E N S O L U M

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-

Oxy USA Inc. Remediation Work Plan Cedar Canyon WTF

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.



Oxy USA Inc. Remediation Work Plan Cedar Canyon WTF

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.



Oxy USA Inc. Remediation Work Plan Cedar Canyon WTF

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.

Beaux Jennings

Associate Principal

Sincerely, **Ensolum, LLC**

Madrie Dreen

Hadlie Green Project Geologist

cc: Wade Dittrich, Oxy

Appendices:

- Figure 1 Site Receptor Map
- Figure 2 Delineation Soil Sample Locations
- Table 1Soil Sample Analytical Results
- Appendix A Referenced Well Records
- Appendix B Photographic Log
- Appendix C Laboratory Analytical Reports & Chain-of-Custody Documentation

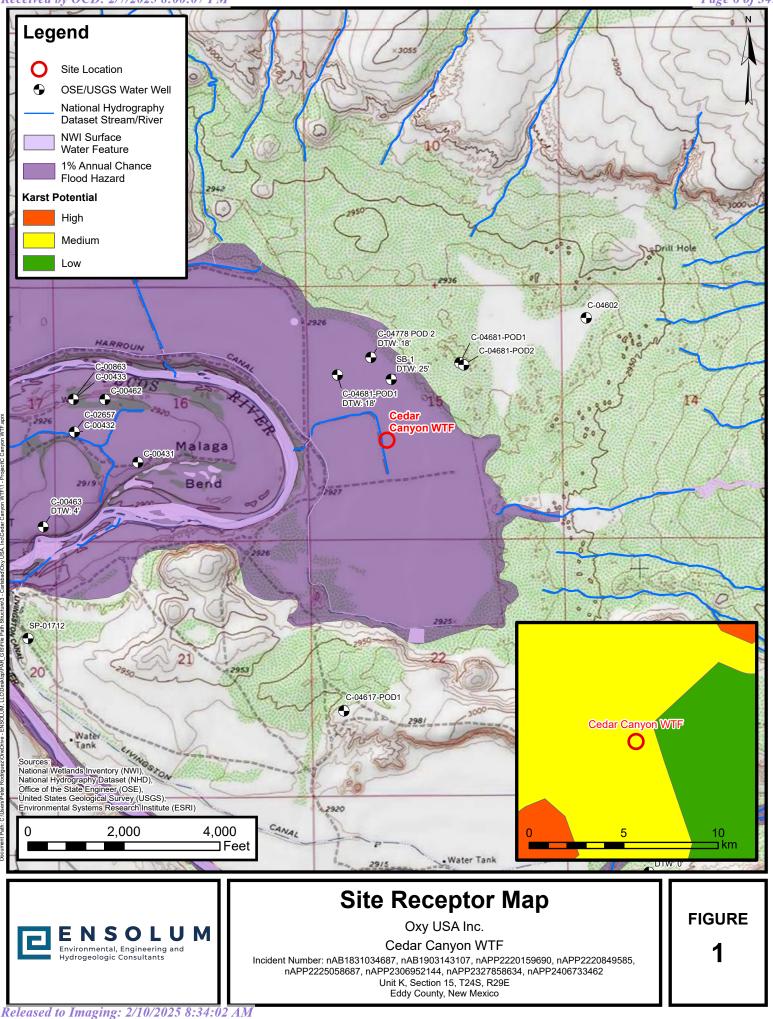




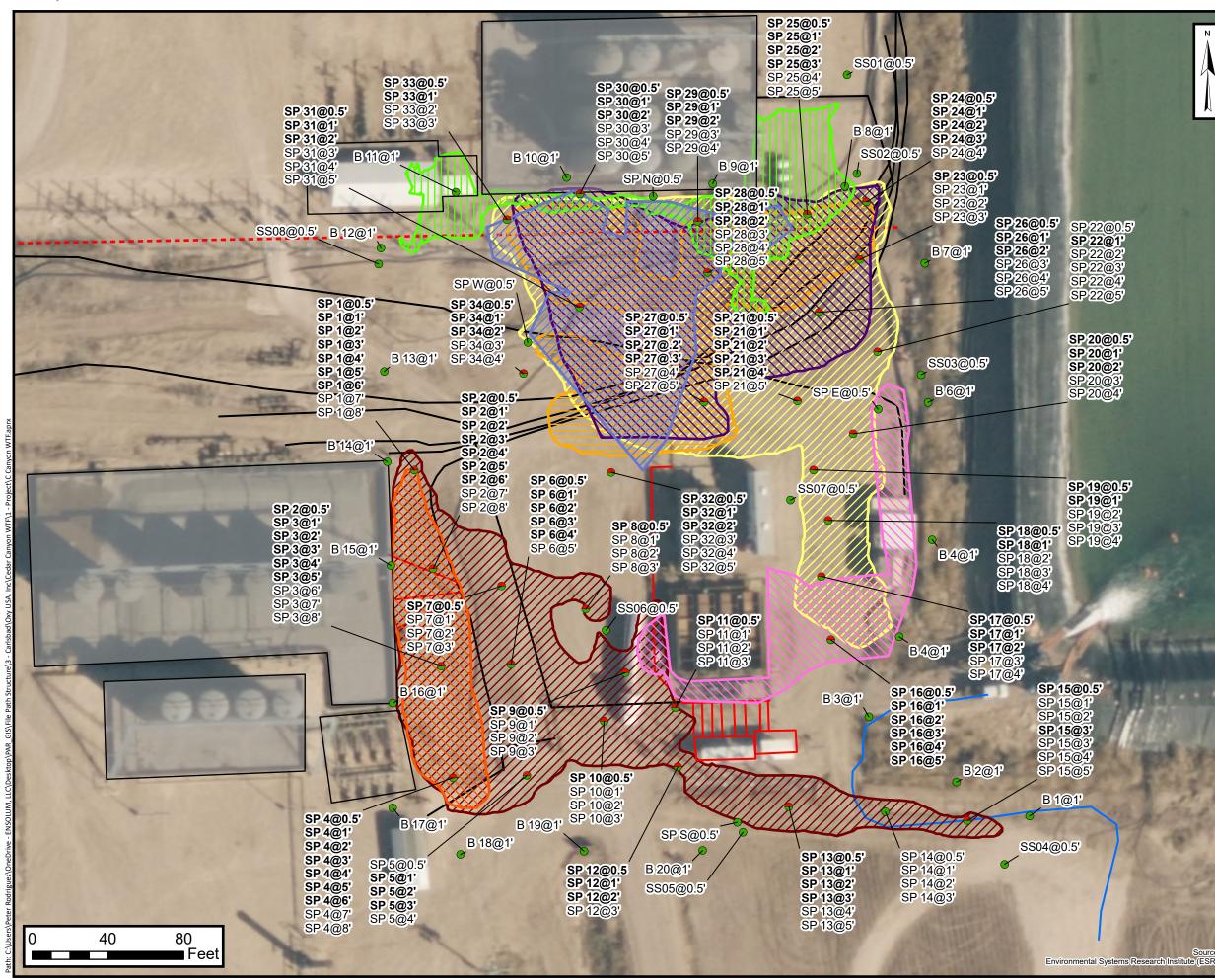
FIGURES

Received by OCD: 2/7/2025 8:00:07 PM

Page 6 of 345



```
Received by OCD: 2/7/2025 8:00:07 PM
```



Released to Imaging: 2/10/2025 8:34:02 AM



Legend

 $\overline{}$

 $\overline{}$

 $\overline{}$

 \overline{Z}

- 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



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



TABLES

.

ENSOLUM

				C	TABLE 1 LE ANALYTICA Cedar Canyon WT Oxy USA Inc. Y County, New Me	F				
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

				C	TABLE 1 LE ANALYTICA Cedar Canyon WT Oxy USA Inc. Y County, New Me	F				
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

				C	TABLE 1 LE ANALYTICA Sedar Canyon WT Oxy USA Inc. / County, New Me	F				
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

ENSOLUM

				c	TABLE 1 LE ANALYTICA Cedar Canyon WT Oxy USA Inc. Y County, New Mage	F				
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

				С	TABLE 1 LE ANALYTICA cedar Canyon WT Oxy USA Inc. / County, New Me	F				
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

				C	TABLE 1 LE ANALYTICA Sedar Canyon WT Oxy USA Inc. / County, New Me	F				
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

				c	TABLE 1 LE ANALYTICA cedar Canyon WT Oxy USA Inc. y County, New Mage	F				
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

				c	TABLE 1 LE ANALYTICA Sedar Canyon WT Oxy USA Inc. / County, New Mage	F				
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

				С	TABLE 1 LE ANALYTICA redar Canyon WT Oxy USA Inc. / County, New Mage	F				
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
В 3	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

ENSOLUM

				С	TABLE 1 LE ANALYTICA edar Canyon WT Oxy USA Inc. Oounty, New M	F				
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
B 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

ENSOLUM

				c	TABLE 1 LE ANALYTICA Cedar Canyon WT Oxy USA Inc. / County, New Mage	F				
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

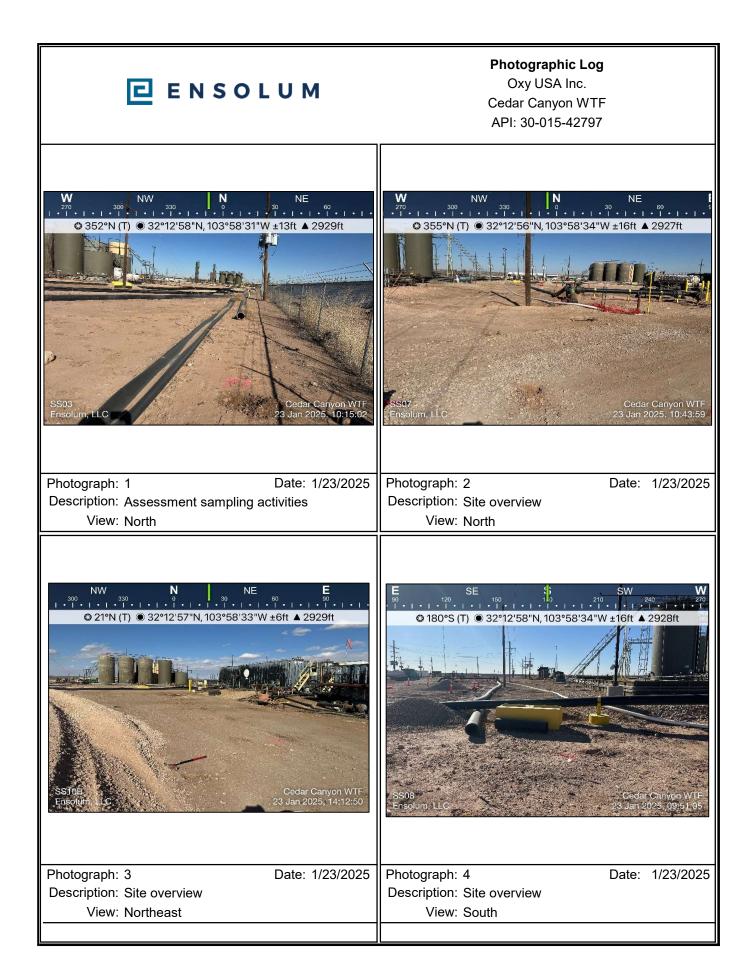
AL ST	1912.		OFFICE OF 7	FHE STATE ENGINEE .nm.us	R			AS CRUCES. NE	171
0	OSE POD NO BMW-1	Comparation and the second	1 Bm	W-1 WELL TAG ID NO.	211.	OSE FILE NO(C-477		· >. nq
-	Oxy USA I WELL OWNE P.O Box 42	R MAILING	3 ADDRESS			CITY Houston		STATE TX 77210	ZIP
		5) LO N RELATIO	TITUDE NGITUDE NG WELL LOCATION TO	EGREES MINUTES SEA 32 13 105 58 DISTREET ADDRESS AND COMMON LAN	conds 11 N 44.8 W dmarks - pls	* DATUM REQ	REQUIRED: ONE TENT DUIRED: WGS 84 WNSHJIP, RANGE) WHI		
	LICENSE NO. WD-1	757	NAME OF LICENSE	D DRILLER David Draybuck DEPTH OF COMPLETED WELL (FT)	POPENO	LE DEPTH (FT)		LLING COMPANY ech Drilling Services IT ENCOUNTERED (FT)	
	DRILLING ST 10/03/2 COMPLETED	2023	DRILLING ENDED 10/03/2023	40ft		40ft	WATER LEVEL	18ft	MEASUREI
	DRILLING M DEPTH (FROM		BORE HOLE DIAM (inches) 6	MER CABLE TOOL OTHER-S CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen) PVC	C/ CONI (add coup	ISING NECTION YPE ing diameter) sh Joint	CASING INSIDE DIAM. (inches) 2	HERE IF PITLESS ADA LED CASING WALL THICKNESS (inches) SCH 40	SLOT SIZE (inches)
	15	40	6	PVC	Flu	sh Joint	2	SCH 40	.010
	DEPTH (feet bol)	BORE HOLE	LIST ANNULAR SEAL MATERIAL /		. PACK SIZE-	AMOUNT	METHO	DOF
	FROM 0 1	TO 1 13	DIAM. (inches) 6 6	RANGE BY INT *(if using Centralizers for Artesian we Concrete Bentonite	ll <u>s- indicate the</u> :	spacing below)	(cubic feet)	PLACEN Pour	MENT ed
	13	40	6	Sand				Poure	ed
-				65:1 X3		5073 V			

	DEPTH (feet bgl)		COLOR AND TYPE OF MATERIAL ENCOUNTERED -	WATER	,	ESTIMATED				
	FROM	то	THICKNESS (feet)	INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	BEARING (YES/NG	G?	YIELD FOR WATER- BEARING ZONES (gpm)				
	0	5		No Recovery	Y	0					
	5	10		Silty sand, fine-grained, brown, dry, no odor	Y	0					
	10	12.5		Silty sandy clay, brown, slightly moist, no odor		0					
	12.5	18		Y	\odot						
	18	20		Y	0						
П	20	30		Ø	N						
WE	30	40		Sandy silty clay, light brown, very wet, no odor	Ø	N					
OF					Y	N					
FOC					Y	N					
GIC					Y	N					
OILO					Y	N					
4. HYDROGEOLOGIC LOG OF WELL					Y	N					
DRO					Y	N					
HY.					Y	N					
4					Y	N					
					Y	N					
					Y	N					
					OSE DIT DEC	N	2023 pm2:11				
					Y	N	WED PMZ:11				
					Y	N					
	METHODU	ED TO ES		F WATER-BEARING STRATA:	TAL ESTIMAT						
	PUMP			BAILER OTHER - SPECIFY:	ELL YIELD (g	pm): C	0,5				
N	WELL TEST	TEST STAR	RESULTS - ATTA T TIME, END TIM	CH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLU E, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER T	DING DISCHAR	ERIO	втнор				
/ISION	MISCELLAN	LEOUS INF	ORMATION:			Si					
ERV	Millocholaria	2000 41	or and the second se			UCE	1 8 17				
SUF						So int	0				
RIG						mm	0				
TEST; RIG SUPERV	PRINT NAM	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN DEENSEE?									
5. T	T KINT NAM	L(3) 01 DI	CILL NO SOI LAV	BOR(3) THAT I ROADED ON THE SOLER ABOA OF WEEL CONSTR	5	FICE	09				
	THE UNDER	SIGNED H	EREBY CERTIFU	S THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF,		-					
TURE	CORRECT R	ECORD O	F THE ABOVE DE	SCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL REC DAYS AFTER COMPLETION OF WELL DRILLING:	ORD WITH THI	E STAT	TE ENGINEER				
6. SIGNATURE	15		100	gloof Ouvid Draybuck	10-24-						
6		SIGNAT	URE OF DRILLER	PRINT SIGNEE NAME GALL WE 3-7	da 5023 nd.	TE					
FOI	R OSE INTERN	AL USE		WR-20 WELL	ECORD & LOG	i (Vers	ion 09/22/2022)				
FIL	ENOC-4	778-	the second se	BML -1 POD NO. POD 1 TRN NO.	764690	F.					
LO	CATION W	on	24.29	WELL TAG ID NO.		-	PAGE 2 OF 2				



APPENDIX B

Photographic Log





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_accred_certif.html.

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

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

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

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Reported: 28-Jun-24 14:15
--	--	------------------------------

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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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 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'	H243043-32	Soil	24-May-24 12:46	31-May-24 08:13
SP 6@SURFACE	H243043-33	Soil	24-May-24 13:15	31-May-24 08:13
SP 6@1'	H243043-34	Soil	24-May-24 13:38	31-May-24 08:13
SP 6@2'	H243043-35	Soil	24-May-24 14:08	31-May-24 08:13
SP 6@3'	H243043-36	Soil	24-May-24 14:31	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 12:48	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 13:21	31-May-24 08:13
SP 9@3'	H243043-50	Soil	28-May-24 13:36	31-May-24 08:13
SP 10@SURFACE	H243043-51	Soil	28-May-24 13:54	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 14:29	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 11@2'	H243043-57	Soil	28-May-24 15:16	31-May-24 08:13

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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.

