	SIMON RENDAN	P	HE # SA	i	1		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	V	XI		
Lab I.D. H 24 340	Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	CE / COOL OTHER :	Enlar Chlar	TPHE		
5.8	SP 31@4'	٢.	7	1:27PM / /	<u>,</u>		
R	SP 31@5'		6/4/24	1:46PM 🗸 🗸	<		
200	SP 32@SURFACE		6/4/24	2:08PM	,		
30	SP 32@1'		6/4/24	2:21PM	`		
18	SP 32@2'		6/4/24	2:40PM ,			
88	SP 32@3'		6/4/24	3:02PM	,		Ш
68	SP 32@4'		6/4/24	3:17PM ,	,		
90	SP 32@5'		6/4/24	3:29PM			
analyses All claims inclusering in no event shall affiliates or successors an	I Damages. Cardina's hability and cli glificate for negligence and any other rdinal be liable for incidental or consecu- gout of or related to the performance	acts exclusive ternety for any claim arising whether based in contract or fort, shall be lied cause whatsceuer shall be deemed waived unless made in writing and viccived by Card quental damages, including without limbation, business interruptions, loss of use, or loss of services hereunder by Cardinal, legandess of whether such claim is based upon any for the services hereunder by Cardinal.	Ded	o the amount paid by the cleent for the thin 30 days after completion of the applicable ofts incurred by cleent. Its subsidiaries. above stated reasons or otherwise.			
A Relinquished By	Time of A	Received By:	Send	Phone Result: Yes Fax Result: Yes REMARKS:	00	Add'l Phone #: Add'l Fax #:	
Relinquisher By:	Home	Date: 62 Received By:		sproject		name corpection	
Delivered By	Delivered By: (Circle One) -/4.0	Sample Condition	CHECKED BY:	per cus	B	er.	
Sampler - UPS	Sampler - UPS - Bus - Other: 140	DYes Dyes	(Initials)	,	∞)	grapage 8	



July 05, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON WTF

Enclosed are the results of analyses for samples received by the laboratory on 07/02/24 13:39.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 07/02/2024 Sampling Date: 07/01/2024

Reported: 07/05/2024 Sampling Type: Soil

Project Name: CEDAR CANYON WTF Sampling Condition: Cool & Intact
Project Number: 7/15/22,7/22/22,8/25/23,10/04/ Sample Received By: Shalyn Rodriguez

Project Location: OXY - EDDY COUNTY, NM

Sample ID: SP 5 @ 4' (H243970-01)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2024	ND	1.80	90.2	2.00	12.4	
Toluene*	<0.050	0.050	07/03/2024	ND	1.79	89.4	2.00	12.7	
Ethylbenzene*	<0.050	0.050	07/03/2024	ND	1.83	91.5	2.00	12.2	
Total Xylenes*	<0.150	0.150	07/03/2024	ND	5.40	90.0	6.00	12.2	
Total BTEX	<0.300	0.300	07/03/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.0	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/03/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2024	ND	175	87.5	200	3.84	
DRO >C10-C28*	<10.0	10.0	07/03/2024	ND	187	93.4	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	07/03/2024	ND					
Surrogate: 1-Chlorooctane	120 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 07/02/2024 Sampling Date: 07/01/2024

Reported: 07/05/2024 Sampling Type: Soil

Project Name: CEDAR CANYON WTF Sampling Condition: Cool & Intact Sample Received By: Shalyn Rodriguez Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,10/04/

Project Location: OXY - EDDY COUNTY, NM

Sample ID: SP 15 @ 3' (H243970-02)

BTEX 8021B	mg/	kg	Analyze	d By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2024	ND	1.80	90.2	2.00	12.4	
Toluene*	<0.050	0.050	07/03/2024	ND	1.79	89.4	2.00	12.7	
Ethylbenzene*	<0.050	0.050	07/03/2024	ND	1.83	91.5	2.00	12.2	
Total Xylenes*	<0.150	0.150	07/03/2024	ND	5.40	90.0	6.00	12.2	
Total BTEX	<0.300	0.300	07/03/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 71.5-13	4						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/03/2024	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2024	ND	175	87.5	200	3.84	
DRO >C10-C28*	<10.0	10.0	07/03/2024	ND	187	93.4	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	07/03/2024	ND					
Surrogate: 1-Chlorooctane	127 9	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128 9	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 07/02/2024 Sampling Date: 07/01/2024

Reported: 07/05/2024 Sampling Type: Soil

Project Name: CEDAR CANYON WTF Sampling Condition: Cool & Intact
Project Number: 7/15/22,7/22/22,8/25/23,10/04/ Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: OXY - EDDY COUNTY, NM

mg/kg

Sample ID: SP 15 @ 4' (H243970-03)

BTEX 8021B

	9,	9	7	7: :					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2024	ND	1.80	90.2	2.00	12.4	
Toluene*	<0.050	0.050	07/03/2024	ND	1.79	89.4	2.00	12.7	
Ethylbenzene*	<0.050	0.050	07/03/2024	ND	1.83	91.5	2.00	12.2	
Total Xylenes*	<0.150	0.150	07/03/2024	ND	5.40	90.0	6.00	12.2	
Total BTEX	<0.300	0.300	07/03/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1% 71.5-13		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	07/03/2024	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/03/2024	ND	175	87.5	200	3.84	
DRO >C10-C28*	<10.0	10.0	07/03/2024	ND	187	93.4	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	07/03/2024	ND					
Surrogate: 1-Chlorooctane	129	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 07/02/2024 Sampling Date: 07/01/2024

Reported: 07/05/2024 Sampling Type: Soil

Project Name: CEDAR CANYON WTF Sampling Condition: Cool & Intact
Project Number: 7/15/22,7/22/22,8/25/23,10/04/ Sample Received By: Shalyn Rodriguez

Analyzed By: JH

Project Location: OXY - EDDY COUNTY, NM

mg/kg

Sample ID: SP 21 @ 5' (H243970-04)