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	Reported: /22,2/25/23,: 28-Jun-24 14:15			
				D SURFA 043-01 (Se						
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	4060336	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	y EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4053132	ЛН	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4053132	ЛН	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	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4053132	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			89.7 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana Fax	iber: 7/1 iger: Cliff To: (57	Brunson 5) 397-039	22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				0) SURFA 043-02 (Se						
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 80	21								
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 (PI	D)		89.1 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	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		
			`) SURFA)43-03 (So							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	ories						
Inorganic Compounds			16.0			10(022)		04 J 04	4500 CL D		
Chloride	32.0		16.0	mg/kg	4	4060336	AC	04-Jun-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 8	8021									
Benzene*	< 0.050		0.050	mg/kg	50	4053132	ЛН	03-Jun-24	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	4053132	ЛН	03-Jun-24	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4053132	ЛН	03-Jun-24	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	4053132	ЈН	03-Jun-24	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	4053132	ЛН	03-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PIL))		89.8 %	71.5	-134	4053132	ЛН	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			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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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				Reported: 28-Jun-24 14:15			
) SURFA 043-04 (So						
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	4060336	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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 (PIL))		88.9 %	71.5	-134	4053132	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Project Nu Project Ma	roject: CED Imber: 7/1! nager: Cliff ax To: (57!	5/22,7/22/2 Brunson	22,8/25/22	,2/25/23,:	Reported: 5/23,: 28-Jun-24 14:15			
			@ SURFA							
		H24	3043-05 (So	oil)						
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
		Cardi	nal Laborat	tories						
Inorganic Compounds										
Chloride	26000	16.0	mg/kg	4	4060336	AC	04-Jun-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 802	1								
Benzene*	< 0.050	0.050	mg/kg	50	4060306	ЛН	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	ЛН	03-Jun-24	8021B		
Total Xylenes*	< 0.150	0.150	mg/kg	50	4060306	ЛН	03-Jun-24	8021B		
Total BTEX	< 0.300	0.300	mg/kg	50	4060306	ЛН	03-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (Pl	D)	127 %	6 71.5	-134	4060306	ЛН	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		91.4 %	6 48.2	-134	4053124	MS	03-Jun-24	8015B		
Surrogate: 1-Chlorooctadecane		84.4 %	<i>49.1</i>	-148	4053124	MS	03-Jun-24	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project:CEDAR CANYON WTFProject Number:7/15/22,7/22/22,8/25/22,2/25/23,2Project Manager:Cliff BrunsonFax To:(575) 397-0397					Reported: 28-Jun-24 14:15			
				P 1@1'	-11)						
H243043-06 (Soil)											
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l 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 8	021									
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	ЛН	03-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PID)		129 %	129 % 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*	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			

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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					Reported: 28-Jun-24 14:15		
				P 1@2'						
			H243	043-07 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	5920		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	21								
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	Surrogate: 4-Bromofluorobenzene (PID)		123 %	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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								Reported: 28-Jun-24 14:15		
				P 1@3'							
			H243	043-08 (Se	oil)						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	tories						
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	ЛН	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	ЛН	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project: CEDAR CANYON WTF F Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: 28-4 Project Manager: Cliff Brunson Fax To: (575) 397-0397									15
				P 1@4'						
			H243)43-09 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	5600		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	ЛН	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	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Reported: 28-Jun-24 14:15							
				P 1@5'						
			H243	043-10 (Se	oil)					
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 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	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		120 %	71.5	-134	4060306	JH	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									15
) SURFA						
			H243	043-11 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	52000		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
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)		122 %	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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			SP 2@1' 3043-12 (So	,i)						
		1124,	5045-12 (50)II)						
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
		Cardin	al Laborat	ories						
Inorganic Compounds										
Chloride	6320	16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B		
Volatile Organic Compounds	s by EPA Method 8021	L								
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	ЈН	03-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (Pl	D)	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		2	Reported: 28-Jun-24 14:15							
				P 2@2'						
			H2430	043-13 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	7760		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	ЛН	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	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		116 %	71.5	-134	4060306	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReportProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-2Project Manager:Cliff BrunsonFax To:(575) 397-0397									15
				P 2@3'	.:1)					
			H243	043-14 (So)					
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	by EPA Method 8	021								
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	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		117 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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									15
				P 2@4'						
			H243	043-15 (Se	oil)					
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	by EPA Method 8	021								
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)		115 %	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			85.9 %	48.2	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			81.1 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Pro Project Nur Project Man Fa	Reported: 28-Jun-24 14:15						
		S	SP 2@5'						
		H243	043-16 (Se	oil)					
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardin	al Laborat	tories					
<u>Inorganic Compounds</u> 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	ЈН	03-Jun-24	8021B	
Ethylbenzene*	< 0.050	0.050	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Total Xylenes*	< 0.150	0.150	mg/kg	50	4060306	ЈН	03-Jun-24	8021B	
Total BTEX	< 0.300	0.300	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)	120 %	71.5	-134	4060306	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			0)SURFA)43-17 (So						
			П2430	943-17 (50)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	62400		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	21								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	ЛН	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))		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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 1 Project Manager: Cliff Brunson Fax To: (575) 397-0397									
				P 3@1' 043-18 (So	,i)					
			112430	545-10 (50)II)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	8320		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		117 %	71.5	-134	4060306	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Reported: 28-Jun-24 14:15							
				P 3@2'						
			H243	043-19 (So	01 1)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
<u>Inorganic Compounds</u> Chloride	7200		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060306	ЈН	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	ЈН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		112 %	71.5	-134	4060306	ЛН	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 3@3'						
			H243)43-20 (Se	oil)					
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 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	ЈН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	iber: 7/1! iger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 3@4'						
			H243	043-21 (So	oil)					
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	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 80	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	ЛН	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	ЛН	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060306	ЈН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060306	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		116 %	71.5	-134	4060306	ЛН	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	-134	4053124	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			84.8 %	49.1	-148	4053124	MS	03-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 3@5'						
			H2430)43-22 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	3680		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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)		114 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 8-Jun-24 14:	15
			0)SURFA						
			H243	043-23 (So	01 1)					
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 Compound	s by EPA Method 80	21								
Benzene*	< 0.050		0.050	mg/kg	50	4060306	ЛН	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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 4@1'						
			H2430)43-24 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	8240		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by 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	ЈН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		112 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 4@2'						
			H2430	043-25 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	9400		16.0	mg/kg	4	4060423	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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 (PIL))		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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: ?8-Jun-24 14:	15
			S	P 4@3'						
			H243	043-26 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	9860		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 802	21								
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	ЛН	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	ЛН	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	ЛН	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		105 %	71.5	-134	4060307	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22,	2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 4@4'						
			H243	043-27 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l 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 8	021								
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	ЛН	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	ЛН	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	iber: 7/1. iger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 4@5'						
			H243	043-28 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	7730		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	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 (PIL))		105 %	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			83.6%	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			83.5 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
			0)SURFA 043-29 (So						
					,,					
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	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	21								
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	ЈН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 5@1'	.9)					
			H2430	043-30 (So)))					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l 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 8	021								
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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 5@2'						
			H243)43-31 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	720		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	ЛН	04-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060307	ЛН	04-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060307	ЛН	04-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060307	ЛН	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	ЛН	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 5@3'						
			H243()43-32 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	800		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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	ЈН	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			ect Numbe ect Manage	r: 7/1! r: Cliff	DAR CANYO 5/22,7/22/2 Brunson 5) 397-0392	2,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
			SP 6@S H243043							
			112 100 10	, 66 (St	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL L	orting imit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal L	aborat	tories					
Inorganic Compounds										
Chloride	40800	1	6.0 r	ng/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	1								
Benzene*	< 0.050	0.	050 r	ng/kg	50	4060307	ЛН	04-Jun-24	8021B	
Toluene*	< 0.050	0.	050 r	ng/kg	50	4060307	JH	04-Jun-24	8021B	
Ethylbenzene*	< 0.050	0.	050 r	ng/kg	50	4060307	JH	04-Jun-24	8021B	
Total Xylenes*	< 0.150	0.	150 r	ng/kg	50	4060307	ЛН	04-Jun-24	8021B	
Total BTEX	< 0.300	0.	300 r	ng/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	D)		103 %	71.5	-134	4060307	JH	04-Jun-24	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0	1	0.0 r	ng/kg	1	4053125	MS	03-Jun-24	8015B	
DRO >C10-C28*	52.4	1	0.0 r	ng/kg	1	4053125	MS	03-Jun-24	8015B	
EXT DRO >C28-C36	<10.0	1	0.0 r	ng/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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 6@1'						
			H2430	043-34 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	4480		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	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 (PIL))		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1. ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:7	15
				P 6@2'	- 11)					
[H2430	043-35 (Se)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1120		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds b	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	ЛН	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	ЛН	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1. ager: Cliff		22,8/25/22,	2/25/23,:	2	Reported: 8-Jun-24 14:	15
				P 6@3'	- 31)					
			H243	043-36 (Se)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	1040		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	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)		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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22,	2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 6@4'						
			H2430)43-37 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	832		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 80	21								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	ЛН	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	ЛН	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 6@5'						
			H243	043-38 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Labora	tories					
Inorganic Compounds										
Chloride	240		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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 (PIL))		99.4 %	71.5	-134	4060307	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
			0)SURFA)43-39 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4480		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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))		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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22,	2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 7@1'						
			H2430)43-40 (So	01 1)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	352		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060307	ЛН	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	ЛН	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22,	2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 7@2'						
			H2430)43-41 (So	oil)					
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 Compounds	by EPA Method 80	21								
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	ЛН	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		96.2 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 7@3'						
			H2430)43-42 (Se	oil)					
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	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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)		<i>97.3 %</i>	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
			0)SURFA)43-43 (So						
)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	1800		16.0	mg/kg	4	4060419	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 80	21								
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	ЈН	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		101 %	71.5	-134	4060307	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				P 8@1'	, 3)					
			П2430)43-44 (Se)11)					
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	by EPA Method 8	021								
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	ЛН	04-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060307	JH	04-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		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			96.3 %	48.2	-134	4053125	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			103 %	49.1	-148	4053125	MS	03-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			SP 8@2 H243043-45							
-			П243043-43	(3011)						
Analyte	Result	MDL Lin	rting nit Unit	s Dilution	Batch	Analyst	Analyzed	Method	Notes	
		(Cardinal Labo	oratories						
Inorganic Compounds										
Chloride	256	16	.0 mg/k	g 4	4060419	AC	04-Jun-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 802	21								
Benzene*	< 0.050	0.0	50 mg/k	g 50	4060308	JH	03-Jun-24	8021B		
Toluene*	< 0.050	0.0	50 mg/k	g 50	4060308	ЛН	03-Jun-24	8021B		
Ethylbenzene*	< 0.050	0.0	50 mg/k	g 50	4060308	ЛН	03-Jun-24	8021B		
Total Xylenes*	< 0.150	0.1	50 mg/k	g 50	4060308	ЛН	03-Jun-24	8021B		
Total BTEX	< 0.300	0.3	00 mg/k	g 50	4060308	ЛН	03-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PI	D)		99.4 %	71.5-134	4060308	ЈН	03-Jun-24	8021B		
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0	10	.0 mg/k	g 1	4053126	MS	03-Jun-24	8015B		
DRO >C10-C28*	<10.0	10	.0 mg/k	g 1	4053126	MS	03-Jun-24	8015B		
EXT DRO >C28-C36	<10.0	10	.0 mg/k	g 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 %	19.1-148	4053126	MS	03-Jun-24	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		2	Reported: 28-Jun-24 14:	15						
			S	P 8@3'						
			H243)43-46 (Se	oil)					
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	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	ЛН	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	ЛН	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		98.8 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			0)SURFA)43-47 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	2720		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 80)21								
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	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		2	Reported: 28-Jun-24 14:15							
			S	P 9@1'						
			H243	043-48 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	336		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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 (PII))		99.1 %	71.5	-134	4060308	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReportedProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			S	P 9@2'						
			H243	043-49 (So	oil)					
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	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 80	021								
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 (PII	D)		99.6 %	71.5	-134	4060308	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReportedProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24Project Manager:Cliff BrunsonFax To:(575) 397-0397									15
				P 9@3'						
			H243	043-50 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	336		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	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))		98.6 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				ØSURFA						
			П243	043-51 (So)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	2560		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	ЈН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII	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*	<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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				P 10@1'						
			H2430)43-52 (Se	oil)					
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	by EPA Method 8	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	ЛН	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	ЈН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		96.2 %	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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				P 10@2'	.:.)					
			П243	043-53 (So)11)					
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	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 802	21								
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	JH	03-Jun-24	8021B	
<u>Petroleum Hydrocarbons by</u>	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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,: 28- Project Manager: Cliff Brunson Fax To: (575) 397-0397									15
			SI	P 10@3'						
			H243	043-54 (Se	oil)					
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	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	ЛН	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	ЈН	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	ЈН	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	ЈН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		98.5 %	71.5	-134	4060308	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									
		SP 11(@SURFA	CE						
		H243	043-55 (So	oil)						
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
		Cardin	al Laborat	tories						
Inorganic Compounds										
Chloride	6720	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	ЛН	03-Jun-24	8021B		
Total Xylenes*	< 0.150	0.150	mg/kg	50	4060308	ЛН	03-Jun-24	8021B		
Total BTEX	< 0.300	0.300	mg/kg	50	4060308	ЛН	03-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PI	D)	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		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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			roject Num oject Mana	nber: 7/1: ager: Cliff	AR CANYO 5/22,7/22/2 Brunson 5) 397-039	22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 11@1'	.:1)					
			H243	043-56 (So)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	272		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	1								
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))		97.9 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 11@2'	, : 1)					
			H243	043-57 (So)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	448		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 80	21								
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)		98.7 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
<u>Petroleum Hydrocarbons by</u>	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	iber: 7/1! iger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 11@3'						
			H243	043-58 (So	oil)					
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	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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 (PII))		99.2 %	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*	<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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	Reported: 28-Jun-24 14:15		
			SP 12 (a SURFA	CE					
			H243	043-59 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
<u>Inorganic Compounds</u> Chloride	5120		16.0	mg/kg	4	4060424	НМ	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80)21								
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	ЛН	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	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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									15
				P 12@1' 043-60 (So	vil)					
			П2430	943-00 (50)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	752		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 80	21								
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	ЈН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 12@2'						
			H2430	043-61 (Se	oil)					
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	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060308	ЛН	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060308	ЛН	03-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060308	ЈН	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	ЈН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		98.8 %	71.5	-134	4060308	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 12@3'						
			H243	043-62 (Se	oil)					
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	by EPA Method 8	021								
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	ЛН	03-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060308	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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,: 22 Project Manager: Cliff Brunson Fax To: (575) 397-0397									15
				@SURFA						
			H243	043-63 (Se)II)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds						10.00.00.0				
Chloride	9200		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	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	ЈН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		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*	<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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 13@1'	. :)					
			H243	043-64 (So)))					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	3360		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 802	21								
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	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060308	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		94.1 %	71.5	-134	4060308	JH	03-Jun-24	8021B	
<u>Petroleum Hydrocarbons by</u>	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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									
				P 13@2'						
			H2430	043-65 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	3760		16.0	mg/kg	4	4060424	HM	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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	ЛН	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 (PII))		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 13@3' 3043-66 (So	sil)					
		1124	5045-00 (50	лл <i>у</i>					
Analyte	Result	MDL Reporting	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardir	nal Laborat	tories					
Inorganic Compounds									
Chloride	1710	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	ЛН	03-Jun-24	8021B	
Toluene*	< 0.050	0.050	mg/kg	50	4060309	ЛН	03-Jun-24	8021B	
Ethylbenzene*	< 0.050	0.050	mg/kg	50	4060309	ЈН	03-Jun-24	8021B	
Total Xylenes*	< 0.150	0.150	mg/kg	50	4060309	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300	0.300	mg/kg	50	4060309	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	15
				P 13@4'	.1)					
			H243	043-67 (So)11)					
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	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 80	21								
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 (PI	D)		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			82.1 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			90.6 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			SP 13@5'							
		H24	3043-68 (Se	oil)						
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
		Cardin	nal 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	L								
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	ЛН	03-Jun-24	8021B		
Total BTEX	< 0.300	0.300	mg/kg	50	4060309	ЛН	03-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (Pl	(D)	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 %	<i>49.1</i>	-148	4060302	MS	03-Jun-24	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									
) SURFA)43-69 (So						
			Reporting		,					
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	384		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	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 (PII))		107 %	71.5	-134	4060309	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:Project Manager:Cliff BrunsonFax To:(575) 397-0397									15
				P 14@1'						
			H243	043-70 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds	102		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Chloride	192		16.0	шу/ку	4	4000343	AC	04-Jun-24	4300-СІ-В	
Volatile Organic Compounds	by EPA Method 8	021								
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)		106 %	71.5	-134	4060309	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-JProject Manager:Cliff BrunsonFax To:(575) 397-0397									15
				P 14@2'						
			H243	043-71 (Se	oil)					
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	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4060309	ЛН	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))		107 %	71.5	-134	4060309	ЛН	03-Jun-24	8021B	
Petroleum Hydrocarbons by C	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:Project Manager:Cliff BrunsonFax To:(575) 397-0397								15	
			S	P 14@3'						
			H243	043-72 (So	oil)					
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	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80	21								
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	ЛН	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)		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			102 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			111 %	49.1-	-148	4060302	MS	03-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									15
			SP 15(@SURFA	CE					
			H243	043-73 (So	oil)					
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 802	21								
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)		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									15
			S	P 15@1'						
			H243	043-74 (So	oil)					
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	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound		21	1010	00						
Benzene*	< 0.050		0.050	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060309	ЛН	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	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									15
				P 15@2'						
			H243	043-75 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	272		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	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	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		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			109 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397								
		S	SP 15@3'						
		H24.	3043-76 (Se	oil)					
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardin	al Laborat	tories					
Inorganic Compounds									
Chloride	4720	16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	1							
Benzene*	< 0.050	0.050	mg/kg	50	4060309	ЛН	03-Jun-24	8021B	
Toluene*	< 0.050	0.050	mg/kg	50	4060309	ЛН	03-Jun-24	8021B	
Ethylbenzene*	< 0.050	0.050	mg/kg	50	4060309	ЛН	03-Jun-24	8021B	
Total Xylenes*	< 0.150	0.150	mg/kg	50	4060309	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300	0.300	mg/kg	50	4060309	ЛН	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)	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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			@SURFA							
		H243	043-77 (Se	oil)						
Analyte	Result M	Reporting IDL 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 Compound	s by EPA Method 8021									
Benzene*	< 0.050	0.050	mg/kg	50	4060309	ЛН	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	ЛН	03-Jun-24	8021B		
Total BTEX	< 0.300	0.300	mg/kg	50	4060309	ЛН	03-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (Pl	(D)	105 %	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*	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14Project Manager:Cliff BrunsonFax To:(575) 397-0397								15	
			S	P 16@1'						
			H243	043-78 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	768		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80	21								
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)		106 %	71.5	-134	4060309	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project Manager:Cliff BrunsonFax To:(575) 397-0397									15
				P 16@2'						
			H243	043-79 (So	oil)					
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	s by EPA Method 802	21								
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	ЛН	03-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060309	JH	03-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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								15
				P 16@3'						
			H243	043-80 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	640		16.0	mg/kg	4	4060343	AC	04-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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 (PI	D)		105 %	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			104 %	48.2	-134	4060302	MS	03-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			114 %	49.1	-148	4060302	MS	03-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805	•	CEDAR CANYON WTF 7/15/22,7/22/22,8/25/22,2/25/23,: Cliff Brunson	Reported: 28-Jun-24 14:15
Hobbs NM, 88241	, ,	(575) 397-0397	

Inorganic Compounds - Quality Control

e Source %REC RPD el Result %REC Limits RPD Limit Notes ed & Analyzed: 03-Jun-24
ed & Analyzed: 03-Jun-24
ed & Analyzed: 03-Jun-24
ed & Analyzed: 03-Jun-24
112 80-120
ed & Analyzed: 03-Jun-24
104 80-120 7.41 20
ed & Analyzed: 03-Jun-24
ed & Analyzed: 03-Jun-24
108 80-120
ed & Analyzed: 03-Jun-24
108 80-120 0.00 20
ed & Analyzed: 04-Jun-24
ed & Analyzed: 04-Jun-24
108 80-120

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

٦



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							Reported: 28-Jun-24 14:15			
	Inor		-	- Quality (oratories	Control							
					G		%REC		RPD			
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%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 &	Analyzed:	04-Jun-24						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20			

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project Number: Project Manager:	7/15/22,7/22/22,8/25/22,2/25/23,: Cliff Brunson	Reported: 28-Jun-24 14:15
	Fax Io:	(575) 397-0397	
	P.O. Box 805	P.O. Box 805Project Number:Hobbs NM, 88241Project Manager:	P.O. Box 805 Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,:

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 4053132 - Volatiles										
Blank (4053132-BLK1)				Prepared: 3	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: 3	31-May-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			
Ethylbenzene	1.84	0.050	mg/kg	2.00		92.0	85.9-128			
m,p-Xylene	3.57	0.100	mg/kg	4.00		89.3	89-129			
o-Xylene	1.75	0.050	mg/kg	2.00		87.7	86.1-125			
Total Xylenes	5.33	0.150	mg/kg	6.00		88.8	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0460		mg/kg	0.0500		92.1	71.5-134			
LCS Dup (4053132-BSD1)				Prepared: 3	81-May-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
o-Xylene	1.68	0.050	mg/kg	2.00		84.1	86.1-125	4.23	16.7	BS
Total Xylenes	5.07	0.150	mg/kg	6.00		84.6	88.2-128	4.85	16.3	BS
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

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 ar 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. 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 Cardinal, regardless of whether su claim is based bove 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 Jooratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project Number: 7 Project Manager: 0	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
--	---	--	------------------------------

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										
Blank (4060306-BLK1)				Prepared &	Analyzed:	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 &	Analyzed:	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 &	Analyzed:	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: ()3-Jun-24 A	nalyzed: 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)

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whitstoewer 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 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 Lobaratories.

mg/kg

0.0500

110

71.5-134

0.0550

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project Number: 7 Project Manager: 0	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
--	---	--	------------------------------

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal La	boratories

		Reporting	.	Spike	Source	0	%REC	-	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4060307 - Volatiles										
LCS (4060307-BS1)				Prepared: 0	3-Jun-24 A	nalyzed: 0	4-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			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 14:15Project 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
Anaryte	Kesuit	Liiiiit	Units	Level	Result	70KEU	Limits	KPD	Limit	notes
Batch 4060308 - Volatiles										
LCS (4060308-BS1)				Prepared &	Analyzed:	03-Jun-24				
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-
Ethylbenzene	1.63	0.050	mg/kg	2.00		81.6	85.9-128			BS-
m,p-Xylene	3.28	0.100	mg/kg	4.00		81.9	89-129			BS-
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-
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.6	71.5-134			
LCS Dup (4060308-BSD1)				Prepared &	Analyzed:	03-Jun-24				
Benzene	1.61	0.050	mg/kg	2.00		80.3	82.8-130	5.87	15.8	BS-
Toluene	1.66	0.050	mg/kg	2.00		82.9	86-128	3.09	15.9	BS-
Ethylbenzene	1.61	0.050	mg/kg	2.00		80.3	85.9-128	1.62	16	BS-
m,p-Xylene	3.23	0.100	mg/kg	4.00		80.8	89-129	1.42	16.2	BS-
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-
Surrogate: 4-Bromofluorobenzene (PID)	0.0485		mg/kg	0.0500		97.0	71.5-134			
Batch 4060309 - Volatiles										
Blank (4060309-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)	0.0543		mg/kg	0.0500		109	71.5-134			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
--	-------------------------------------	--	------------------------------

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 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			
n,p-Xylene	3.98	0.100	mg/kg	4.00		99.5	89-129			
p-Xylene	1.86	0.050	mg/kg	2.00		92.9	86.1-125			
fotal 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	
n,p-Xylene	4.07	0.100	mg/kg	4.00		102	89-129	2.13	16.2	
p-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			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project: CEDAR CANYON W Project Number: 7/15/22,7/22/22,8/ 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 4053123 - General Prep - Organics										
Blank (4053123-BLK1)				Prepared: 3	31-May-24 A	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: 3	31-May-24 A	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: 1-Chlorooctadecane	69.2		mg/kg	50.0		138	49.1-148			
LCS Dup (4053123-BSD1)				Prepared: 3	31-May-24 A	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: 3	31-May-24 A	Analyzed: (03-Jun-24			
GRO C6-C10	ND	10.0	mø/kø							

Blank (4053124-BLK1)				Prepared: 31-Ma	ay-24 Analyzed: ()3-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	45.5		mg/kg	50.0	91.1	48.2-134	
Surrogate: 1-Chlorooctadecane	42.6		mg/kg	50.0	85.2	49.1-148	

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



P.C	C International, Inc. D. Box 805 bbs 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	
-----	--	-------------------------------------	--	------------------------------	--

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 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	5	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			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



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	Reported: 28-Jun-24 14:15
--	--	------------------------------

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			

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 ar 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. 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 su claim is based to be performed by client the amount be performed except in full with written approval of Cardinal Liopatorities.

Celey D. Keene, Lab Director/Quality Manager



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	Reported: ; 28-Jun-24 14:15
--	--	--------------------------------

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 4060302 - General Prep - Organics										
Blank (4060302-BLK1)				Prepared &	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	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 &	Analyzed:	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 &	Analyzed:	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	
Surrogate: 1-Chlorooctane	54.0		mg/kg	50.0		108	48.2-134			
Surrogate: 1-Chlorooctadecane	58.1		mg/kg	50.0		116	49.1-148			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24) 575-397-0397 **Received By** Received By GROUNDWATER Sample Condition Cool Intact Ves Pres auro 10/04/23 WASTEWATER MATRIX SOIL OIL SLUDGE State: Phone #: City: OTHER Address: Fax #: and ACID/BASE PRESERV ICE / COOL CHECKED BY: OTHER Zip 5/23/24 5/23/24 5/23/24 5/23/24 5/23/24 5/23/24 5/23/24 5/23/24 5/23/24 5/23/24 DATE SAMPLING Fax Result: REMARKS: 9:25AM 9:43AM 12:08PM 11:52AM 11:35AM 11:16AM 10:56AM 10:41AM 10:21AM 10:06AM Phone Result: TIME * Custoner requested Date le aug 10 chancles to c/26/24 ride 0 Yes ٩ 5 5 5 5 5 < ٩, No Add'l Phone # Add'l Fax #:

Received by OCD: 2/7/2025 8:00:07 PM

Delivered By:

(Circle One

2

212

K.KS

9.4

(Initials) B

Sampler - UPS - Bus - Other:

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

#140

Relinquished By

5-31-24

LEASE NOTE

SP 1@4 SP 1@3 SP 1@2" SP 1@1'

SP 1@5

Relinquished B

Page 122 of 345

city: Hobbs

Address: P.O. Box 805 Project Manager: Cliff Brunson Company Name: BBC International, Inc.

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

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

Phone #: 575-397-6388

Project #:

Project Owner: Oxy

Fax #:

State: NM

Zip: 88241

Attn: Company:

Oxy

P.O. #:

BILL TO

ANALYSIS

REQUEST

Project Location: New Mexico

Sampler Name:

SIMON RENDAN

OR LAB USE ONLY

Lab I.D.

Sample I.D.

GIRAB OR (C)OMP

CONTAINERS

5002X

SP N@ SURFACE

SP 1@SURFRACE SP S@SURFACE SP W@SURFACE

Page 97 of 105

				93-2476	fax written changes to 505-39	† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	+
				AF.	No No	Sampler - UPS - Bus - Other: #140	Samp
				(Initials)	Cool Intact	Delivered By: (Circle One) -Q. U	Deli
Cuanzes to 6/26/24	ans	·w			Connar	Strong theme the 3	
in requirer in	24	usi	* 0		Received By:	111 Date: 31-24	Reline
have a Date			REMARKS	M	and mond	WW OOLS V STORE	0
□ No Add'l Phone #: □ No Add'l Fax #:	□ Yes	ult	Phone Result: Fax Result:	Ca	Received By:	Relinquished By: Date:	Relin
			client, its subsidiarie asons or otherwise	e or losy chorofits incurred by client. Its subsidiaries pon ally of he above stated reasons or otherwise	without limitation, business interruptions, loss of use ardinal, repardless of whether such claim is based u	ervice. In no event shall Cardinal be liable for incidential or consequential damages, including without limitation, business interruptions, loss of use, or log filtialities or successors arrained out of or related to the performance of services hereunder by Cardinal, reparduess of whether such claim is based upon a	affiliates o
		he	id by the client for the	all be limited to the amount parts of the first parts of the limited to the amount parts of the second seco	ly and client's exclusive remedy for any claim aniang whether based in contract or fort, shall be limited to the amount paid by the client for the ny other cause whatsoewer shall be deemed waived unless made in writing and received by Cautinal within 30 days after conclusion of the c	PLEASE NOTE: Liability and Damages. Cardinul's liability and client's exclusive remedy for any cliam aniong whether based in contract or tort, shall be limited to the amount paid by the client for the annious paid by the client for the	PLEASE
	٩	<	3:21PM	5/23/24		7.) SP 3@3'	Γ
•	٩	<	3:04PM	5/23/24		14 SP 3@2'	
•	5	٩	2:43PM	5/23/24		SP 3@1'	
•	2	<	2:26PM	5/23/24		SP 3@SURFACE	
<	<	<	2. IOPINI	5/23/24 2.10PM			

ompany Nam	Company Name: BBC International, Inc.	I, Inc.		BI	BILL TO					ANALYSIS REQUEST
Project Manager:	er: Cliff Brunson			P.O. #:			_	-	-	
Address: P.O. Box 805). Box 805			Company:	Oxy			_		
city: Hobbs		State: NM	A zip: 88241	Attn:				-		
Phone #: 575-397-6388	-397-6388	Fax #: 5	575-397-0397	Address:				_		
Project #:		Project Owner: Oxy	mer: Oxy	City:			_			
oject Name:	CEDAR CANYON WTF	7/15/22,7/2	Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	State:	Zip:					
roject Locatic	Project Location: New Mexico		+ 10/04/23	Phone #:			9	_		
Sampler Name:	SIMON RENDAN	Z	11.1	Fax #:			h	-		
FOR LAB USE ONLY			RS	PRESERV	SAMPLING	ING	onic	EX	EXI	
Lab I.D.	Sample I.D.		(G)RAB OR # CONTAINI GROUNDW, WASTEWAT SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER :	DATE	TIME	ch	BI	ILH	
17 12	SP 2@SURAFCE		-	7-	5/23/24	12:47PM	<	<	-	
7	SP 2@1'				5/23/24	1:08PM	<	-	-	
24	SP 2@2'				5/23/24	1:23PM	٩	<	-	
J	SP 2@3'				5/23/24	1:37PM	٩	۲ ۲	-	
ΞŪ	SP 2@4'				5/23/24	1:56PM	<	•	-	
NEW	SP 2@5'				5/23/24	2:16PM	<	•	-	
EVER	SP 3@SURFACE				5/23/24	2:26PM	<	۲	-	
DENER	SP 3@1'				5/23/24	2:43PM	<	<	-	
anever	SP 3@2'				5/23/24	3:04PM	•	•	-	
WIN SLEE					5/23/24	3:21PM	•	•	-	

Page 98 of 105

Q

Page 99 of 105

Released to Imaging: 2/10/2025 8:34:02 AM

Оху	
Zip:	
SAMPLING	EX
DATE TIME BTEX	TPHE
5/23/24 3:38PM 🗸 🖌	
5/23/24 3:55PM 🗸 🖌	<
	<
5/24/24 9:47AM	·
5/24/24 10:11AM	< ···
5/24/24 10:25AM	<
5/24/24 10:42AM /	•
5/24/24 11:00AM	<
5/24/24 11:18AM J	•
5/24/24 11:34AM v v to the annuot paid by the cleant for the within 30 days after completion of the applicable	
Phone Result: 2 Yes Fax Result: 2 Yes REMARKS: 4 11540	Autores I No Add" Phone #: lesult: I Yes I No Add" Phone #: UI: Yes No Add" Fax #: (S: (S: (S: (S: (S: (S: (S: (S
	2025 to - 6/26/24
	y sampling TIME DATE TIME 23/24 3:38PM 23/24 3:35PM 23/24 9:30AM 24/24 10:11AN 24/24 10:11AN 24/24 10:11AN 24/24 10:11AN 24/24 11:40AN 30 days ala

Released to Imaging: 2/10/2025 8:34:02 AM

Company Name:	BBC International, Inc.		BILL TO		ANALYSIS REQUEST
Project Manager:	Project Manager: Cliff Brunson		P.O. #:		
Address: P.O. Box 805	Box 805		Company: Oxy		
city: Hobbs	State:	NM zip: 88241			
Phone #: 575-3	575-397-6388 Fax #:	575-397-0397	Address:		
Project #:	Project O	Project Owner: Oxy	City:	2	
Project Name: CE	CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	22/22,8/25/22,2/25/23,3/6/24)	-		
Project Location:	New Mexico	V Auto	Phone #:	ic	
Sampler Name:	SIMON RENDAN	cz/Halol X	-		
FOR LAB USE ONLY	Sample I.D.	INERS WATER ATER MATRIX	m	hlo EX HEX	
H2U 20 U 3		# CONT	OTHER ACID/B. ICE / CO OTHER DATE	TIME	
	SP 5@2'	1	~	12:02PM / / /	
22	SP 5@3'	-	5/24/24	12:46PM 🗸 🖌 🗸	
200	SP 6@SURFACE		5/24/24	< .	
20	SP 6@1'		5/24/24	<	
	SP 6@2'		5/24/24	•	
	SP 6@3'		5/24/24	2:31PM / / /	
2 S	SP 6@4'		5/24/24	٩	
A des	SP 6@5'		5/24/24	•	
LEASE NOTE: Liability and Dama mayses. All claims including those envice. In no event shall Cardinal b event.	ges Cardinal's liability and client's exclusive rem for negligence and any other cause whatsoever e liable for incidental or consequental damages.	edy for any claim arising whether based in contract or bot shall be deemed waived unless made in writing and recei- including without imitation, businees interruptions, logs of	shall be imited to the amount red by Cardinal within 30 days use, or loss of profits incurred	paid by the client for the after completion of the applicable by client, its subsidiaries,	
Relinquished By: Relinquished By: Relinquished By: Delivered By: (Circle One) Sampler - UPS - Bus - Other	Circle One) -Q. 4 Bus - Other: + 117	Received By: 24 Received By: 24 Received By: 20 Sample Condition Cool Intact	CHECKED BY: (Initials)	Phone Result: "Yes "No Add Fax Result: "Yes "No Add REMARKS: Chauses -	· Add" Phone #: Add" Fax #: ~ regrested Date