BTEX 8021B

	9,	9	7	7: 5::					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	07/03/2024	ND	1.80	90.2	2.00	12.4	
Toluene*	<0.050	0.050	07/03/2024	ND	1.79	89.4	2.00	12.7	
Ethylbenzene*	<0.050	0.050	07/03/2024	ND	1.83	91.5	2.00	12.2	
Total Xylenes*	<0.150	0.150	07/03/2024	ND	5.40	90.0	6.00	12.2	
Total BTEX	<0.300	0.300	07/03/2024	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.5 % 71.5-13		4						
Chloride, SM4500CI-B	mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/03/2024	ND	432	108	400	0.00	
TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	07/05/2024	ND	175	87.5	200	3.84	
DRO >C10-C28*	<10.0	10.0	07/05/2024	ND	187	93.4	200	1.36	
EXT DRO >C28-C36	<10.0	10.0	07/05/2024	ND					
Surrogate: 1-Chlorooctane	89.5	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	87.5	% 49.1-14	8						

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene



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

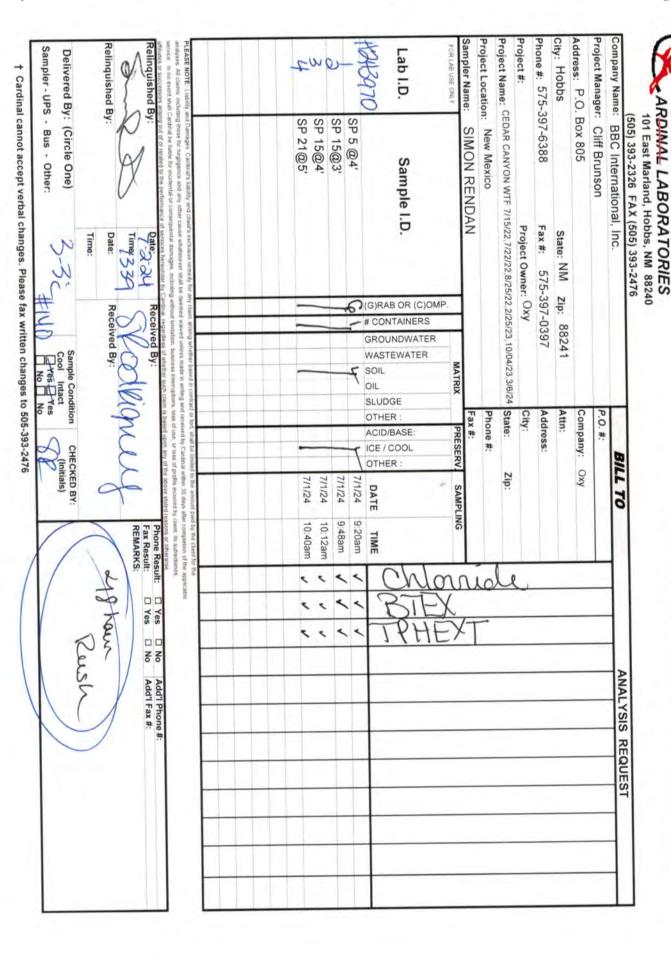
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST





July 23, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CEDAR CANYON WTF

Enclosed are the results of analyses for samples received by the laboratory on 07/18/24 8:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/ga/lab accredited 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)

Celey D. Keene

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



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BOUNDARY 1 @ 1'	H244290-01	Solid	16-Jul-24 09:30	18-Jul-24 08:00
BOUNDARY 2 @ 1'	H244290-02	Solid	16-Jul-24 09:40	18-Jul-24 08:00
BOUNDARY 3 @ 1'	H244290-03	Solid	16-Jul-24 09:45	18-Jul-24 08:00
BOUNDARY 4 @ 1'	H244290-04	Solid	16-Jul-24 09:51	18-Jul-24 08:00
BOUNDARY 5 @ 1'	H244290-05	Solid	16-Jul-24 09:58	18-Jul-24 08:00
BOUNDARY 6 @ 1'	H244290-06	Solid	16-Jul-24 10:05	18-Jul-24 08:00
BOUNDARY 7 @ 1'	H244290-07	Solid	16-Jul-24 10:10	18-Jul-24 08:00
BOUNDARY 8 @ 1'	H244290-08	Solid	16-Jul-24 10:16	18-Jul-24 08:00
BOUNDARY 9 @ 1'	H244290-09	Solid	16-Jul-24 10:20	18-Jul-24 08:00
BOUNDARY 10 @ 1'	H244290-10	Solid	16-Jul-24 10:26	18-Jul-24 08:00
BOUNDARY 11 @ 1'	H244290-11	Solid	16-Jul-24 10:32	18-Jul-24 08:00
BOUNDARY 12 @ 1'	H244290-12	Solid	16-Jul-24 10:40	18-Jul-24 08:00
BOUNDARY 13 @ 1'	H244290-13	Solid	16-Jul-24 10:45	18-Jul-24 08:00
BOUNDARY 14 @ 1'	H244290-14	Solid	16-Jul-24 10:52	18-Jul-24 08:00
BOUNDARY 15 @ 1'	H244290-15	Solid	16-Jul-24 10:57	18-Jul-24 08:00
BOUNDARY 16 @ 1'	H244290-16	Solid	16-Jul-24 11:10	18-Jul-24 08:00
BOUNDARY 17 @ 1'	H244290-17	Solid	16-Jul-24 11:20	18-Jul-24 08:00
BOUNDARY 18 @ 1'	H244290-18	Solid	16-Jul-24 11:30	18-Jul-24 08:00
BOUNDARY 19 @ 1'	H244290-19	Solid	16-Jul-24 11:40	18-Jul-24 08:00
BOUNDARY 20 @ 1'	H244290-20	Solid	16-Jul-24 11:51	18-Jul-24 08:00
BOUNDARY 21 @ 1'	H244290-21	Solid	16-Jul-24 12:05	18-Jul-24 08:00
BOUNDARY 22 @ 1'	H244290-22	Solid	16-Jul-24 12:11	18-Jul-24 08:00

07/23/24 - Client changed the project name and spill dates (see COC). This is the revised report and will replace the one sent earlier today, 07/23/24.

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

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

> BOUNDARY 1 @ 1' H244290-01 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4071903	AC	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			124 %	71.5	-134	4071808	ЈН	18-Jul-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			88.0 %	48.2	-134	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			83.6 %	49.1	-148	4071809	MS	18-Jul-24	8015B	

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 2 @ 1' H244290-02 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JН	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		117 %	71.5	i-134	4071808	ЈН	18-Jul-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			119 %	48.2	2-134	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			118 %	49.1	-148	4071809	MS	18-Jul-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 3 @ 1' H244290-03 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		103 %	71.5	-134	4071808	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			123 %	48.2-	-134	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	4071809	MS	18-Jul-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

Reported: 23-Jul-24 15:25

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

BOUNDARY 4 @ 1'

H244290-04 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			116 %	71.5	-134	4071808	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			99.8 %	48.2	-134	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			98.0 %	49.1	-148	4071809	MS	18-Jul-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 5 @ 1' H244290-05 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		122 %	71.5	-134	4071808	ЈН	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			115 %	48.2	-134	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	4071809	MS	18-Jul-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 6 @ 1' H244290-06 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		120 %	71.5	i-134	4071808	ЈН	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			130 %	48.2	2-134	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			127 %	49.1	-148	4071809	MS	18-Jul-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported: 23-Jul-24 15:25

Hobbs NM, 88241

Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 7 @ 1' H244290-07 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JН	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			128 %	71.5	-134	4071808	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			79.7 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			79.9 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 8 @ 1' H244290-08 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI.	D)		117 %	71.5	-134	4071808	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			89.8 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			90.4 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 9 @ 1' H244290-09 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	TD)		127 %	71.5	-134	4071808	ЈН	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			100 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			100 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

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

BOUNDARY 10 @ 1' H244290-10 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JН	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			120 %	71.5	-134	4071808	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by Go	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			74.3 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			74.3 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 11 @ 1' H244290-11 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		127 %	71.5	-134	4071808	ЈН	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			89.1 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			90.5 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 12 @ 1' H244290-12 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		111 %	71.5	-134	4071808	ЈН	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			89.3 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			89.4 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241

Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,: Project Manager: Cliff Brunson

23-Jul-24 15:25

Fax To: (575) 397-0397

BOUNDARY 13 @ 1' H244290-13 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		122 %	71.5	-134	4071808	ЈН	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			91.2 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			92.0 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Celey D. Keene

Reported:

23-Jul-24 15:25



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

Analytical Results For:

BBC International, Inc.

P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

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

BOUNDARY 14 @ 1' H244290-14 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Labora	tories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050	·	0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		125 %	71.5	-134	4071808	ЈН	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			96.4 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			96.7 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

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

BOUNDARY 15 @ 1' H244290-15 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	TD)		125 %	71.5	-134	4071808	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			99.0 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			99.9 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

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

BOUNDARY 16 @ 1' H244290-16 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071816	JН	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.0 %	71.5	-134	4071816	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			100 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

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

BOUNDARY 17 @ 1' H244290-17 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	48.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			96.1 %	71.5	-134	4071816	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			101 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

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

BOUNDARY 18 @ 1' H244290-18 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			96.5 %	71.5	-134	4071816	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			87.9 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			87.6 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 19 @ 1' H244290-19 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		96.2 %	71.5	-134	4071816	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			109 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

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

BOUNDARY 20 @ 1' H244290-20 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		97.0 %	71.5	-134	4071816	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071734	MS	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071734	MS	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071734	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			75.3 %	48.2	-134	4071734	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			80.1 %	49.1	-148	4071734	MS	18-Jul-24	8015B	

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 21 @ 1' H244290-21 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		96.8 %	71.5	-134	4071816	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by C	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071734	MS	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071734	MS	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071734	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			120 %	48.2	-134	4071734	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			129 %	49.1	-148	4071734	MS	18-Jul-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc.

Project: CEDAR CANYON WTF

Reported:

P.O. Box 805 Hobbs NM, 88241 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

BOUNDARY 22 @ 1' H244290-22 (Solid)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	4071905	AC	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL	D)		96.7 %	71.5	-134	4071816	JH	18-Jul-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	4071734	MS	18-Jul-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4071734	MS	18-Jul-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4071734	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctane			116 %	48.2	-134	4071734	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			128 %	49.1	-148	4071734	MS	18-Jul-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

BBC International, Inc. P.O. Box 805

Project: CEDAR CANYON WTF

Reported:

Hobbs NM, 88241

Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

23-Jul-24 15:25

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Inorganic Compounds - Quality Control

Cardinal Laboratories

Amalysta	Dogult	Reporting Limit	Units	Spike Level	Source	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Result	Limit	Units	Level	Result	%KEC	Limits	KPD	Limit	Notes
Batch 4071903 - 1:4 DI Water										
Blank (4071903-BLK1)				Prepared &	z Analyzed:	19-Jul-24				
Chloride	ND	16.0	mg/kg							
LCS (4071903-BS1)				Prepared &	z Analyzed:	19-Jul-24				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4071903-BSD1)				Prepared &	z Analyzed:	19-Jul-24				
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
Batch 4071905 - 1:4 DI Water										
Blank (4071905-BLK1)				Prepared &	z Analyzed:	19-Jul-24				
Chloride	ND	16.0	mg/kg							
LCS (4071905-BS1)				Prepared &	z Analyzed:	19-Jul-24				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4071905-BSD1)				Prepared &	Analyzed:	19-Jul-24				
Chloride	432	16.0	mg/kg	400	-	108	80-120	0.00	20	
Batch 4071910 - 1:4 DI Water										
Blank (4071910-BLK1)				Prepared &	Analyzed:	19-Jul-24				
Chloride	ND	16.0	mg/kg							
LCS (4071910-BS1)				Prepared &	z Analyzed:	19-Jul-24				
Chloride	432	16.0	mg/kg	400	<u> </u>	108	80-120	·	<u> </u>	·

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Celey D. Keene



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

Reported: 23-Jul-24 15:25

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

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 4071910 - 1:4 DI Water

LCS Dup (4071910-BSD1)				Prepared & Analyzed: 1	19-Jul-24			
Chloride	448	16.0	mg/kg	400	112	80-120	3.64	20

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Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