Page 100 of 105

Released to Imaging: 2/10/2025 8:34:02 AM

	DDC International, Inc.		BILL TO		AN	ANALYSIS REQUEST
Project Manager: Cliff Brunson	ISON	q	P.O. #:	_	-	
Address: P.O. Box 805		0	Company: Oxy			
city: Hobbs	State: NM 2	Zip: 88241 A				
Phone #: 575-397-6388	Fax #: 575-3	575-397-0397 A	Address:			
Project #:	Project Owner: Oxy		City:			
Project Name: CEDAR CANYON WTF	ON WTF (7/15/22,7/22/22,8	22,2/25/23,3/6/24)	State: Zip:			
Project Location: New Mexico	00	× infrulza PI	e #	e		
Sampler Name: SIMON F	SIMON RENDAN		Fax #:	d	-	
OR LABUSE ONLY		S ER	PRESERV. SAMPLING	nu X	ÉXI	
	Sample I.D.)RAB OR (C CONTAINER ROUNDWAT ASTEWATE DIL L UDGE THER :	CID/BASE: E / COOL THER :	Chl	PH	
39 SP 7@SURFACE			A 2 0 5/28/24	9:20AM	<	
			-	9:42AM / /	< ·	
UI SP 7@2'			5/28/24	9:58AM	<	
SP 8@SURFACE	REACE		PC/96/12	10.22PM	<	
_				11:12AM		
			5/28/24	11:37AM	•	
46 SP 8@3'			5/28/24	12:03PM	<	
	RFACE		-	12:48PM / /	•	
LEASE NOTE: Liability and Damages. Cardinal's kability and client's enables with the cause of th	ability and client's exclusive remedy for any claim nd any other cares whatsoawer shall be deemed	1	T shall be limited to the amount paid	by the client for the		
ce In no event shall Cardinal be liable for incider tes or successors arising out of or related to the p	al damages, including w vices hereunder by Car	limi)	evaluation of the second se	completion of the applicable ent, its subsidiaries, ons or otherwise.		
Relinquished By:		Received By:	lona	Phone Result: Fax Result: Yes REMARKS: Yes	Yes INO Ad	In No Add' Phone #: s I No Add' Fax #:
Delivered By: (Circle One)	- Q. 4	Sample Condition	CHECKED BY:	Cha	uses	40. 4/26/24

Page 101 of 105

589

Page 102 of 105

Received by	, OCD :	2/7/2025	8:00:07	PM
-------------	----------------	----------	---------	----

Company Name:	BBC International, Inc.		BILL TO		ANALYSIS REQUEST
Project Manager:	r: Cliff Brunson		P.O. #:		
Address: P.O. Box 805	Box 805		Company: Oxy		
city: Hobbs	State: NM	zip: 88241	Attn:		
Phone #: 575-397-6388	Fax #:	5-397-0397	Address:		
Project #:	Project Owner: Oxy		City:	_	
Project Name: C	CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	-	State: Zip:	te	
Project Location:	1: New Mexico	-	8#	io	
Sampler Name:	SIMON RENDAN	coludat	Fax #:	A	
FOR LAB USE ONLY		IERS /ATER	m	Non	HE
Lab I.D.	Sample I.D.	(G)RAB OR # CONTAIN GROUNDW WASTEWA SOIL OIL SLUDGE	OTHER : ACID/BASE ICE / COOL OTHER : DATE	TIME	18
La	SP 9@2'	61 4		< <	
g	SF 9@3		-	~ ~	<
V Q	SP 10@SURFACE		5/28/24	1:54PM 4 4	
S	SP 10@2'		-	2:29PM / /	
8	SP 10@3'		5/28/24	2:41PM / /	
25	SP 11@SURFACE		5/28/24	2:54PM / /	•
\$	SP 11@1'		5/28/24	3:07PM / /	•
r 2	SP 11@2'		5/28/24	3:16PM / /	
LEASE NOTE: Lubility an nalytes. All claims includin	client's exclusive ren	redy for any claim aroung whether based in constant or red, shall be imited to the amount pold by the claim for the shall be deemed waked unless made is writing and received by Cardinal within 30 days after completion of the applicable	r tort, shall be limited to the amount paid eceived by Cardinal within 30 days after	by the client for the completion of the applicable	-
affiliates or successors arisin Relinguished By	g out of or related to the performance of services hereunder	Cardinal regardless of whether such claim	is based upon any of the above stated reas	above stated reasons or otherwise Phone Result: Ves	No Add'l Phone #:
1	Timeseno	in Spral	Heno	REMARKS:	
Jara	W Long Times 21-24	- 1 1		Chang	Changes in 1/24/24
Delivered By:	(Circle One) _(Sample Condition Cool Intact	Initials)		

Page 103 of 105

Received by	OCD: 2/7/2025	8:00:07 PM	

Company Name:	ne: BBC International Inc.		BILL TO		ANALVSIS DEDILEST
Project Manager:			P.O. #:		
Address: P.O. Box 805	0		Company: Oxy		
city: Hobbs	State: NM	Zip: 88241			
Phone #: 575-397-6388	-	5-397-0397	Address:		
Project #:	Project C	Project Owner: Oxy	City:	2	
roject Name:	Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)		State: Zip:		
Project Location:	on: New Mexico	¥ 10/04/23 F	#	6	
Sampler Name:	SIMON RENDAN	1 abre	Fax #:	Ń	<u>X</u> .
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE	ACID/BASE: PRESERV CE / COOL SERV DTHER : V DATE	Chlon	TPHE
Sai	SP 12@SURFACE	7	5	< <	<
63	SP 12@1'		5/29/24	< <	
61	SP 12@2'		5/29/24	10:03AM	< · ·
20	SP 12@3		5/29/24	10:19AM	
63	SP 13@SURFACE		5/29/24	10:36AM	
A	SP 13@1'		5/29/24	10:55AM / /	<
	SP 13@2'		5/29/24	11:20AM	•
5	SP 13@4'		5/29/24	12:03PM	
80)	SP 13@5'		5/29/24		
LEASE NOTE: Liability a nalyses: All claims: includ ervice: In no event shall (filiates of successors aris	Utify and Clamages Cardonit's lability and client's exclusive rem including those for negligence and any other clause whatsoever a shull Cardinal be liable for incidental or consequential damages, it as anising out of or related to the performance of services hereum as anising out of or related to the performance.	sive remedy for any claim among whether based in contract or ford shall be limited to the annual paid by the claim! for the absorver shall be deemed varived unless made in writing and neewed by Cardonal within you do variant encompletion of the applicable amages, including without limitation, business interruptions, loss of use, is logs of picits neuroid by client. It is subscarrent is hierardet by Cardonal reported so withither soft claim is based upon whether above states transvise to the even is hierardet by Cardonal reported or withither soft claim is based upon whether transvise transvises or the even in the transvise of the soft soft of the soft o	Or tort shall be limited to the amount past by the client for the directived by Cantonal within 30 days after completion of the a loss of use, or logs of politis nouried by client. Its subsidiaries is based upon and this above states it assocs to observe a based upon and this above states it assocs to observe.	id by the client for the tr completion of the applicable client. Its subsidiaries, action or observice	
Relinquished By Relinquished By	bate: 5-31- 5-31- Date: 5-31- Date: 5-31-	Received By:	Herro	Phone Result: " Yes Fax Result: " Yes REMARKS: # Custor	" No Add" Phone #: No Add" Fax #:
Delivered By Sampler - UPS	Sampler - UPS - Bus - Other: 4 1116	Sample Condition Cool Intact	n CHECKED BY: (Initials)	Chauses	telorelor on st

Page 104 of 105

Received	by	OCD:	2/7/2025	8:00:07 PM	1

Project Manager Otter D		BILL TO	ANALYSIS REQUEST
Project Manager: Cliff Brunson	P.O. #:		
Address: P.O. Box 805	Company:	INY: Oxy	
city: Hobbs State: NM	Zip: 88241		
Phone #: 575-397-6388 Fax #:	5-397-0397	S	
Project #: Project O			
Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	-	Zip:	
Project Location: New Mexico	* infritas Phone #:		-
Sampler Name: SIMON RENDAN	calador		1
TOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	X
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE:		DELX
UG SP 14@SURFACE	7	5/29/24 12	
Č.			
'TI SP 14@2'			
		5/29/24 1:40PM	
		5/29/24 1:53PM	· · · · · · · · · · · · · · · · · · ·
14 SP 15@1		5/29/24 2:05PM	· ·
		5/29/24 2:18PM	•
		5/29/24 2:34PM	
78 SP 16@3URFACE		5/29/24 2:47PM	•
LEASE NOTE: Liability and Damages. Cardinal's lability and client's exclusive remed maynes. All Claims including those for negligence and any other cause enabspever sh nervez. In no event-shall Cardinal be liable for incidential or consequential damages. Inc. Manual Cardinal Cardinal Science (Cardinal Science). Cardinal Science (Cardinal S	b) for any claim arising whether based in contract or fart, shall be in all be deemed waived unless made in writing and received by Card cluding without limitation, business interruptions, loss of use, or layer	whed to the amount paid mail within 30 days after of profits incurred by ci	
Relinquished By: 5-3/-2 Timg:00	* Received By: Janal Ho	A Phone Result:	Yes [
Relinquished By: 1 Date: - 24	Received By:	* ~	stoner requested 10
Delivered By: (Circle One)			meges 40. 6/26/24
Sampler - UPS - Bus - Other:	Cool Intact	(Initials)	

Company Name: BBC International, Inc.		BILL TO		
Project Manager: Cliff Brunson				ANALISIS REQUEST
Address: P.O. Box 805		Company: Oxy		
city: Hobbs State: NM	M Zip: 88241			
Phone #: 575-397-6388 Fax #: 5	Ċ1	Address:		
Project #: Project Owner: Oxy	mer: Oxy	_		
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	-		
Project Location: New Mexico	K Anh	Phone #:	4	
Sampler Name: SIMON RENDAN	coloolor v.	-	iel T	
Lab I.D. Sample I.D.	G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL DIL BLUDGE	DTHER : PRESERV. ACID/BASE: PRESERV. DTHER : DTHER : DTHER : DTHER :	TIME .	
10 SP 16@2		5/29/24 3:	3:12PM / / /	
SD SP 16@3'	7	5/29/24 3:	3:25PM 🖌 🖌	
NLEASE MOTE: Liabling and Damages Candral's labelity and clearce exclusive remedy 5 analyses. All clears including those for negligance and any othe cales whatboever shall service. In no event shall Cardrail be liable for incidental or consequential damages, includ- atifiantes or successors arising out of or reliabled to the performance of services theirandur to Relinquished By: Date:	ade in w ss inter	anified to the amount paid of a within 30 days after a of profits incurred by cl y of the above stated rear	T Yas	A Jule Obvious B:
Circle One) Bus - Other:	Received By: Received By: Received By: Cool Intact Cool Intact Cool Intact Cool Intact Pres Pres	CHECKED BY: (Initials)	Phone Result: "Yes " No Fax Result: "Yes " No REMARKS: Claustone Claustone	esult: "Yes "No Add" Phone #: Ustomer Juguested Tau Chauses 40. 6/24/24



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_accred_certif.html.

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

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

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

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Reported: 28-Jun-24 14:29
--	---	------------------------------

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

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

٦



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:2	29
				@SURFA 259-01 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
<u>Inorganic Compounds</u> Chloride	976		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80	21								
Benzene*	< 0.050		0.050	mg/kg	50	4060734	ЛН	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060734	ЛН	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060734	ЛН	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060734	ЛН	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060734	ЛН	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		99.0 %	71.5	-134	4060734	ЛН	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			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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: ?8-Jun-24 14::	29
				P 33@1'						
			H243	259-02 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	480		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 80	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060734	ЛН	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	ЛН	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		97.7 %	71.5	-134	4060734	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*	<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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:	29
				2 33@2' 259-03 (So	sil)					
			11245	237-03 (30	лт <i>у</i>					
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	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 80	21								
Benzene*	< 0.050		0.050	mg/kg	50	4060734	JH	08-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060734	ЛН	08-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060734	ЈН	08-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060734	ЛН	08-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060734	ЛН	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		97.5 %	71.5	-134	4060734	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*	<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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Nun Project Mana	nber: 7/1. ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 14:2	29
				P 33@3' 259-04 (Se	nil)					
			11245	237-04 (50	511 <i>)</i>					
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 8	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 (PIL))		98.1 %	71.5	-134	4060734	ЛН	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			106 %	48.2	-134	4060715	ms	07-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			119 %	49.1	-148	4060715	ms	07-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	,								Reported: ?8-Jun-24 14::	29
				@SURFA						
			H243	259-05 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	4880		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	3021								
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 (PIL))		97.9 %	71.5	-134	4060734	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*	<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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241									Reported: 28-Jun-24 14:	29
				P 34@1'						
			H243	259-06 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	864		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 80	21								
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)		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241									Reported: 28-Jun-24 14:	29
				P 34@2'						
			H243	259-07 (So	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	1330		16.0	mg/kg	4	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80	021								
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)		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	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	•								Reported: 28-Jun-24 14:2	29
				P 34@3'	- 31)					
			H243	259-08 (So)11)					
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	4061101	HM	11-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	1								
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	ЈН	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	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	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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								Reported: 28-Jun-24 14:29			
				2 34@4' 259-09 (So	nil)							
					,,,,							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l 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 8	021										
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	ЛН	08-Jun-24	8021B			
Surrogate: 4-Bromofluorobenzene (PII	D)		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			

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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								Reported: 28-Jun-24 14:29			
				P 1@6' 259-10 (Se	sil)							
			11245	237-10 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
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 8	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))		113 %	71.5	-134	4060735	ЛН	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			115 %	48.2	-134	4060715	ms	08-Jun-24	8015B			
Surrogate: 1-Chlorooctadecane			129 %	49.1	-148	4060715	ms	08-Jun-24	8015B			

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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								Reported: 28-Jun-24 14:29			
				P 1@7'								
			H2432	259-11 (So	oil)							
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	4061101	HM	11-Jun-24	4500-Cl-B			
Volatile Organic Compounds	by EPA Method 8	021										
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 (PII))		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			

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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								Reported: 28-Jun-24 14:29		
				P 1@8' 259-12 (Se	nil)						
			11243	237 12 (5	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
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	4061101	HM	11-Jun-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 8	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 (PII))		105 %	71.5	-134	4060735	ЛН	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Project Nur Project Nur Project Man Fa	Reported: 28-Jun-24 14:29						
			SP 2@6' 5259-13 (So	sil)					
		1124.	239-13 (30)11)					
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardin	al Laborat	tories					
Inorganic Compounds									
Chloride	832	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	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	-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	-134	4060715	ms	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane		115 %	49.1	-148	4060715	ms	08-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

٦



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						Reported: 28-Jun-24 14:29		
			S	P 2@7'						
			H243	259-14 (So	oil)					
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	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80	21								
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	ЈН	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		114 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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							29
			SP 2@8'						
			H243259-15 (Se	oil)					
Analyte	Result	Report MDL Limi	ing t Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Ca	ardinal 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 802	1							
Benzene*	< 0.050	0.05	0 mg/kg	50	4060735	JH	08-Jun-24	8021B	
Toluene*	< 0.050	0.05	0 mg/kg	50	4060735	JH	08-Jun-24	8021B	
Ethylbenzene*	< 0.050	0.05	0 mg/kg	50	4060735	JH	08-Jun-24	8021B	
Total Xylenes*	< 0.150	0.15	0 mg/kg	50	4060735	ЛН	08-Jun-24	8021B	
Total BTEX	< 0.300	0.30	0 mg/kg	50	4060735	ЛН	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)	1	06 % 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		1	12 % 48.2	-134	4060719	MS	07-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane		1	10 % 49.1	-148	4060719	MS	07-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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							Reported: 28-Jun-24 14:29		
				P 3@6'	.1)					
			H243	259-16 (So)II)					
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	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	ЛН	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	ЛН	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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								Reported: 28-Jun-24 14:29		
				P 3@7'							
			H2432	259-17 (So	oil)						
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	4061038	AC	10-Jun-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 80	21									
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)		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	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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							Reported: 28-Jun-24 14:29		
				P 3@8'	.9)					
			H243	259-18 (So)))					
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 8	021								
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)		107 %	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			120 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			118 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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							Reported: 28-Jun-24 14:29		
			S	P 4@6'							
			H2432	259-19 (So	oil)						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l 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 802	21									
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	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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							Reported: 28-Jun-24 14:29		
			S	P 4@7'							
			H2432	259-20 (So	oil)						
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	4061038	AC	10-Jun-24	4500-Cl-B		
Volatile Organic Compound	s by EPA Method 802	1									
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)		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	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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							Reported: 28-Jun-24 14:29		
				P 4@8'						
			H2432	259-21 (Se	oil)					
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	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds I	by EPA Method 8	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	ЈН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805	Project Number:	CEDAR CANYON WTF 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

	Reporting		Spike	Source		%REC		RPD	
Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
			Prepared &	Analyzed:	10-Jun-24				
ND	16.0	mg/kg							
			Prepared &	z Analyzed:	10-Jun-24				
416	16.0	mg/kg	400		104	80-120			
			Prepared &	Analyzed:	10-Jun-24				
432	16.0	mg/kg	400		108	80-120	3.77	20	
			Prepared &	Analyzed:	11-Jun-24				
ND	16.0	mg/kg							
			Prepared &	Analyzed:	11-Jun-24				
416	16.0	mg/kg	400		104	80-120			
			Prepared &	Analyzed:	11-Jun-24				
448	16.0	mg/kg	400		112	80-120	7.41	20	
	ND 416 432 ND 416	Result Limit ND 16.0 416 16.0 432 16.0 ND 16.0 432 16.0 416 16.0 416 16.0	Result Limit Units ND 16.0 mg/kg 416 16.0 mg/kg 432 16.0 mg/kg ND 16.0 mg/kg 416 16.0 mg/kg 16.0 mg/kg 16.0	ResultLimitUnitsLevelPrepared &ND16.0mg/kg41616.0mg/kg400Prepared &43216.0mg/kg43216.0mg/kgPrepared &Prepared &16.0mg/kg400Prepared &Prepared &16.0mg/kg400Prepared &Prepared &16.0mg/kg400Prepared &Prepared &16.0mg/kg400	Result Limit Units Level Result Prepared & Analyzed: Prepared & Analyzed: ND 16.0 mg/kg 416 16.0 mg/kg 432 16.0 mg/kg Prepared & Analyzed: Prepared & Analyzed: 432 16.0 mg/kg Prepared & Analyzed: Prepared & Analyzed: 416 16.0 mg/kg Prepared & Analyzed: Prepared & Analyzed: ND 16.0 mg/kg Prepared & Analyzed: Prepared & Analyzed:	Result Limit Units Level Result %REC Prepared & Analyzed: 10-Jun-24 ND 16.0 mg/kg Prepared & Analyzed: 10-Jun-24 416 16.0 mg/kg 400 104 Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 104 416 16.0 mg/kg 400 108 Prepared & Analyzed: 11-Jun-24 MD 16.0 mg/kg 400 108 Prepared & Analyzed: 11-Jun-24 MD 16.0 mg/kg 400 104 Prepared & Analyzed: 11-Jun-24 MD 16.0 mg/kg 400 104 Prepared & Analyzed: 11-Jun-24 MD 16.0 mg/kg 400 104 Prepared & Analyzed: 11-Jun-24	Result Limit Units Level Result %REC Limits Prepared & Analyzed: 10-Jun-24 ND 16.0 mg/kg Prepared & Analyzed: 10-Jun-24 416 16.0 mg/kg 400 104 80-120 Prepared & Analyzed: 10-Jun-24 Prepared & Analyzed: 10-Jun-24 80-120 108 80-120 416 16.0 mg/kg 400 108 80-120 Prepared & Analyzed: 10-Jun-24 432 16.0 mg/kg 400 108 80-120 Prepared & Analyzed: 11-Jun-24 ND 16.0 mg/kg Prepared & Analyzed: 11-Jun-24 416 16.0 mg/kg 400 104 80-120 Prepared & Analyzed: 11-Jun-24 416 16.0 mg/kg 400 104 80-120 Prepared & Analyzed: 11-Jun-24	Result Limit Units Level Result %REC Limits RPD Prepared & Analyzed: 10-Jun-24 ND 16.0 mg/kg </td <td>Result Limit Units Level Result %REC Limits RPD Limit Prepared & Analyzed: 10-Jun-24 ND 16.0 mg/kg Prepared & Analyzed: 10-Jun-24 </td>	Result Limit Units Level Result %REC Limits RPD Limit Prepared & Analyzed: 10-Jun-24 ND 16.0 mg/kg Prepared & Analyzed: 10-Jun-24

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project Number: 7/ Project Manager: Cli		Reported: 28-Jun-24 14:29
Hobbs NM, 88241	, ,	iff Brunson 675) 397-0397	

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

Amolyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Analyte	Kesult	Limit	Units	Level	Kesulí	%KEU	Limits	KPD	Limit	inotes
Batch 4060734 - Volatiles										
Blank (4060734-BLK1)				Prepared: 0	7-Jun-24 A	nalyzed: 08	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: 0	7-Jun-24 A	nalyzed: 08	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: 0	7-Jun-24 A	nalyzed: 08	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

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 4060735 - Volatiles										
Blank (4060735-BLK1)				Prepared: 0)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: 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			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 14:29
--	-------------------------------------	--	------------------------------

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal	Laboratories
----------	--------------

Analis	D 1	Reporting	IT '/	Spike	Source	0/850	%REC	DDD	RPD	ът
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4060715 - General Prep - Organics										
Blank (4060715-BLK1)				Prepared &	Analyzed:	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 &	Analyzed:	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 &	z Analyzed:	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			

Blank (4060719-BLK1)				Prepared & Ana	lyzed: 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	

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



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 Project Manager: Cliff Brunson Fax To: (575) 397-0397	Reported: 28-Jun-24 14:29
--	---	------------------------------

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										
LCS (4060719-BS1)				Prepared &	Analyzed:	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 &	Analyzed:	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			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUES

Company Name:	BBC International, Inc.		BILL TO				ANALYSIS REQUEST
Project Manage	Project Manager: Cliff Brunson	7	P.O. #:		-	_	
Address: P.O. Box 805	Box 805	0	Company: Oxy		-	_	
city: Hobbs	State: NM	Zip: 88241				_	
Phone #: 575-397-6388	Fax #:	-0397	Address:		_	_	
Project #:	õ		City:		_		
Project Name: (Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)		State: Zip:		d		
Project Location:	1: New Mexico	10/4/22 P			do	_	
Sampler Name:	SIMON RENDAN	R	Fax #		en	_	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	ING	ch+		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :		TIME	BTEX TPH e	Chlorio	
-	SP 33@Surface	1	1	10:50AM		<	
2	SP 33@1'		6/5/24	11:12AM	<	< .	
-u	SP 33@2'		6/5/24	11:25AM	•	•	
10	NF 33(0)3		6/5/24	11:40AM	•	<	
2	SP 34@41		6/5/24	11:52AM	•	٩	
	SP 34@2'		6/5/24	12:06PM		. <	
8	SP 34@3'		6/5/24	1:03PM		• •	
ē	SP 34@4'		6/5/24	1:14PM	•	、	
TE Liability	and Damages Cardinal's liability and client's exclusive remedy for and Damages Cardinal's liability and client's exclusive remedy for	any claim ansing whether based in contract or tort. s	ort shall be limited to the amount pa	1:30PM d by the client for the			
d B	Inal be liable for incidential of consequential damages, out of operating to the performance of services herein Date: 	without imitation, business internutions, rdinal, regardless of whether such caam Received By:	to solid use, or icas of priviles outputsion of the a loss of use, or icas of priviles active the above stated reasons or otherwise is based upported the above stated reasons or otherwise Fax Result:	Phone Result:	t: I Yes	S I NO	Add'l Phone #: Add'l Fax #:
Reimquished By:	Circle One) - 14 .0	Received By: Mouro Sample Condition Cool Intact Dres Bres	CHECKED BY:	* project	project		ere. Stadiguert in-an-an
+ Cardinal cannot accont vorbal channes places for written channes to pop and							

Received by OCD: 2/7/2025 8:00:07 PM

Project Manager: Cliff Brunson		P.O. #			ANALYSIS REQUEST
Address: P.O. Box 805		Company: Oxy			
city: Hobbs State: NM	M zip: 88241				
Phone #: 575-397-6388 Fax #: 5	575-397-0397	Address:			
Project #: Project Owner: Oxy	wner: Oxy	City:			
Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	22/22,8/25/22,2/25/23,3/6/			d	
Project Location: New Mexico	10(4)33	Phone #:		de	
Sampler Name: SIMON RENDAN	18×	Light and		en	
FOR LABUSE DALY	MATRIX		LING		
Lab I.D. Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER : ACID/BASE ICE / COOL OTHER : DATE	TIME	BTEX TPH en Chlorid	
SP 1@7'	-	5	-	~ ~ ~	
17 SP 1@8'	-	1 6/5/24	1:56PM	< < <	
3 SP 2@6'		6/5/24	2:05PM		
14 SP 2@7'		6/5/24	2:14PM	٩	
		6/5/24	2:29PM	•	
2		6/5/24	2:37PM	<	
[] SP 3@7'		6/5/24	2:45PM	< < <	
I) SP 3@8'		6/5/24	2:53PM	< < <	
19 SP 4@6'		6/5/24	3:05PM	• • •	
PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remed	V for any claim arising whether based in cor	ntract or tort, shall be limited to the amount of	3:14PM	1 1 1	
anaiyses All claims inclusing those for negligence and any other cause whatevery su service. In no event shall Candnab be liable for ingelental or consequental damages, inc affiliates or superSchwarzeno out of or related to the neurona of services hereione affiliates or superSchwarzeno out of or related to the neurona.	all be deemed waived unless made in writin buding without limitation, business interrupt	made in writing and received by Cardinal within 30 days after completion of the applicable mess intemptions, loss of rise, or post of politis incurred by client, its subsidiaries,	nal within 30 days after completion of the a of profits incurried by client, its subsidiaries	applicable es	
Relinquished By:	24 Received By:	thank	Phone Result: Fax Result: REMARKS:	ult: Ves	No Add'l Phone #: No Add'l Fax #:
Relinquished By: Delivered By: (Circle One) _ U.O Sampler - UPS - Bus - Other:	Received By: A Received By: Color Condition Cool Intact Cool Intact Cool Intact	Adition CHECKED BY: ct (Initials)	x pro	stonner. 84	me connection per

Page 161 of 345

U

Phone #: 575-397-6388 city: Hobbs Project Manager: Cliff Brunson 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) State: Project #: Address: P.O. Box 805 Company Name: BBC International, Inc. Refinquisheo Relinquished By: LEASE NOTE: Sampler - UPS - Bus - Other: Delivered By: (Circle One) 12 BOUNDA Lab I.D. lyses All clam 2:43259 OR LAB USE ONLY + Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 2100 (505) 393-2326 FAX (505) 393-2476 101 East Marland, Hobbs, NM 88240 SP 4@8 SIMON RENDAN Sample I.D. 40 Project Owner: Oxy Fax #: 5 Dater for 1 Time: Q.N State: NM Time 575-397-0397 Zip: (G)RAB OR (C)OMP **Received By:** Received B # CONTAINERS 88241 GROUNDWATER Sample Condition Cool Intact Pres Pres No No No WASTEWATER 10/4/23 Phone #: 24 and MATRIX SOIL OIL SLUDGE P.O. #: City: Attn: OTHER Address: Company: ACID/BASE PRESERV. ICE / COOL CHECKED BY: 7 oss of prote BILL OTHER (Initials) Oxy Ð Zip 6/5/24 DATE SAMPLING 10 tays afte ID BY CIRCLE 3:23PM Fax Result REMARKS: * project norme collection Phone Result: TIME of the app < BTEY □ Yes TPH Extended < Chloride < I No ANALYSIS Add'l Phone #: Add'l Fax #: handly and REQUEST

ARDINAL LABORATORIES

Page 32 of 32



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_accred_certif.html.

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

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

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

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Reported: 28-Jun-24 15:38
--	--	------------------------------

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
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 10:24	06-Jun-24 16:51
SP 17 @ 3'	H243260-06	Soil	30-May-24 10:38	06-Jun-24 16:51
SP 17 @ 4'	H243260-07	Soil	30-May-24 10:53	06-Jun-24 16:51
SP 18 @ SURFACE	H243260-08	Soil	30-May-24 11:12	06-Jun-24 16:51
SP 18@ 1'	H243260-09	Soil	30-May-24 11:26	06-Jun-24 16:51
SP 18 @ 2'	H243260-10	Soil	30-May-24 11:42	06-Jun-24 16:51
SP 18 @ 3'	H243260-11	Soil	30-May-24 11:56	06-Jun-24 16:51
SP 18 @ 4'	H243260-12	Soil	30-May-24 12:12	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 14:40	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 21 @ 4'	H243260-27	Soil	30-May-24 15:35	06-Jun-24 16:51

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 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.

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:1	38
				16 @ 4 260-01 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
<u>Inorganic Compounds</u> Chloride	112		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	21								
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)		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: ?8-Jun-24 15:	38
				16 @ 5' 260-02 (So						
			112-10	200 02 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
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 Compound	s by EPA Method 80	21								
Benzene*	< 0.050		0.050	mg/kg	50	4060735	ЛН	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)		110 %	71.5	-134	4060735	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22,	2/25/23,:	2	Reported: 28-Jun-24 15:	38
) SURF 260-03 (So						
			112-10.	200 00 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	30000		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 80	21								
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)		114 %	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			104 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Project Nur Project Man	nber: 7/1! ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:3	38
			2 17 @ 1 260-04 (So						
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardin	al Laborat	ories					
Inorganic Compounds									
Chloride	4400	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	ЈН	08-Jun-24	8021B	
Ethylbenzene*	< 0.050	0.050	mg/kg	50	4060735	ЈН	08-Jun-24	8021B	
Total Xylenes*	< 0.150	0.150	mg/kg	50	4060735	ЛН	08-Jun-24	8021B	
Total BTEX	< 0.300	0.300	mg/kg	50	4060735	ЛН	08-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)	120 %	71.5	-134	4060735	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:Project Manager:Cliff BrunsonFax To:(575) 397-0397								38
		I	SP 17@2 1243260-05 (S						
Analyte	Result	Reportir MDL Limit	ug Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Ca	rdinal Labora	tories					
Inorganic Compounds									
Chloride	3520	16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	1							
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	ЈН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)	11	2 % 71.5	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		11	0% 48.2	2-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane		11	1% 49.1	-148	4060719	MS	08-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 15:38 Project Manager: Cliff Brunson 575) 397-0397 SP 17 @ 3' 3'									
				17 @ 5 260-06 (So							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	tories						
Inorganic Compounds						10 (1 0 0 0					
Chloride	464		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 8	021									
Benzene*	< 0.050		0.050	mg/kg	50	4060736	ЛН	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	ЈН	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PIL))		113 %	71.5	-134	4060736	ЛН	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			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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:Project Manager:Cliff BrunsonFax To:(575) 397-0397								
			SP 17 @ 4' 43260-07 (So	oil)					
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Card	inal Laborat	ories					
Inorganic Compounds Chloride	96.0	16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
			iiig/kg	4	4001058	AC	10-Juli-24	4300-СР-В	
Volatile Organic Compounds Benzene*			ma/Ira	50	4060736	Л	10-Jun-24	8021B	
Toluene*	<0.050 <0.050	0.050 0.050	mg/kg mg/kg	50	4060736	Л	10-Jun-24	8021B 8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4060736	л	10-Jun-24	8021B 8021B	
Total Xylenes*	<0.050	0.030	mg/kg	50	4060736	л	10-Jun-24	8021B	
Total BTEX	<0.150	0.100	mg/kg	50	4060736	Л	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL		120 9		-134	4060736	ЛН	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		102 9	% 48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane		98.9 9	% 49.1	-148	4060719	MS	08-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:Project Manager:Cliff BrunsonFax To:(575) 397-0397								38	
				ā) SURF 260-08 (So						
			11245	200-00 (50	,iii)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	15000		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	21								
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 (Ph	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:Project Manager:Cliff BrunsonFax To:(575) 397-0397								38	
				18 @ 1 260-09 (So						
			112 10		, n ,					
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	s by EPA Method 80	21								
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	ЈН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		113 %	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			111 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241								Reported: 28-Jun-24 15:	38	
				18 @ 2' 260-10 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	368		16.0	mg/kg	4	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	21								
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	ЛН	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	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			106 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			105 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15Project Manager:Cliff BrunsonFax To:(575) 397-0397								38	
				18 @ 3' 260-11 (So						
				()					
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	4061038	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 80	21								
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 (Pl	D)		112 %	71.5	-134	4060736	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 1Project Manager:Cliff BrunsonFax To:(575) 397-0397							Reported: 28-Jun-24 15:	38
				18 @ 4 260-12 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 802	1								
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 (Pl	D)		109 %	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			103 %	48.2	-134	4060719	MS	08-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	4060719	MS	08-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	Reported: 25/23,: 28-Jun-24 15:38					
				a) SURF 260-13 (So									
			11245	200-15 (50	,m)								
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes			
			Cardina	l Laborat	ories								
Inorganic Compounds													
Chloride	9900		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B				
Volatile Organic Compounds	s by EPA Method 80	21											
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	ЈН	10-Jun-24	8021B				
Surrogate: 4-Bromofluorobenzene (Pl	D)		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				