/2F/22 ·

Reported: 23-Jul-24 15:25

D. Box 805 Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4071808 - Volatiles										

Blank (4071808-BLK1)				Prepared & Analy	yzed: 18-Jul-24				
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)	0.0571		mg/kg	0.0500	114	71.5-134			
LCS (4071808-BS1)				Prepared & Anal	yzed: 18-Jul-24				
Benzene	2.16	0.050	mg/kg	2.00	108	82.8-130			
Toluene	2.44	0.050	mg/kg	2.00	122	86-128			
Ethylbenzene	2.43	0.050	mg/kg	2.00	121	85.9-128			
m,p-Xylene	5.07	0.100	mg/kg	4.00	127	89-129			
o-Xylene	2.51	0.050	mg/kg	2.00	125	86.1-125			
Total Xylenes	7.57	0.150	mg/kg	6.00	126	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0598		mg/kg	0.0500	120	71.5-134			
LCS Dup (4071808-BSD1)				Prepared & Anal	yzed: 18-Jul-24				
Benzene	2.11	0.050	mg/kg	2.00	105	82.8-130	2.37	15.8	
Toluene	2.38	0.050	mg/kg	2.00	119	86-128	2.21	15.9	
Ethylbenzene	2.37	0.050	mg/kg	2.00	118	85.9-128	2.58	16	
m,p-Xylene	4.93	0.100	mg/kg	4.00	123	89-129	2.69	16.2	
o-Xylene	2.44	0.050	mg/kg	2.00	122	86.1-125	2.52	16.7	
Total Xylenes	7.38	0.150	mg/kg	6.00	123	88.2-128	2.64	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0591		mg/kg	0.0500	118	71.5-134			

Batch 4071816 - Volatiles

Blank (4071816-BLK1)		Prepared & Analyzed: 18-Jul-24	
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	

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Celey D. Keene, Lab Director/Quality Manager



%REC

Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF
Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

Spike

Source

Reported: 23-Jul-24 15:25

RPD

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

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Reporting

		Reporting		Spike	Source		/OKEC		KrD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4071816 - Volatiles										
Blank (4071816-BLK1)				Prepared &	Analyzed:	18-Jul-24				
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		97.0	71.5-134			
LCS (4071816-BS1)				Prepared &	Analyzed:	18-Jul-24				
Benzene	1.94	0.050	mg/kg	2.00		96.9	82.8-130			
Toluene	1.91	0.050	mg/kg	2.00		95.3	86-128			
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	85.9-128			
m,p-Xylene	3.96	0.100	mg/kg	4.00		99.0	89-129			
o-Xylene	1.94	0.050	mg/kg	2.00		96.8	86.1-125			
Total Xylenes	5.90	0.150	mg/kg	6.00		98.3	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0482		mg/kg	0.0500		96.4	71.5-134			
LCS Dup (4071816-BSD1)				Prepared &	Analyzed:	18-Jul-24				
Benzene	1.85	0.050	mg/kg	2.00		92.4	82.8-130	4.78	15.8	
Toluene	1.84	0.050	mg/kg	2.00		91.8	86-128	3.83	15.9	
Ethylbenzene	1.92	0.050	mg/kg	2.00		96.2	85.9-128	3.81	16	
m,p-Xylene	3.82	0.100	mg/kg	4.00		95.5	89-129	3.64	16.2	
o-Xylene	1.87	0.050	mg/kg	2.00		93.5	86.1-125	3.56	16.7	
Total Xylenes	5.69	0.150	mg/kg	6.00		94.8	88.2-128	3.61	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0480		mg/kg	0.0500		96.0	71.5-134			

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Celey D. Keene



%REC

Limits

RPD

Analytical Results For:

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

Analyte

Project: CEDAR CANYON WTF

Spike

Level

50.0

50.0

Reported:

Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

Source

Result

%REC

132

151

48.2-134

49.1-148

23-Jul-24 15:25

RPD

Limit

Notes

S-05

Project Manager: Cliff Brunson

Fax To: (575) 397-0397

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Reporting

Limit

Result

66.2

75.3

Batch 4071734 - General Prep - Org	anics								
Blank (4071734-BLK1)				Prepared: 17-Jul	-24 Analyzed: 1	8-Jul-24			
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	66.1		mg/kg	50.0	132	48.2-134			
Surrogate: 1-Chlorooctadecane	70.5		mg/kg	50.0	141	49.1-148			
LCS (4071734-BS1)				Prepared: 17-Jul	-24 Analyzed: 1	8-Jul-24			
GRO C6-C10	215	10.0	mg/kg	200	108	66.4-123			
DRO >C10-C28	207	10.0	mg/kg	200	103	66.5-118			
Total TPH C6-C28	422	10.0	mg/kg	400	106	77.6-123			
Surrogate: 1-Chlorooctane	68.2		mg/kg	50.0	136	48.2-134			S-0.
Surrogate: 1-Chlorooctadecane	74.1		mg/kg	50.0	148	49.1-148			
LCS Dup (4071734-BSD1)				Prepared: 17-Jul	-24 Analyzed: 1	8-Jul-24			
GRO C6-C10	218	10.0	mg/kg	200	109	66.4-123	1.16	17.7	
DRO >C10-C28	209	10.0	mg/kg	200	105	66.5-118	1.26	21	
Total TPH C6-C28	427	10.0	mg/kg	400	107	77.6-123	1.21	18.5	

Batch 4071809 - General Prep - Organics

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Blank (4071809-BLK1)				Prepared & Analy	yzed: 18-Jul-24		
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	59.2		mg/kg	50.0	118	48.2-134	
Surrogate: 1-Chlorooctadecane	59.0		mg/kg	50.0	118	49.1-148	

mg/kg

mg/kg

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Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241 Project: CEDAR CANYON WTF

Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

Reported: 23-Jul-24 15:25

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

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
Batch 4071809 - General Prep - Organics										
LCS (4071809-BS1)				Prepared &	z Analyzed:	18-Jul-24				
GRO C6-C10	183	10.0	mg/kg	200		91.6	66.4-123			
DRO >C10-C28	191	10.0	mg/kg	200		95.7	66.5-118			
Total TPH C6-C28	375	10.0	mg/kg	400		93.7	77.6-123			
Surrogate: 1-Chlorooctane	60.7		mg/kg	50.0		121	48.2-134			
Surrogate: 1-Chlorooctadecane	58.9		mg/kg	50.0		118	49.1-148			
LCS Dup (4071809-BSD1)				Prepared &	Analyzed:	18-Jul-24				
GRO C6-C10	186	10.0	mg/kg	200	-	93.0	66.4-123	1.48	17.7	
DRO >C10-C28	196	10.0	mg/kg	200		97.8	66.5-118	2.18	21	
Total TPH C6-C28	382	10.0	mg/kg	400		95.4	77.6-123	1.84	18.5	
Surrogate: 1-Chlorooctane	60.4		mg/kg	50.0		121	48.2-134			
Surrogate: 1-Chlorooctadecane	59.4		mg/kg	50.0		119	49.1-148			
Batch 4071810 - General Prep - Organics										
Blank (4071810-BLK1)				Prepared &	Analyzed:	18-Jul-24				
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						100	40.2.124			
Surroguie. 1-Chioroociune	53.9		mg/kg	50.0		108	48.2-134			
Surrogate: 1-Chlorooctadecane	53.9 55.5		mg/kg mg/kg	50.0 50.0		108 111	48.2-134 49.1-148			
<u> </u>				50.0	z Analyzed:	111				
Surrogate: 1-Chlorooctadecane		10.0		50.0	z Analyzed:	111				
Surrogate: 1-Chlorooctadecane LCS (4071810-BS1)	55.5	10.0 10.0	mg/kg	50.0 Prepared &	z Analyzed:	111 18-Jul-24	49.1-148			
Surrogate: 1-Chlorooctadecane LCS (4071810-BS1) GRO C6-C10	195		mg/kg	50.0 Prepared & 200	z Analyzed:	111 18-Jul-24 97.7	49.1-148 66.4-123			
Surrogate: 1-Chlorooctadecane LCS (4071810-BS1) GRO C6-C10 DRO >C10-C28	55.5 195 176	10.0	mg/kg mg/kg mg/kg	50.0 Prepared & 200 200	z Analyzed:	111 18-Jul-24 97.7 87.8	49.1-148 66.4-123 66.5-118			

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%REC

Limits

49.1-148

RPD

Analytical Results For:

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

Surrogate: 1-Chlorooctadecane

Analyte

Project: CEDAR CANYON WTF

Spike

Level

50.0

Reported:

Project Number: 7/18/22,7/22/22,8/25/22,2/25/23,:

Source

Result

%REC

115

23-Jul-24 15:25

RPD

Limit

Notes

Project Manager: Cliff Brunson

Reporting

Limit

Result

57.3

Fax To: (575) 397-0397

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Batch 4071810 - General Prep - Orga	anics								
LCS Dup (4071810-BSD1)				Prepared & Ana	alyzed: 18-Jul-24				
GRO C6-C10	191	10.0	mg/kg	200	95.5	66.4-123	2.27	17.7	
DRO >C10-C28	175	10.0	mg/kg	200	87.6	66.5-118	0.178	21	
Total TPH C6-C28	366	10.0	mg/kg	400	91.5	77.6-123	1.27	18.5	
Surrogate: 1-Chlorooctane	53.7		mg/kg	50.0	107	48.2-134			

mg/kg

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Notes and Definitions

S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 32 of 35

Defivered By:

Sampler - UPS -

(Circle One)
Bus - Other:

0.0

Sample Condition
Cool Intact
Tyes Tyes
No No

B

CHECKED BY:

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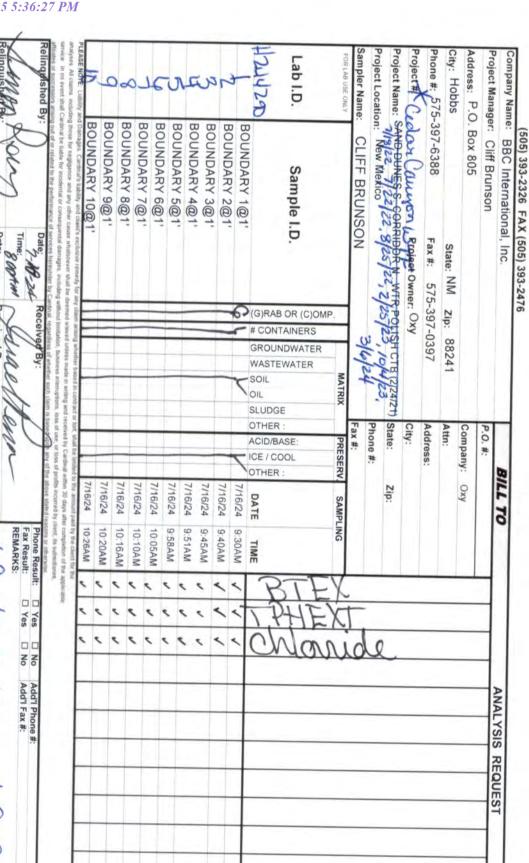
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Received By:

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

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101 East Marland, Hobbs, NM 88240



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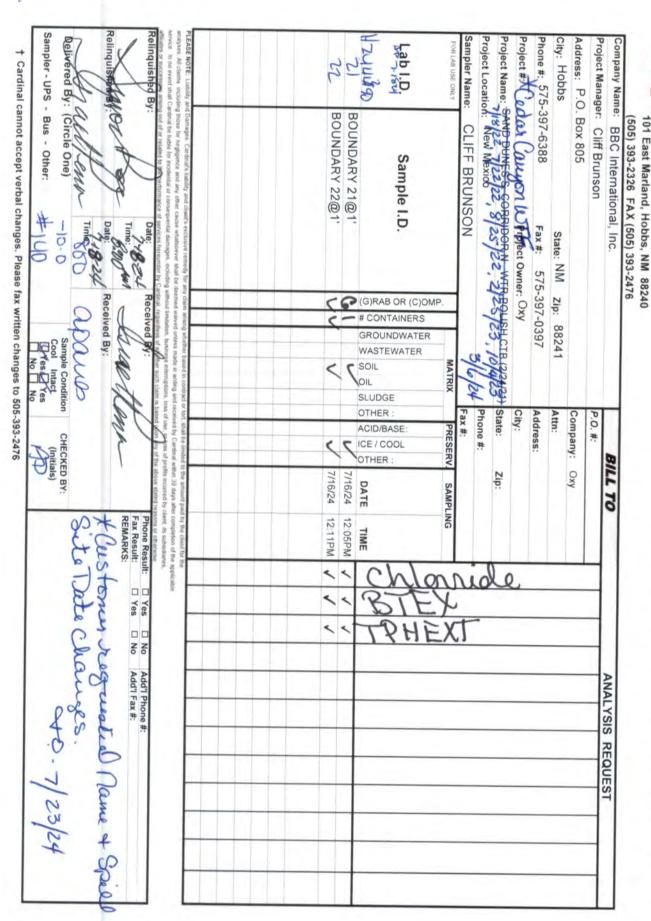
ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

company Name:	e: BBC International, Inc.		BILL TO	,		ANALYSIS REQUEST
Project Manager:		P.O.	*			
Address: P.O. Box 805). Box 805	Cc	Company: Oxy			
city: Hobbs	State: NM	Zip: 88241 At			_	
Phone #: 575-397-6388	Fax #:	-0397	Address:		_	
Project #: +C	las Causa Will Goject O		City:	54		
Project Name: &	SAND DUNESS CORRIDOR N. WI	R POLISH CTB (2/24/21) St	State: Zip:		0.	
Project Location:	New Mex	124	Phone #:	-	2	
Sampler Name:	CLIFF BRUNSON	Fa	Fax#:		1	
FOR LAB USE ONLY		MATRIX	PRESERV. SAME	SAMPLING	XX	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:	ACID/BASE: ICE / COOL OTHER :	M	BIE	
_	BOUNDARY 11@1'	7	5	10	// //	
77	BOUNDARY 12@1'		7/16/24		\	
Zi	BOUNDARY 13@1'		7/16/24		,	
4	BOUNDARY 14@1'		7/16/24	10:52AM		
5	BOUNDARY 15@1'		7/16/24	10:57AM	,	
6	BOUNDARY 16@1'		7/16/24	11:10AM		
J	BOUNDARY 17@1'		7/16/24	11:20AM	,	
~	BOUNDARY 18@1'		7/16/24	11:30AM	,	
19	BOUNDARY 19@1'		7/16/24	11:40AM	,	
W W	BOUNDARY 20@1'		7/16/24	11:51AM	4 4	
analyses All claims including mose service in no event shall Cardinal barilliates or successors arising out of Relijiqquished By:	those for negligence and any other cause whatsamal begliable for incidental or consequental damen out of otypisated to the performance of services I Date:	overe shall be deemed waved unless made in writing and receiving ages, including without initiation, business in itempolenic, loss of necender by Cardonal regarders of cythrefine such daim is taged unless, otherwise, and Received/By:	ived by Cardinal within 30 days after con On loss of profits incurred by client ed upon any of the above stated reasons Pf	is after completion of the applicable of by client, its subsidiaries, led reasons or otherwise. Phone Result:	plicable	Add' Phone #:
FART THE	WAS COUNTY COM	Journal 1. sh	na	REMARKS:		
Relinquished By	1	Received By:		* Cust	tomers	equated Yame of
elivered By	Delivered By: (Circle One)	apario		Date	Chai	ses.
moler - UPS	Sampler IIPS - Bus - Other	Cool Intact	(Initials)			100/2/14

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST





January 30, 2025

HADLIE GREEN

ENSOLUM, LLC

705 W WADLEY AVE.

MIDLAND, TX 79705

RE: CEDAR CANYON WTF

Enclosed are the results of analyses for samples received by the laboratory on 01/27/25 11:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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/ga/lab accredited 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)

Celey D. Keene

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



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CEDAR CANYON WTF

Project Number: 03B1417269
Project Manager: HADLIE GREEN

Fax To:

Reported: 30-Jan-25 17:01

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS 01 0.5'	H250463-01	Soil	23-Jan-25 12:17	27-Jan-25 11:44
SS 02 0.5'	H250463-02	Soil	23-Jan-25 10:10	27-Jan-25 11:44
SS 03 0.5'	H250463-03	Soil	23-Jan-25 12:21	27-Jan-25 11:44
SS 04 0.5'	H250463-04	Soil	23-Jan-25 12:32	27-Jan-25 11:44
SS 05 0.5'	H250463-05	Soil	23-Jan-25 10:37	27-Jan-25 11:44
SS 06 0.5'	H250463-06	Soil	23-Jan-25 14:11	27-Jan-25 11:44
SS 07 0.5'	H250463-07	Soil	23-Jan-25 10:19	27-Jan-25 11:44
SS 08 0.5'	H250463-08	Soil	23-Jan-25 13:05	27-Jan-25 11:44

01/30/25 - Client changed the sample IDs (see COC). This is the revised report and will replace the one sent on 01/28/25.

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30-Jan-25 17:01



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

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CEDAR CANYON WTF

Project Number: 03B1417269

Project Manager: HADLIE GREEN

Fax To:

SS 01 0.5' H250463-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	5012819	HM	28-Jan-25	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5012719	JН	27-Jan-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5012719	JН	27-Jan-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			125 %	71.5	-134	5012719	ЈН	27-Jan-25	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctane			99.2 %	48.2	-134	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			100 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CEDAR CANYON WTF

Project Number: 03B1417269

Project Manager: HADLIE GREEN

Fax To:

Reported: 30-Jan-25 17:01

SS 02 0.5' H250463-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	288		16.0	mg/kg	4	5012819	HM	28-Jan-25	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		123 %	71.5	-134	5012719	ЈН	27-Jan-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctane			97.4 %	48.2	-134	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			98.4 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

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30-Jan-25 17:01



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CEDAR CANYON WTF

Project Number: 03B1417269

Project Manager: HADLIE GREEN

Fax To:

SS 03 0.5' H250463-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	272		16.0	mg/kg	4	5012822	KV	28-Jan-25	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5012719	JН	27-Jan-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			125 %	71.5	-134	5012719	JH	27-Jan-25	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctane			89.7 %	48.2	-134	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			89.1 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

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30-Jan-25 17:01



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CEDAR CANYON WTF

Project Number: 03B1417269

Project Manager: HADLIE GREEN

Fax To:

SS 04 0.5' H250463-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	5012822	KV	28-Jan-25	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (Pi	TD)		122 %	71.5	-134	5012719	ЈН	27-Jan-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctane			95.8 %	48.2	-134	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			95.3 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

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30-Jan-25 17:01



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

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CEDAR CANYON WTF

Project Number: 03B1417269

Project Manager: HADLIE GREEN

Fax To:

SS 05 0.5' H250463-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	64.0		16.0	mg/kg	4	5012822	KV	28-Jan-25	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			121 %	71.5	-134	5012719	JH	27-Jan-25	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctane			102 %	48.2	-134	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

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30-Jan-25 17:01



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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CEDAR CANYON WTF