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReportedProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24Project Manager:Cliff BrunsonFax To:(575) 397-0397									38
				19 @ 1 260-14 (So						
					,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l 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 802	21								
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	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	(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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				19 @ 2 260-15 (So						
					,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	528		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	ЛН	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	ЛН	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060736	ЛН	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060736	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060736	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		112 %	71.5	-134	4060736	ЛН	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			129 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			139 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			9 19 @ 3 9260-16 (Se							
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
		Cardin	al Laborat	ories						
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 (Pl	(D)	107 %	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		134 %	48.2	-134	4060720	MS	10-Jun-24	8015B		
Surrogate: 1-Chlorooctadecane		139 %	49.1	-148	4060720	MS	10-Jun-24	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				19 @ 4' 260-17 (So						
)					
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 Compound	s by EPA Method 80)21								
Benzene*	< 0.050		0.050	mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060736	ЛН	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 (PL	ID)		106 %	71.5	-134	4060736	ЛН	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			117 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
) SURF 260-18 (So						
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	s by EPA Method 80	21								
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	ЛН	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)		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReporProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-2Project Manager:Cliff BrunsonFax To:(575) 397-0397								
			SP 20@ 1 H243260-19(S						
Analyte	Result	Report MDL Limi	ing t Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Ca	ardinal Labora	tories					
Inorganic Compounds									
Chloride	1380	16.0) mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	1							
Benzene*	< 0.050	0.05	0 mg/kg	50	4060736	JH	10-Jun-24	8021B	
Toluene*	< 0.050	0.05	0 mg/kg	50	4060736	JH	10-Jun-24	8021B	
Ethylbenzene*	< 0.050	0.05	0 mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total Xylenes*	< 0.150	0.15	0 mg/kg	50	4060736	JH	10-Jun-24	8021B	
Total BTEX	< 0.300	0.30	0 mg/kg	50	4060736	ЈН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)	1	12 % 71.5	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		1	19 % 48.2	2-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane		1.	22 % 49.1	-148	4060720	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				20 @ 2 260-20 (So						
			Reporting		,					
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	928		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	21								
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 (PL	D)		105 %	71.5	-134	4060736	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFRepoProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-Project Manager:Cliff BrunsonFax To:(575) 397-0397									38
				20 @ 3 260-21 (So						
				()					
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 Compound	s by EPA Method 802	21								
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 (Pl	(D)		103 %	71.5	-134	4060736	ЛН	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			118 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			128 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 15:38 Project Manager: Cliff Brunson 575) 397-0397 SP 20 @ 4' H243260-22 (Soil)											
			Reporting	200-22 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
			Cardina	l Laborat	ories							
Inorganic Compounds												
Chloride	64.0		16.0	mg/kg	4	4061022	HM	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	ЛН	10-Jun-24	8021B			
Surrogate: 4-Bromofluorobenzene (PID))		104 %	71.5	-134	4060736	ЛН	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			

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				a) SURF						
			H243.	260-23 (So)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	8400		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	1								
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	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		106 %	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			105 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			110 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project: CEDAR CANYON WTF F Project Number: 7/15/22,7/22/22,8/25/22,2/25/23,: 28- Project Manager: Cliff Brunson Fax To: (575) 397-0397									38
				21 @ 1 260-24 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	tories					
Inorganic Compounds										
Chloride	1380		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	21								
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	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		102 %	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			125 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:Project Manager:Cliff BrunsonFax To:(575) 397-0397								
			21 @ 2 260-25 (So						
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardin	al Laborat	ories					
Inorganic Compounds									
Chloride	1280	16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8021	l							
Benzene*	< 0.050	0.050	mg/kg	50	4060737	ЛН	10-Jun-24	8021B	
Toluene*	< 0.050	0.050	mg/kg	50	4060737	ЛН	10-Jun-24	8021B	
Ethylbenzene*	< 0.050	0.050	mg/kg	50	4060737	ЛН	10-Jun-24	8021B	
Total Xylenes*	< 0.150	0.150	mg/kg	50	4060737	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300	0.300	mg/kg	50	4060737	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)	104 %	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		125 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane		130 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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,: 28 Project Manager: Cliff Brunson 575) 397-0397									38
				21 @ 3' 260-26 (So						
)					
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 Compound	s by EPA Method 80)21								
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	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	PID)		109 %	71.5	-134	4060737	ЛН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397										
				21 @ 4 260-27 (So							
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
			Cardina	l Laborat	ories						
Inorganic Compounds Chloride	672		16.0	mg/kg	4	4061022	HM	10-Jun-24	4500-Cl-B		
Volatile Organic Compounds		21									
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	4060737	ЛН	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	ЛН	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PII))		107 %	71.5	-134	4060737	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			133 %	49.1	-148	4060720	MS	10-Jun-24	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				a) SURF 260-28 (So						
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	s by EPA Method 80)21								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	ЛН	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	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	ЈН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		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	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397										
			22 @ 1 5260-29 (So								
Analyte	Result 1	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
		Cardin	al Laborat	tories							
Inorganic Compounds											
Chloride	3040	16.0	mg/kg	4	4061022	HM	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	ЈН	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	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			

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				22 @ 2 260-30 (Se						
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 Compounds	by EPA Method 802	21								
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	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		105 %	71.5	-134	4060737	JH	10-Jun-24	8021B	
<u>Petroleum Hydrocarbons by</u>	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 1Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				22 @ 3 260-31 (So						
			11245	200-51 (50	,m)					
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 Compound	s by EPA Method 80	21								
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	ЛН	10-Jun-24	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		105 %	71.5	-134	4060737	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			134 %	48.2	-134	4060720	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			142 %	49.1	-148	4060720	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-JuProject Manager:Cliff BrunsonFax To:(575) 397-0397									38
				22 @ 4 260-32 (So						
					,)					
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	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80	21								
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	ЛН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	GC 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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397										
			P 22 @ 5 3260-33 (So								
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
		Cardin	al Laborat	tories							
Inorganic Compounds											
Chloride	176	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 (PL	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		96.9 %	48.2	-134	4060721	MS	10-Jun-24	8015B			
Surrogate: 1-Chlorooctadecane		126 %	49.1	-148	4060721	MS	10-Jun-24	8015B			

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				a) SURF 260-34 (So						
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 Compound		21	1010	6 6						
Benzene*	< 0.050		0.050	mg/kg	50	4060737	ЛН	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	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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 15:38 Project Manager: Cliff Brunson 575) 397-0397 SP 23 @ 1'										
			H2432	260-35 (So	oil)						
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 8	021									
Benzene*	< 0.050		0.050	mg/kg	50	4060737	ЈН	10-Jun-24	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	4060737	ЛН	10-Jun-24	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4060737	ЛН	10-Jun-24	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	ЈН	10-Jun-24	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	ЛН	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PID)		103 %	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			99.5 %	48.2	-134	4060721	MS	10-Jun-24	8015B		
Surrogate: 1-Chlorooctadecane			122 %	49.1	-148	4060721	MS	10-Jun-24	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReportProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-JunProject Manager:Cliff BrunsonFax To:(575) 397-0397									38
				23 @ 2' 260-36 (So						
			11245	200-20 (50	,m)					
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 80	21								
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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 15:38 Project Manager: Cliff Brunson 587 23 @ 3' SP 23 @ 3' 11242260 37 (Soil)										
			H243	260-37 (So	oil)						
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	4061039	AC	10-Jun-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 8	021									
Benzene*	< 0.050		0.050	mg/kg	50	4060737	ЛН	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	ЛН	10-Jun-24	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	ЈН	10-Jun-24	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	ЛН	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PIL))		104 %	71.5	-134	4060737	ЛН	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				a) SURF						
			H243.	260-38 (So)))					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	37600		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 80)21								
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 (PII	D)		105 %	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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				24 @ 1' 260-39 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds	<000		16.0		4	4061039	AC	10-Jun-24	4500-Cl-B	
Chloride	6000		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-CI-B	
Volatile Organic Compounds	by EPA Method 802	1								
Benzene*	< 0.050		0.050	mg/kg	50	4060737	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4060737	ЛН	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	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			24 @ 29 5260-40 (So							
Analyte	Result N	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
		Cardin	al Laborat	ories						
Inorganic Compounds										
Chloride	1300	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	ЈН	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PL	D)	105 %	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		91.2 %	48.2	-134	4060721	MS	10-Jun-24	8015B		
Surrogate: 1-Chlorooctadecane		113 %	49.1	-148	4060721	MS	10-Jun-24	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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,: 28 Project Manager: Cliff Brunson Fax To: (575) 397-0397									38
				24 @ 3' 260-41 (So						
			11245	200-41 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
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 Compound	s by EPA Method 80	21								
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	ЛН	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 (Ph	D)		101 %	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			103 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			130 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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								Reported: 28-Jun-24 15:38		
				24 @ 4' 260-42 (So							
					,)						
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	4061039	AC	10-Jun-24	4500-Cl-B		
Volatile Organic Compounds	s by EPA Method 802	21									
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	ЛН	10-Jun-24	8021B		
Total Xylenes*	< 0.150		0.150	mg/kg	50	4060737	ЛН	10-Jun-24	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	4060737	JH	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (Pl	(D)		105 %	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			96.8 %	48.2	-134	4060721	MS	10-Jun-24	8015B		
Surrogate: 1-Chlorooctadecane			120 %	49.1	-148	4060721	MS	10-Jun-24	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15Project Manager:Cliff BrunsonFax To:(575) 397-0397									38
				a) SURF						
			H243	260-43 (So)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	5360		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	1								
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	ЛН	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)		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			SP 25@1							
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
		Caro	linal Laborat	tories						
Inorganic Compounds										
Chloride	2400	16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 802	1								
Benzene*	< 0.050	0.050	mg/kg	50	4060737	ЛН	10-Jun-24	8021B		
Toluene*	< 0.050	0.050	mg/kg	50	4060737	ЈН	10-Jun-24	8021B		
Ethylbenzene*	< 0.050	0.050	mg/kg	50	4060737	ЈН	10-Jun-24	8021B		
Total Xylenes*	< 0.150	0.150	mg/kg	50	4060737	ЛН	10-Jun-24	8021B		
Total BTEX	< 0.300	0.300	mg/kg	50	4060737	ЛН	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PI	D)	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	iber: 7/1! iger: Cliff		,2/25/23,:	Reported: 28-Jun-24 15:38			
				25 @ 2 260-45 (So						
)					
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 8	021								
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	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		,2/25/23,:	Reported: 28-Jun-24 15:38							
				25 @ 3 260-46 (So						
			11245	200-40 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	480		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80	021								
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	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	ЈН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	ID)		100 %	71.5	-134	4060738	ЛН	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			103 %	48.2	-134	4060721	MS	10-Jun-24	8015B	_
Surrogate: 1-Chlorooctadecane			129 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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								Reported: 28-Jun-24 15:38		
				25 @ 4 260-48 (So							
					,,						
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	4061039	AC	10-Jun-24	4500-Cl-B		
Volatile Organic Compounds	s by EPA Method 80	21									
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	ЛН	10-Jun-24	8021B		
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (Pl	(D)		99.9 %	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			111 %	48.2	-134	4060721	MS	10-Jun-24	8015B		
Surrogate: 1-Chlorooctadecane			138 %	49.1	-148	4060721	MS	10-Jun-24	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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								Reported: 28-Jun-24 15:38		
				25 @ 5' 260-49 (So							
)						
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 Compound	s by EPA Method 8	021									
Benzene*	< 0.050		0.050	mg/kg	50	4060738	JH	10-Jun-24	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	4060738	ЛН	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)		99.3 %	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			102 %	48.2	-134	4060721	MS	10-Jun-24	8015B		
Surrogate: 1-Chlorooctadecane			127 %	49.1	-148	4060721	MS	10-Jun-24	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-JuProject Manager:Cliff BrunsonFax To:(575) 397-0397									38
				a) SURF						
			П243.	260-50 (So)11)					
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 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	ЈН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		103 %	71.5	-134	4060738	ЈН	10-Jun-24	8021B	
Petroleum Hydrocarbons by C	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22,	,2/25/23,:	2	Reported: 28-Jun-24 15:	38
				26 @ 1 260-51 (So						
			Reporting		,					
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	4080		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80	21								
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)		98.9 %	71.5	-134	4060738	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:3	38
				26 @ 2' 260-52 (So						
				 (50	,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	6500		16.0	mg/kg	4	4061039	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	ЛН	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	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 8-Jun-24 15:	38
				26 @ 3' 260-53 (So						
			112 10	 (50	,iii)					
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	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 8	021								
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	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	ID)		97.8 %	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			90.1 %	48.2	-134	4060721	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			117 %	49.1	-148	4060721	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			oject Num ject Mana	ber: 7/15 ager: Cliff	AR CANYO 5/22,7/22/2 Brunson 5) 397-0392	22,8/25/22	,2/25/23,:	2	Reported: 8-Jun-24 15:	38
				26 @ 4' 260-54 (So						
Analyte	Result	R6 MDL	porting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	32.0		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 802	1								
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	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:	38
				26 @ 5 260-55 (So						
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 8	021								
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	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		97.5 %	71.5	-134	4060738	ЛН	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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 8-Jun-24 15:	38
				a) SURF						
			H243	260-56 (So)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	20600		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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 (PIL))		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	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	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			148 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:	38
				27 @ 1 260-57 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l 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 8	021								
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)		99.8 %	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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	iber: 7/1! iger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:	38
				27 @ 2 260-58 (So						
					,,					
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 Compound	s by EPA Method 8	021								
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	ЈН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		99.8 %	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	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/15 ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:	38
				27 @ 3' 260-59 (So						
			11240	200 57 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	848		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	021								
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	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		98.4 %	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			131 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			123 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 8-Jun-24 15:	38
				27 @ 4' 260-60 (So						
			П243	200-00 (30)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	224		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 80	021								
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)		97.6 %	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	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:	38
				27 @ 5' 260-61 (So						
			112 10	00 01 (50	,,,,,					
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	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4060738	ЛН	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	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		97.6 %	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*	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: 1-Chlorooctadecane			111 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	nber: 7/1 ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15	:38
				a) SURF						
			H243	260-62 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	16800		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	21								
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 (P.	ID)		130 %	71.5	-134	4060738	ЛН	10-Jun-24	8021B	
Petroleum Hydrocarbons by	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15	:38
				28 @ 1' 260-63 (So						
			11243	200-03 (30)II)					
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	s by EPA Method 8	021								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	ЛН	10-Jun-24	8021B	GC-NC1
Total BTEX	< 0.300		0.300	mg/kg	50	4060738	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		145 %	71.5	-134	4060738	JH	10-Jun-24	8021B	
<u>Petroleum Hydrocarbons by</u>	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/15 ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:	38
				28 @ 2' 260-64 (So						
			11210		, m)					1
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	1380		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	021								
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)		97.2 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1 ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 8-Jun-24 15:	38
				28 @ 3' 260-65 (So						
	D k	MDI	Reporting Limit			D . 1				
Analyte	Result	MDL	Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	464		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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	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			101 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			92.5 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: ?8-Jun-24 15:	38
				28 @ 4 260-66 (So						
			11243	200-00 (50	лт <i>у</i>					
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	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 802	21								
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	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Nur Project Mana	ber: 7/1! ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 8-Jun-24 15:	38
				28 @ 5 260-67 (So						
)					
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	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 80	21								
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	ЛН	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)		91.3 %	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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Nun Project Mana	nber: 7/1. ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:	38
				@_SURF 260-68 (Se						
			П243	200-08 (50)11)					1
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	tories					
Inorganic Compounds										
Chloride	8560		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 80	21								
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	ЛН	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									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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: ?8-Jun-24 15:3	38
				29 @ 1' 260-69 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	3600		16.0	mg/kg	4	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 802	21								
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	ЛН	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	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	iber: 7/1! iger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:	38
				29 @ 2' 260-70 (So						
)					
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	by EPA Method 8	021								
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	ЈН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		85.8 %	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			100 %	48.2	-134	4060722	MS	10-Jun-24	8015B	
Surrogate: 1-Chlorooctadecane			89.5 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	nber: 7/1! ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:	38
				29 @ 3 260-71 (So						
			11240	200 /1 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al 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 802	21								
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	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	nber: 7/1! ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: ?8-Jun-24 15:	38
				29 @ 4 260-72 (So						
			11243	200-72 (30	,m)					
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	4061040	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by 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	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	D)		90.9 %	71.5	-134	4061003	ЛН	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*	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: 1-Chlorooctadecane			101 %	49.1	-148	4060722	MS	10-Jun-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Nun Project Mana	nber: 7/1! ager: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:	38
				ā) SURF 260-73 (So						
			11240	200 /2 (5)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	7500		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	QM-07
Volatile Organic Compound	s by EPA Method 80)21								
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)		88.7 %	71.5	-134	4061003	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:3	38
				30 @ 1 260-74 (So						
			112452	200-74 (St	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	2200		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by 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	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		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	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReProject Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-JuProject Manager:Cliff BrunsonFax To:(575) 397-0397									38
				30 @ 2' 260-75 (So						
					,)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	1700		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	021								
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)		88.9 %	71.5	-134	4061003	ЛН	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			P 30 @ 3 3260-76 (Se							
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
		Cardin	ial Laborat	ories						
Inorganic Compounds										
Chloride	624	16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 8021	l								
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	ЈН	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PL	D)	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		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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 15:38 Project Manager: Cliff Brunson Fax To: (575) 397-0397										
				30 @ 4 260-77 (So							
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	4061041	AC	10-Jun-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 8	021									
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	ЛН	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PL	D)		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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			9 30 @ 5 3260-78 (Se							
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
		Cardin	al Laborat	tories						
Inorganic Compounds										
Chloride	400	16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B		
Volatile Organic Compounds	s by EPA Method 802	1								
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	ЛН	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				@ SURF 260-79 (So						
			11245	200-79 (30)II)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	23600		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 80	21								
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	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061003	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (PI	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397										
				31 @ 1' 260-80 (So							
			112 10	 (50	,,,,,						
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 Compound	s by EPA Method 802	21									
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	ЈН	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (Pl	D)		88.1 %	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*	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									38
				31 @ 2						
			П243	260-81 (So)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	960		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 802	21								
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	ЛН	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)		88.6 %	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									38
				31 @ 3 260-82 (So						
			112-10	200 02 (50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Inorganic Compounds										
Chloride	480		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 8	021								
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	ЛН	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397										
			9 31 @ 4 260-83 (Se								
				,)							
Analyte	Result	MDL Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes		
		Cardin	al Laborat	tories							
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	ЛН	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	ЛН	10-Jun-24	8021B			
Total Xylenes*	< 0.150	0.150	mg/kg	50	4061003	ЛН	10-Jun-24	8021B			
Total BTEX	< 0.300	0.300	mg/kg	50	4061003	ЛН	10-Jun-24	8021B			
Surrogate: 4-Bromofluorobenzene (PL	ID)	88.5 %	71.5	-134	4061003	ЛН	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			

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				31 @ 5 260-84 (Se						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds										
Chloride	144		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061004	ЛН	10-Jun-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4061004	ЛН	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 (PII))		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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:38Project Manager:Cliff BrunsonFax To:(575) 397-0397									
				a) SURF 260-85 (So						
			П245.	200-03 (30)11)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	21600		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
Benzene*	< 0.050		0.050	mg/kg	50	4061004	ЛН	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 (PIL))		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/15/22,7/22/22,8/25/22,2/25/23,:28-Jun-24 15:Project Manager:Cliff BrunsonFax To:(575) 397-0397									38
				32 @ 1' 260-86 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	2280		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	1								
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	D)		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*	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241			Project Num Project Mana	ber: 7/1! ger: Cliff		22,8/25/22	,2/25/23,:	2	Reported: 28-Jun-24 15:3	38
				32 @ 2 260-87 (So						
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
Inorganic Compounds										
Chloride	4800		16.0	mg/kg	4	4061041	AC	10-Jun-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	21								
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	D)		109 %	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			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	

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 ar any other cause whitstoever 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 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 there approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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					2	Reported: ?8-Jun-24 15:	38	
				32 @ 3' 260-88 (So						
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-C1-B	
Volatile Organic Compound		021	10.0	iiig/kg	7	4001041	ne	10-Juli-24	4500-01-0	
Benzene*	< 0.050	/=1	0.050	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4061004	ЛН	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	ЛН	10-Jun-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4061004	JH	10-Jun-24	8021B	
Surrogate: 4-Bromofluorobenzene (P	ID)		108 %	71.5	-134	4061004	ЛН	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	

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 ar any other cause whitstoewer 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 su claim is based to reproduced except in full with written approval of Cardinal Loaratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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							Reported: 28-Jun-24 15:38			
				32 @ 4 260-89 (So								
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 80	21										
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	ЛН	10-Jun-24	8021B			
Total BTEX	< 0.300		0.300	mg/kg	50	4061004	ЈН	10-Jun-24	8021B			
Surrogate: 4-Bromofluorobenzene (PII	D)		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			

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 ar any other cause whitstoewer 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 su claim is based to reproduced except in full with written approval of Cardinal Loaratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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							Reported: 28-Jun-24 15:38		
				32 @ 5 260-90 (So							
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	4061041	AC	10-Jun-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 8	021									
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	ЛН	10-Jun-24	8021B		
Surrogate: 4-Bromofluorobenzene (PL	D)		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			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		

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 ar any other cause whitstoewer 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 su claim is based to reproduced except in full with written approval of Cardinal Loaratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805	Project Number:	CEDAR CANYON WTF 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	

Inorganic Compounds - Quality Control

		Cardir	nal Lab	oratories						
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4061022 - 1:4 DI Water	Result	Dinit	Onto	Lever	result	/ulle	Linno	Id D	Linin	110105
Blank (4061022-BLK1)				Prepared &	Analyzed:	10-Jun-24				
Chloride	ND	16.0	mg/kg	*						
LCS (4061022-BS1)				Prepared &	Analyzed:	10-Jun-24				
Chloride	448	16.0	mg/kg	400		112	80-120			
LCS Dup (4061022-BSD1)				Prepared &	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 &	Analyzed:	10-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4061024-BS1)				Prepared &	Analyzed:	10-Jun-24				
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (4061024-BSD1)				Prepared &	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 &	Analyzed:	10-Jun-24				
Chloride	ND	16.0	mg/kg							
LCS (4061038-BS1)				Prepared &	Analyzed:	10-Jun-24				

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whitstoewer 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 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 Lobaratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

٦



Analytical Results For:

BBC International, Inc. P.O. Box 805 Hobbs NM, 88241		Project Ni Project Ma	umber: inager:	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		
	Ino	rganic Com	pounds	- Quality	Control						
		Cardir	nal Lab	oratories							
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 &	z 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)				Prenared &	z Analyzed:	10-Jun-24					
Chloride	400	16.0	mg/kg	400	e i inarj zea.	100 100	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	1							
LCS (4061040-BS1)				Prepared &	Analyzed:	10-Jun-24					
Chloride	416	16.0	mg/kg	400		104	80-120				
LCS Dup (4061040-BSD1)				Prepared &	z Analyzed:	10-Jun-24					
Chloride	432	16.0	mg/kg	400	<u> </u>	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								

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 ar any other cause whitstoewer 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 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.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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								Reported: 28-Jun-24 15:38			
	Ino	rganic Com Cardiı	•	s - Quality boratories	Control							
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes		
Batch 4061041 - 1:4 DI Water												
LCS (4061041-BS1)				Prepared &	Analyzed:	10-Jun-24						
Chloride	432	16.0	mg/kg	400		108	80-120					
LCS Dup (4061041-BSD1)				Prepared &	Analyzed:	10-Jun-24						
Chloride	432	16.0	mg/kg	400		108	80-120	0.00	20			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar 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. 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 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.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Reported: 28-Jun-24 15:38
--	--	------------------------------

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 4060735 - Volatiles										
Blank (4060735-BLK1)				Prepared: 0)7-Jun-24 A	nalyzed: 08	3-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: 08	3-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: 08	3-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			

Batch 4060736 - Volatiles

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whitsoever 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 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

Celey D. Keene, Lab Director/Quality Manager



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
--	-------------------------------------	--	------------------------------

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
-	Result	Linit	Onits	Lever	Result	70REC	Linits	ICI D	Liint	Trotes
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: ()7-Jun-24 A	nalyzed: 1	0-Jun-24			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							

Surrogate: 4-Bromofluorobenzene (PID)

Cardinal Laboratories

Total Xylenes

Total BTEX

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whitstoewer 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 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 Lobaratories.

ND

ND

0.0525

0.150

0.300

mg/kg

mg/kg

mg/kg

0.0500

105

71.5-134

Celey D. Keene, Lab Director/Quality Manager



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
--	-------------------------------------	--	------------------------------

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories	

A		Reporting	T. 't	Spike	Source	0/DEC	%REC	DPD	RPD	N.
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: 0	7-Jun-24 A	nalyzed: 1	0-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

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 ar 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. 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 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 Lordratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
--	-------------------------------------	--	------------------------------

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
Analyte	Result	Limit	Units	Level	Result	/0KEU	Limits	ĸrD	Limit	indies
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-
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 &	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		89.7	71.5-134			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whitstoewer 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 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

Celey D. Keene, Lab Director/Quality Manager



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
--	-------------------------------------	--	------------------------------

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

A us lasts		Reporting	T. '	Spike	Source	0/050	%REC	מיינו	RPD	Net
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4061003 - Volatiles										
LCS (4061003-BS1)				Prepared &	Analyzed:	10-Jun-24				
Benzene	1.83	0.050	mg/kg	2.00		91.7	82.8-130			
Toluene	1.84	0.050	mg/kg	2.00		92.1	86-128			
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.4	85.9-128			
m,p-Xylene	3.74	0.100	mg/kg	4.00		93.5	89-129			
o-Xylene	1.83	0.050	mg/kg	2.00		91.3	86.1-125			
Total Xylenes	5.57	0.150	mg/kg	6.00		92.8	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0470		mg/kg	0.0500		94.0	71.5-134			
LCS Dup (4061003-BSD1)				Prepared &	Analyzed:	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-2
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			
Batch 4061004 - Volatiles										
Blank (4061004-BLK1)				Prepared &	Analyzed:	<u>10-Jun-24</u>				
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			
			-							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whitstoewer 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 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

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project: CEDAR (Project Number: 7/15/22, Project Manager: Cliff Brun Fax To: (575) 39	,7/22/22,8/25/22,2/25/23,: nson	Reported: 28-Jun-24 15:38
--	---	------------------------------------	------------------------------

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 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			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whitstoewer 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 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 Lobaratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
--	-------------------------------------	--	------------------------------

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal l	Laboratories
------------	--------------

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4060719 - General Prep - Organics										
Blank (4060719-BLK1)				Prepared &	z Analyzed:	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			
LCS (4060719-BS1)				Prepared &	k Analyzed:	<u>07-</u> 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 &	k Analyzed:	<u>07</u> -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			
Batch 4060720 - General Prep - Organics										
Blank (4060720-BLK1)				Prepared: 0)7-Jun-24 A	nalyzed: 10)-Jun-24			
CBO CE CIO	ND	10.0								

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		

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 ar 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. 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 su claim is based to be performed by client the amount be performed except in full with written approval of Cardinal Liopatorities.

Celey D. Keene, Lab Director/Quality Manager



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	Reported: 28-Jun-24 15:38
	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
	Tesan		0 mil	20101	Ttobult	, under	2	10.0	2	110105
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: ()7-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: ()7-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			
-	50.0		4	50.0		116	48.2-134			
Surrogate: 1-Chlorooctane	58.0		mg/kg	50.0		110	40.2-154			

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whitsoever 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 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. Keene, Lab Director/Quality Manager



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	Reported: 28-Jun-24 15:38
--	---	------------------------------

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	nalyzed: 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	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	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	nalyzed: 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	nalyzed: 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-03
Surrogate: 1-Chlorooctadecane	71.2		mg/kg	50.0		142	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 ar any other cause whitstoewer 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 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 Lobaratories.

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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
--	-------------------------------------	--	------------------------------

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 4060723 - General Prep - Organics										
Blank (4060723-BLK1)				Prepared: ()7-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	53.8		mg/kg	50.0		108	48.2-134			
Surrogate: 1-Chlorooctadecane	49.4		mg/kg	50.0		98.8	49.1-148			
LCS (4060723-BS1)				Prepared: ()7-Jun-24 A	nalyzed: 1	0-Jun-24			
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: 1-Chlorooctadecane	54.8		mg/kg	50.0		110	49.1-148			
LCS Dup (4060723-BSD1)				Prepared: ()7-Jun-24 A	nalyzed: 1	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	5.45	18.5	
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										
				D 10		10 1 04				

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 daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whitstoewer 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 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 Lobaratories.

Celey D. Keene, Lab Director/Quality Manager



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	Reported: 28-Jun-24 15:38
--	--	------------------------------

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 4061001 - General Prep - Organics										
LCS (4061001-BS1)				Prepared &	Analyzed:	10-Jun-24				
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				
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			

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 ar any other cause whitspewer 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 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

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-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 SM4500CI-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 daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whitstoewer 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 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 Lobaratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



101 Last manain, 100000 103-24	
Company Name: BBC International Inc.	BILL TO ANALYSIS REQUEST
	P.O. #:
Address: P.O. Box 805	Company: Oxy
State:	Zip: 88241 Attn:
5-397-6388 Fax #:	575-397-0397 Address:
Project #: Project Owner: Oxy	Ner: Oxy City:
ame: CEDAR CANYON WTF (122,8/25/22,2/25/23,3/6/24) State: Zip:
Project Location: New Mexico	Phone #:
Sampler Name: SIMON RENDAN	
	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : DATE TIME CALCOM BIEX JPHEX
SP 16@4'	9:15AM V V
C SP 16@5'	
PLEASE NOTE: Linkbity and Damages Candinal's liability and claart's exclusive remody for any claim ansing whether based in contract or tort, shall be limited to analyses. All claims including those for negligance and any other claare whatisever shall be deemed waived unless mate in writing and received by Cardinal with analyses. All claims including those for negligance and any other claare whatisever shall be deemed waived unless mate in writing and received by Cardinal with analyses. All claims including those for negligance and any other claare whatisever shall be deemed waived unless mate in writing and received by Cardinal with analyses. All claims including those for negligance and any other claares whether whether whether the shall be deemed waived unless mate in writing and received by Cardinal with analyses. All claims including those for negligance and any other claares whether whether we writing and the shall be deemed waived unless mate in writing and received by Cardinal with analyses. All claims including those for negligance and any other claares whether whether whether we writing and the shall be deemed waived unless mate in writing and received by Cardinal with an any set of the shall be an any other classes of problemests and any other shall be deemed waived unless material shall be and the shall be an any other shall be	PLEASE NOTE: Linkbilly and Damages Candinal's liability and clauft's exclusive temedy for any claim ansing whether based in contract or test, shall be limited to the amount paid by the cleon for the analyses. All claims including those for negligance and any other cause wastever shall be deemed waived unless made in witing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligance and any other cause wastever shall be deemed waived unless made in witing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligance and any other cause deemed waived unless made in witing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligance and any other cause deemed waived unless made in witing and received by Cardinal within 30 days after completion of the applicable analyses. All claims including those for negligance and any other cause a location withing and received by Cardinal writing 30 days after completion of the applicable analyses. All claims including those for negligance and any other cause include whom ulmitation business interruptions, loss of use, or loss of profits accurred by client. Its subdations
Relinquished By: Time: C. Date: C 24R	nac
- lor	Sample Condition CHECKED BY: Cool Intact Cool Intact Cool Intact Cool Intact Cool Intact Cool Intact Cool Intact Cool Intact
Sampler - UPS - Bus - Other: 100	

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

R

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

Received by	OCD:	2/7/2025	8:00:07	PM	

Project Manager: Cliff Brunson		
	P.O. #:	
Address: P.O. Box 805	Company: Oxy	
city: Hobbs State: NM Zip: 88241		
5-397-6388 Fax #: 575-	Address:	
Project #: Project Owner: 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 * SR GO	THOMAS THOMAS OF	
(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER	SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	BTEX
	5/30/24 9:	
Ú SP 17 @ 1'	-	
SP 17		
G SP 17 @ 3'		
SP 17	_	
SP 18@SURFACE	-	
Q SP 18 @ 1'	5/30/24 11:26AM	
10 SP 18 @ 2'	5/30/24 11:42AM	
SP 18 @ 3'	5/30/24 11:56AM	
17 SP 18 @ 4'	5/30/24 12:12PM	
converges - common swamp ward cause should be received to dary caum aniwing whether based those for megigence and any other cause whatsoever shall be dement warved unless more war that be liable for incidential or consequential damages, including without instation, business into all of an related to the performance of services beispinder by Cardonal regardless of whether out of or related to the performance of services beispinder by Cardonal regardless of whether and of an related to the performance of services beispinder by Cardonal regardless of whether the services of the services being the performance of services being the services of the services of the services of the services being the services being the services being the services of the services of the services of the services of the services being the services of the s	in ocnitact or tord, shaal ha limited to the anound paid by the cleant for the writing and received by Candinal writing 30 days after completion of the applicable emptytons, loss of use, or loss of goffs, accured by clent, its subsidiantes, publication is based upon any offse above studied seconds or behaviours.	Skrabbe
Kellinguished By: Care: 6-24 Received By: Time: 2:00 full	MCUL AND Fax Result: REMARKS:	□ Yes
Retinquished By: The Date: 6-24 Received By:	you & put	customer connection,
Sampler - UPS - Bus - Other:	Cool Intact (Initials)	n-original and a start

0

RDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

Company Name	Company Name: BBC International Inc		BII 1 10			
Project Manage	Project Manager: Cliff Brunson		P.O. #:			ANALTSIS REQUEST
Address: P.O.	P.O. Box 805		Company: Oxv			
city: Hobbs	State: NM	M zip: 88241			_	
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:			
Project #:	Project Owner: Oxy		City:			
Project Name: (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:	n: New Mexico	10(4)23	#		·	
Sampler Name:	SIMON RENDAN	10.00	Fax #	_		
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	ING	N.	
Lab I.D. H2y3260	Sample I.D.	(G)RAB OR (C)OMI # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER : ACID/BASE: ICE / COOL OTHER : DATE	TIME	Chlon BIEX TPHE	
2	SP 19@SURFACE	7	5	12:51PM	~ ~ ~	
12	SP 19@ 1'	-	5/30/24	1:07PM	~ ~ ~	
	SP 19@ 2'		5/30/24	1:19PM		
	SP 19@ 3'		5/30/24	1:32PM		
	SP 19@ 4'		5/30/24	1:44PM		
12	SP 20@SURFACE		5/30/24	1:55PM	•	
19	SP 20@ 1'		5/30/24	2:10PM	• •	
22	SP 20@ 2'		5/30/24	2:19PM	•	
2	SP 20@ 3'		5/30/24	2:31PM	د د د	
	SP 20@ 4'		5/30/24	2:40PM		
analyses All claims includin includin include in no event shall Ca affiliates of spocessors ansin	ICHARS FOUR CLARMING and LARRAGES LANDRING MUDILARS SECTION AND CLARMS EXTERNATION AND AND AND AND AND AND AND AND AND AN	eddy for any claim arising whether based in contract to tort, shall be limited to the amount paid by the client for the shall be deemed waived unless made in writing and received by Cardidal within 30 days after completion of the applicable including without limitation, business interruptors to sol due to a sol of only incurred by client, its subadranes, inder to Caronal relationess of whether such claims is based inno a noise of the above answer or movement offer to Caronal relations of whether such claims is based inno a noise of the above answer or movement.	or tort, shall be limited to the amount pa received by Cardinal within 30 days alt loss of use, or loss of profix incurred by s based more any other shows stated or	he amount paid by the client for the in 30 days after completion of the a is incurred by client. Its subsidianes have stated reasons or otherwood	r ppicable	
Keiinquisned By:	Date:	And Received By:	attend	Phone Result: Fax Result: REMARKS:	It: □ Yes □ No	Add'l Phone #: Add'l Fax #:
Relinquished By	Date 6-24	24 Received By:		* project	ject n	ame coelection.
Delivered By: (Circle One)	and	Upouro Sample Condition	CHECKED RV.	Per	custor	Nell- deinnier
Sampler - UPS - Bus - Other:	- Bus - Other: - IVIOC					0 manda
	140	No No	MA			he men