Project Number: 03B1417269

Project Manager: HADLIE GREEN

Fax To:

SS 06 0.5' H250463-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	5012822	KV	28-Jan-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		122 %	71.5	-134	5012719	JH	27-Jan-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctane			90.6 %	48.2	-134	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			89.8 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CEDAR CANYON WTF

Project Number: 03B1417269

Project Manager: HADLIE GREEN

Fax To:

Reported: 30-Jan-25 17:01

SS 07 0.5' H250463-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Labora	tories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	5012822	KV	28-Jan-25	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		117 %	71.5	-134	5012719	ЈН	27-Jan-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctane			129 %	48.2	-134	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			131 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

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Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CEDAR CANYON WTF

Project Number: 03B1417269
Project Manager: HADLIE GREEN

Fax To:

Reported: 30-Jan-25 17:01

SS 08 0.5' H250463-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	304		16.0	mg/kg	4	5012822	KV	28-Jan-25	4500-Cl-B	
Volatile Organic Compound	s by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		123 %	71.5	-134	5012719	ЈН	27-Jan-25	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctane			106 %	48.2	-134	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			104 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705 Project: CEDAR CANYON WTF

Project Number: 03B1417269
Project Manager: HADLIE GREEN

Fax To:

Reported: 30-Jan-25 17:01

Inorganic Compounds - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5012819 - 1:4 DI Water										
Blank (5012819-BLK1)				Prepared &	Analyzed:	28-Jan-25				
Chloride	ND	16.0	mg/kg							
LCS (5012819-BS1)				Prepared &	Analyzed:	28-Jan-25				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (5012819-BSD1)				Prepared &	Analyzed:	28-Jan-25				
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20	
Batch 5012822 - 1:4 DI Water										
Blank (5012822-BLK1)				Prepared &	Analyzed:	28-Jan-25				
Chloride	ND	16.0	mg/kg							
LCS (5012822-BS1)				Prepared &	Analyzed:	28-Jan-25				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (5012822-BSD1)				Prepared &	: Analyzed:	28-Jan-25				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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%REC

Limits

RPD

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705

Analyte

Benzene

Toluene

Ethylbenzene

Total Xylenes

Surrogate: 4-Bromofluorobenzene (PID)

m,p-Xylene

o-Xylene

Project: CEDAR CANYON WTF

Spike

Level

Source

Result

%REC

111

113

116

113

117

115

82.8-130

86-128

85.9-128

89-129

86.1-125

88.2-128

71.5-134

10.2

11.3

114

10.6

Project Number: 03B1417269
Project Manager: HADLIE GREEN

Fax To:

Reporting

Limit

0.050

0.050

0.050

0.100

0.050

0.150

Result

2.22

2.26

2.31

4.54

2.34

6.88

0.0553

Reported: 30-Jan-25 17:01

RPD

Limit

15.8

16

16.2

16.7

16.3

Notes

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Units

Blank (5012719-BLK1)				Prepared & Analy	zed: 27-Jan-25		
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)	0.0621		mg/kg	0.0500	124	71.5-134	
LCS (5012719-BS1)				Prepared & Analy	yzed: 27-Jan-25		
Benzene	2.05	0.050	mg/kg	2.00	103	82.8-130	
Toluene	2.04	0.050	mg/kg	2.00	102	86-128	
Ethylbenzene	2.07	0.050	mg/kg	2.00	103	85.9-128	
m,p-Xylene	4.05	0.100	mg/kg	4.00	101	89-129	
o-Xylene	2.10	0.050	mg/kg	2.00	105	86.1-125	
Total Xylenes	6.15	0.150	mg/kg	6.00	103	88.2-128	
Surrogate: 4-Bromofluorobenzene (PID)	0.0542		mg/kg	0.0500	108	71.5-134	
LCS Dup (5012719-BSD1)				Prepared & Analy	vzed: 27-Jan-25		

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

2.00

2.00

4.00

2.00

6.00

0.0500

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



%REC

Limits

RPD

Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705

Analyte

Surrogate: 1-Chlorooctane

Surrogate: 1-Chlorooctadecane

Project: CEDAR CANYON WTF

Spike

Level

50.0

50.0

Source

Result

%REC

138

135

48.2-134

49.1-148

Project Number: 03B1417269
Project Manager: HADLIE GREEN

Fax To:

Reporting

Limit

Result

68.8

67.7

Reported: 30-Jan-25 17:01

RPD

Limit

Notes

S-05

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Units

Blank (5012721-BLK1)				Prepared & Ana	lyzed: 27-Jan-25				
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	51.9		mg/kg	50.0	104	48.2-134			
Surrogate: 1-Chlorooctadecane	51.1		mg/kg	50.0	102	49.1-148			
LCS (5012721-BS1)				Prepared & Ana	lyzed: 27-Jan-25				
GRO C6-C10	189	10.0	mg/kg	200	94.6	81.5-123			
DRO >C10-C28	197	10.0	mg/kg	200	98.4	77.7-122			
Total TPH C6-C28	386	10.0	mg/kg	400	96.5	80.9-121			
Surrogate: 1-Chlorooctane	55.2		mg/kg	50.0	110	48.2-134			
Surrogate: 1-Chlorooctadecane	55.1		mg/kg	50.0	110	49.1-148			
LCS Dup (5012721-BSD1)				Prepared & Ana	lyzed: 27-Jan-25				
GRO C6-C10	232	10.0	mg/kg	200	116	81.5-123	20.5	13	QR-0
DRO >C10-C28	242	10.0	mg/kg	200	121	77.7-122	20.6	15.6	QR-0
Total TPH C6-C28	474	10.0	mg/kg	400	119	80.9-121	20.6	18.5	QR-0

mg/kg

mg/kg

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Notes and Definitions

S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely

affected.

QR-04 The RPD for the BS/BSD was outside of historical limits.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager

Page 14 of 15

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

(575) 393-2326 FAX (575) 393-2476

No	@cardinallabsnm.com	ley.keene	nges to ce	Cardinal cannot accept verbal changes. Please email changes to celey.keene	erbal changes. F	ot accept ve	† Cardinal cann		
57 M	Standard Rush Rush	13 60	Thermometer ID	CHECKED BY:	Sample Condition Cool Intact Pres Pres No No		Corrected Temp. CS-U;		Sampler - UPS - Bus - Other:
er reguested	ustoner	*	REMARKS:	Les of	deign	Received By:			Delivered By: (Circle One)
All Results are emailed. Please provide Email address: BJennings@ensolum.com	led. Please providum.com	Results are emai	All Results are BJennings@e					Ademoto	Oluwale A
		•	client, its subsidiatesons or otherw	upon any of the above stated by	ether such claim is based u	nder by Cardinal, regardless of whether such	Date: R	t of or related to the performance of	Relinquished By:
		or the the applicable	aid by the client for ter completion of	all be limited to the amount p by Cardinal within 30 days at	rade in writing and received	ed waived unless m	se whatsoever shall be deem ntal damages, including with	service. In no event shall Cardinal be liable for incidental or consequential darmages, including without immation because in writing and received by Cardinal within 30 days after completion of the applicable	ervice. In no event shall Cardir
							s exclusive remedy for any ela	mages. Cardinal's liability and client's	PLEASE NOTE: Liability and Dame
	×	X	10.0	there !					
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			0	BILL TO	100				Project Manager
									"WEN AURUMO"

Sante Fe Main Office Phone: (505) 476-3441 General Information

Phone: (505) 629-6116
Online Phone Directory
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State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS

Action 429730

QUESTIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	429730
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2220159690
Incident Name	NAPP2220159690 CEDAR CANYON WTF @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Facility	[fBGB1922049166] CEDAR CANYON RECYCLING FACILITY A AND B

Location of Release Source	
Please answer all the questions in this group.	
Site Name	CEDAR CANYON WTF
Date Release Discovered	07/15/2022
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for	or the volumes provided should be attached to the follow-up C-141 submission.
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure Flow Line - Production Produced Water Released: 100 BBL Recovered: 85 BBL Lost: 15 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 429730

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	429730
	* · · · · · ·

QUESTIONS (continued)

[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan) QUESTIONS Nature and Volume of Release (continued) Is this a gas only submission (i.e. only significant Mcf values reported) No, according to supplied volumes this does not appear to be a "gas only" report. Was this a major release as defined by Subsection A of 19.15.29.7 NMAC Yes Reasons why this would be considered a submission for a notification of a major From paragraph A. "Major release" determine using: release (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more. With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form. Initial Response The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury. The source of the release has been stopped The impacted area has been secured to protect human health and the True environment Released materials have been contained via the use of berms or dikes, absorbent True pads, or other containment devices All free liquids and recoverable materials have been removed and managed True appropriately If all the actions described above have not been undertaken, explain why Not answered.

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

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

Name: Wade Dittrich
Title: Environmental Coordinator
Email: wade_dittrich@oxy.com
Date: 02/07/2025

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QUESTIONS, Page 3

Action 429730

QUESTIONS (continued)

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	429730
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Site Characterization		
Please answer all the questions in this group (only required when seeking remediation plan approva release discovery date.	l and beyond). This information must be provided to the appropriate district office no later than 90 days after the	
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)	
What method was used to determine the depth to ground water	Direct Measurement	
Did this release impact groundwater or surface water	No	
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1000 (ft.) and ½ (mi.)	
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)	
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)	
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)	
Any other fresh water well or spring	Between 1 and 5 (mi.)	
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)	
A wetland	Between 1000 (ft.) and ½ (mi.)	
A subsurface mine	Greater than 5 (mi.)	
An (non-karst) unstable area	Zero feet, overlying, or within area	
Categorize the risk of this well / site being in a karst geology	Medium	
A 100-year floodplain	Zero feet, overlying, or within area	
Did the release impact areas not on an exploration, development, production, or storage site	No	

Remediation Plan		
Please answer all the questions th	hat apply or are indicated. This information must be provided to the	he appropriate district office no later than 90 days after the release discovery date.
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report de	monstrating the lateral and vertical extents of soil contamination	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical	al extents of contamination been fully delineated	Yes
Was this release entirely of	ontained within a lined containment area	No
Soil Contamination Sampling	g: (Provide the highest observable value for each, in milli	igrams per kilograms.)
Chloride	(EPA 300.0 or SM4500 CI B)	80800
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	45646
GRO+DRO	(EPA SW-846 Method 8015M)	37436
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence 02/15/2025		
On what date will (or did) the final sampling or liner inspection occur 08/05/2025		08/05/2025
On what date will (or was) the remediation complete(d) 08/05/2025		08/05/2025
What is the estimated surface area (in square feet) that will be reclaimed		58430
What is the estimated volu	me (in cubic yards) that will be reclaimed	8650
What is the estimated surfa	ace area (in square feet) that will be remediated	58430
What is the estimated volu	me (in cubic yards) that will be remediated	8650
These estimated dates and measu	rements are recognized to be the best guess or calculation at the	time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

Released to Imaging: 2/10/2025 8:02:32 AM

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QUESTIONS, Page 4

Action 429730

QUESTIONS (continued)

Operator:	OGRID:
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	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate	/ reduce contaminants:
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	LEA LAND LANDFILL [fEEM0112342028]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms) Not answered.	
(In Situ) Soil Vapor Extraction Not answered.	
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.) Not answered.	
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.) Not answered.	
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

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

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

Name: Wade Dittrich
Title: Environmental Coordinator
Email: wade_dittrich@oxy.com
Date: 02/07/2025

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

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QUESTIONS, Page 5

Action 429730

QUESTIONS (continued)

Operator:	OGRID:
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Houston, TX 772104294	429730
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

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

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QUESTIONS, Page 6

Action 429730

QUESTIONS (continued)

Operator:	OGRID:			
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Houston, TX 772104294	429730			
	Action Type:			
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)			
QUESTIONS				
Sampling Event Information				
Last sampling notification (C-141N) recorded	{Unavailable.}			
Remediation Closure Request				
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.				
Requesting a remediation closure approval with this submission	No			

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CONDITIONS

Action 429730

CONDITIONS

Operator:	OGRID:
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P.O. Box 4294	Action Number:
Houston, TX 772104294	429730
	Action Type:
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

CONDITIONS

Created By		Condition Date
crystal.walker	Remediation Plan approved with variance request to complete excavation and soil sampling activities within 180 days of 2/10/2025. Remediation complete date is 8/10/2025 with closure report due on 9/10/2025	2/10/2025