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

Page 112 of 119

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

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

14.0 õ

Cool Intact ample Condition

(Initials)

S 6-2

à

WSTOMLER

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

Page 113 of 119

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 114 of 119

Released to Imaging: 2/10/2025 8:34:02 AM

Company Name:	BBC International, Inc.		BILL TO		ANALYSIS REQUEST
Project Manager:		9	P.O. #:		
Address: P.O. E	Box 805	0	Company: Oxy		
city: Hobbs	State: NM	Zip: 88241 At			
Phone #: 575-397-6388	Fax #:	575-397-0397 Ac	Address:		
Project #:	Project Owner: Oxy		City:		
Project Name: CE	CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)		State: Zip:	٩	
Project Location:	New Mexico	H XLHO		l	
Sampler Name:	SIMON RENDAN	R	Fax # C. O.Y	i	
Lab I.D.	Sample I.D.		BASE: PRESERV. SAMPLING	PHEX	
Conchr	SD 33@5'	# CC GRO	DATE	TIME CRI	
she s	SP 23@SURFACE	Yer Y	5/31/24	11:14AM	
Nic A	SP 23@1				
8	SP 23@2'		5/31/24	11:51AM	
	SP 23@3'		_	12:08PM	
SC	SP 24@SURFACE		5/31/24	12:45PM	
	SP 24@ 1'		1.1	1:06PM / / /	
u s	SP 24@ 3'		5/31/24	1:36PM	
HTL S	SP 24@ 4'		5/31/24		
yses. All claims including tr ice. In no event shall Carda ates or successors ansing o	er shall er shall s, inclu	using casin ensuing instantic bases un contract of tots, shall be initiated bei deemed wanyed unless made in writing and received by Cardmail wo dang writhout inmitation, busmess interruptions, loss of use, or loss of poy and writing in oparations of whether scote claim is based upon any of the approximation of the scote claim is based upon any of the approximation of the scote claim is based upon any of the approximation of the scote claim is based upon any of the approximation of the scote claim is based upon any of the approximation of the scote claim is based upon any of the approximation of the scote claim is based upon any of the approximation of the scote claim is based upon any of the approximation of the scote claim is based upon any of the approximation of the scote claim is based upon any of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the approximation of the scote claim is based upon approximation of the a	abo and	30 days after completon of the applicable prometed by client, its subsidiaries, a station reasonee or otherwise.	
Kelinquished By:	Time: Q; Motor	Received By:	1 Jun	Phone Result: Ves No Fax Result: Yes No REMARKS:	No Add'i Phone #: No Add'i Fax #:
Relinquished By:	allow Time 16 24	Received By:		Appeolect no	stance collection,
Sampler - UPS - Bus - Other	(Circle One) _14.0 :	Sample Condition	(Initials)		Woodkiguw

Received by OCD: 2/7/2025 8:00:07 PM

Company Name: BBC Internat Project Manager: Cliff Brunson	BBC International, Inc. Cliff Brunson		BILL TO			ANALYSIS RE	REQUEST	
Address: P.O. Box 805)5		Company: Oxy					
city: Hobbs	State: NM	M zip: 88241				_		
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:		_			
Project #:	Project Owner: Oxy	vner: Oxy	City:			_		
Project Name: CEDAR C	ANYON WTF (7/15/22,7/2	CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	-	e.		_		
Project Location: New	New Mexico	5C-1-01		J	_			
Sampler Name: SIM(SIMON RENDAN	**	he for	i	J			
FOR LAB USE ONLY		RS	PRESERV. SAMPLING		$\frac{-\chi}{+E}$			
Lab I.D.	Sample I.D.	G)RAB OR (0 # CONTAINE GROUNDWA WASTEWATE SOIL DIL	SLUDGE DTHER : ACID/BASE: CE / COOL DTHER :	Ch	T PI			
43 SP 250	SP 25@SURFACE	7	5/31/24	2:12PM 🗸	~ ~		-	
44 SP 25@1"	21'		5/31/24	2:26PM 🖌	< <			
US SP 25@2'	0)2' 9)3'		5/31/24	2:41PM /				
				3-14PM		NO Sample		× 80 10- 24
U.S SP 25@4	24'		5/31/24	3:29PM				OTX
UQ SP 25@5'	D5'		5/31/24	9:30AM	-			
50 SP 26@S	SP 26@SURFACE			9:46AM	•			
C @ 2 02 02	30.		6/2/24	10.02AM				
PLEASE NOTE: Liability and Damages. Ca analyses: All claims: including those for neg service. In no event shall Cardinal be liable	irdinal's liability and cliaur's exclusive remed ligence and any other cause whatsoever sh for incidental or consequental damages, inc	/ for any claim arising whether based in contra ill be deemed waived unless made in writing a luding without limitation, business interruption	ract or tort, shall be limited to the amount paid and received by Cardinal work. 3D days after ns. loss of use, or loss of publis houried bu cli	by the client for the completion of the applicable ent. Its subsidiaries				
Relinquished By:	Date:	Received By:	i ale tased upon any of the apple stated real		Ves No	Add'l Phone #: Add'l Fax #:		
Keinquisned by:	Hour Date: 6 24	Diffreceived By:		AND X	mailed on c	DH C.O	C	
Delivered By: (Circle One)	One) _111.0	Sample Condition	dition CHECKED BY:	- Anno	custom	customet notified	red.	
Sampler - UPS - Bus - Other:		Cool Intact	20			Spa	Shaliquey	15
† Cardinal cannot ac	cept verbal changes. Ple	Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476		the purchase when the providest	NAND		Q I S	

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

2		0114 000 110				
company name:	BBC International,	Inc.	BILL TO		ANALYSIS REQUEST	
Project Manager:	er: Cliff Brunson		P.O. #:			
Address: P.O. Box 805	D. Box 805		Company: Oxy			
city: Hobbs		State: NM Zip: 88241				
Phone #: 575-397-6388		Fax #: 575-397-0397	Address:			_
Project #:	Pr	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)	State: Zip:	2		
Project Location:	on: New Mexico	SC-MOI		l		_
Sampler Name:	: SIMON RENDAN	*SPL	the Hard	ia		_
FOR LAB USE ONLY		P. MATRIX	PRESERV. SAMPLING			
Lab I.D.	Sample I.D.	AB OR (C)OM DNTAINERS DUNDWATER DTEWATER	ER : D/BASE: COOL ER :	Hon STEX PHE		
SS SW	SP 26@3'			10-23AM		1
Su	SP 26@4'	Ti	6/3/24	10:40AM		_
55	SP 26@5'		6/3/24	10:54AM		
56	SP 27@SURFACE -		6/3/24	11:10AM		_
57	SP 27@1'		6/3/24	11:25AM		1
58	SP 27@2'		6/3/24	11:43.AM		
8	SP 27@3'		6/3/24	12:04PM		_
60	SP 27@4'		6/3/24	12:47PM		_
(U)	SP 27@5'		6/3/24	1:05PM / / /		-
PLEASE NOTE: Liability a	SP 28@SURFACE	adhathar his	6/3/24	1:19PM / / /		
analyses All claims including those for neg service. In no event shall Cardinal be liable affiliates or successors arising out pl or relat	analytes. All claims including those for negligance and any other Josuse whatsoever en- service. In no event shall Cardinal be liable for incidential or consequential claimage, athliates or successors anising out pl or related to the performance of services herein.	canser energy not any cam assing whether based in contract or for thatibe limited to the amount paid by the climit for the hattoever shall be deemed waived unless made in willing and received by Cardinal within 30 days after completion of the applicable damages, including without limitation, business interruptions, loss of use, or loss of putils, non-ner by climit, its subsidiantes, estimates by Cardinal regardless of whother climits based upon any of the above stated exercise or conservate cest heterunder by Cardinal regardless of whother climits to based upon any of the above stated exercise or conservate.	For fort shall be limited to the amount paid d received by Cardinal within 30 days after loss of use, or loss of pyrful incurred by bi loss of use, or loss of pyrful incurred by bi is based upon any of the allowe stated rea	amount paid by the client for the 30 days after completion of the applicable incurred by client, is subsidiantes. We stated isasons or observice		
A	No N	Timegron Att	ulton	Phone Result: Fax Result: REMARKS: Yes No	No Add'I Phone #: No Add'I Fax #:	
Relinquished By	watter	Date: 6-24 Received By:		toroject n	t norme appretion.	
Delivered By	Delivered By: (Circle One)	0	ON CHECKED BY:	per custor	MUK-	
Sampler - UPS	Sampler - UPS - Bus - Other:	11/D Cool Intact	-		Shad Kinning	
			T			-

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

TYes Tres

Page 116 of 119

Released to Imaging: 2/10/2025 8:34:02 AM

Company Name:	BBC International, Inc.		BILL TO			ANALYSIS REQUEST
Project Manager:	Cliff Brunson	P.O.	0. #:		_	
Address: P.O. Box 805	Box 805	Co	Company: Oxy			
city: Hobbs	State: NM	Zip: 88241				
Phone #: 575-397-6388	Fax #:	5-397-0397	Address:		_	
Project #:	Project Owner: Oxy	er: Oxy City:	y:		_	
Project Name: CI	CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)	-	State: Zip:	٤	_	
Project Location:	New Mexico	10-4-23 Ph		l	_	
Sampler Name:	SIMON RENDAN	-	he# #4	ic		
Lab I.D.	Sample I.D.		/BASE: PRESERV	hlan	STEX	
H743200	SP 28@1	# C	OTH		1	
	SP 28@2'	-6	6/3/24	1.52PM	~ ~	
2	SP 28@3'		6/3/24	2:05PM		
0	SP 28@4'		6/3/24	2:16PM		
-	SP 28@5'		6/3/24	2:29PM		
6%	SP 29@SURFACE		6/3/24	2:46PM	•	
	SP 29@1'		6/3/24	3:07PM	• •	
10	SP 29@3'		6/4/24	9:37AM		
TEASE NOTE: Liability and	SP 29@4'	I any claim acision whether based in contract or tor	6/4/24	9:52AM	• •	
vent shall	ang those for negligence and any other cause whatsoever shall Cardinal be liable for incidential or consequential damages, incluir sing out of or related to the performance of services beguinder b	be deemed waived unless made in writing and received by Cardi ling without limitation, business interruptions, loss of use, or loss of Control reparties of which har such cham is based upon an	Pol	hin 30 days after completion of the applicable fits incurred by client, its subsidiaries, above atstad tasonos in offenoise.		
Relinquished By:	Time Ar	the Sarah	Hena	Phone Result: C Fax Result: C REMARKS:	Ves No	Add'I Phone #: Add'I Fax #:
Relinquished By: Delivered By: (Circle One)	but	Received By: Charles Condition	CHECKED BY:	top cut	stome	customete. spodicionul
- can - laiding	Bus - Onler: 100	No No No	HP			1 Y J J

Page 117 of 119

Page 118 of 119

Received by	• OCD :	2/7/2025	8:00:07 PM	
-------------	----------------	----------	------------	--

	BBC International, Inc.		BILL TO		ANALYSIS	REQUEST
Project Manager: Clif	Cliff Brunson	9	P.O. #:			
Address: P.O. Box 805	805	0	Company: Oxy			
city: Hobbs	State: NM	Zip: 88241 At	Attn:			
Phone #: 575-397-6388	Fax #:	575-397-0397 Ac	Address:			
Project #:	Project Owner: Oxy	-	City:			
roject Name: CEDAR	Project Name: CEDAR CANYON WTF (7/15/22,7/22/22,8/25/22,2/25/23,3/6/24)		State: Zip:	٩		
Project Location: Net	New Mexico	_	Phone #:	d		
	SIMON RENDAN	ષ્ટ	Fart	u	J	
		MATRIX	PRESERV. SAMPLING		X	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	Chlon BIEX	TPHE	
The Stand SP 3	SP 30@SURFACE	# G س ۲ C S	K 6/4/24	10:12AM / /		
JU SP 3	SP 30@1'		-	10:26AM 🗸 🖌	<	
TK SP 3	SP 30@2'		6/4/24	10:41AM /	•	
	SP 30@3'			10:56AM	< -	
T SP 3	SP 30@4'		6/4/24	11:12AM / /	•	
JS SP 3	SP 30@5'		6/4/24	11:24AM	<	
	SP 31@SURFACE		6/4/24	11:38AM	•	
0	SP 31@1'		6/4/24	11:55AM / /	、	
SI SP 3	SP 31@2'		6/4/24	12:45PM / /	、	
C	SP 31@3'		6/4/24	1:10PM / /	<	
LEASE NOTE: Liability and Damages Ca nailyses All claims including those for neg ervice. In no event shall Cardinal be liable	S: Cardinai's liability and cliant's exclusive remedy for any it negligence and any other cause whatsoever shall be dea liable for incidental or consequental damages, including w	ny claim arising whether based in contract or tort, shall be in deemed waived unless made in writing and received by Caro without limitation, business interruptions, loss of usel, or log	a) and	to the amount paid by the client for the within 30 days after completion of the applicable rofits inclured by client its subsidiaries.		
Relinquished By:	Time ginn	Received By:	Henr	Phone Result: Yes Fax Result: Yes REMARKS:	s 🗆 No Add"I Phone #: s 🗆 No Add"I Fax #:	
Relinquished By: Delivered By: (Circ	(Circle One) - JU-O;	Receive	CHECKED BY:	x project	t nound condition	· shotephul
Sampler - UPS - Bus	Bus - Other:	A Yes Yes	5		C	one on

Page 119 of 119

Company Name:			BILL TO	ANALYSIS	IS REQUEST
Project Manager:	er: Cliff Brunson	P.O. #:	-		
Address: P.O.). Box 805	Company:	any: Oxy		
city: Hobbs	State: NM	Zip: 88241 Attn:			
Phone #: 575-	575-397-6388 Fax #: 57	575-397-0397 Address:	SS		
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:	٩	
Project Location:	on: New Mexico	10-4-33 Phone		d	
Sampler Name:	SIMON RENDAN	he filled det	P.C.	-	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	XI	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE:	ICE / COOL OTHER : DATE	Chlon BIEX TPHES	
8.3	SP 31@4'	.5	6/4/24 1:	1:27PM / / /	
a l	SP 31@5'		_	<	
SS	SP 32@SURFACE			•	
ale	SP 32@1'		6/4/24 2:21PM	•	
Es.	SP 32@2'		6/4/24 2:40PM	•	
88	SP 32@3'		6/4/24 3:02PM	PPM v v v	
68	SP 32@4'		6/4/24 3:17PM	•	
QD	2@5'		6/4/24 3:29	3	
	those for negligence and any other cause dmal be liable for incidental or consequent out of or related to the performance of ser	•whatsoever shall be deemed waived unless made in writing and income by Cardia tal damages, including without limitation, business interruptions, loss of use, or loss, recess thereinded by Cardinal legaddess, of whether such claims is based upon and and process thereinded by Cardinal legaddess, of whether such claims is based upon and and and and an and an another such as the subscription of the subs	Cardinal-within 30 days after completion of the applicable viloss of plofts incurred by client, its subsidiaries, a proof the above stated statement or phonement.	edion of the applicable sublicitaties	
Relinquished By:	Time 200 th	The South	CONC Fax REAL	Phone Result: Yes No Add'I Phone #: Fax Result: Yes No Add'I Fax #: REMARKS:	9 # :
Relinquishert By	altho	Received By:	×	project name coepection	corepection
Delivered By: Sampler - UPS	- Bus - Other:	Sample Condition Cool Intact	(Initials)	per cusioner	Redeancert



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.

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. Keine

Celey D. Keene Lab Director/Quality Manager



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:	7/15/22,7/22/22,8/25/22,2/25/23,10/04/	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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	121	% 49.1-14	8						

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

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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:	7/15/22,7/22/22,8/25/22,2/25/23,10/04/	Sample Received By:	Shalyn Rodriguez
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	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	128	% 49.1-14	8						

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 whatsoever 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 relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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:	7/15/22,7/22/22,8/25/22,2/25/23,10/04/	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SP 15 @ 4' (H243970-03)

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	97.1	% 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	144	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	129	% 48.2-13	4						
Surrogate: 1-Chlorooctadecane	130	% 49.1-14	8						

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 whatsoever 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 relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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:	7/15/22,7/22/22,8/25/22,2/25/23,10/04/	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SP 21 @ 5' (H243970-04)

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	96.5	% 71.5-13	4						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d 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	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	07/05/2024	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

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 whatsoever 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 relate only to the sample identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 clent'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 whatscever 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 whose of use, or loss of profits incurred by client, its subsidiaries, affiliates or successor 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 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

Celey D. Keene, Lab Director/Quality Manager



	(505) 393-2326 FAX (505) 393-2476	76				
Company Name:	 BBC International, Inc. 		BILL TO		ANALYSIS REQUEST	-
Project Manage	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:			
Project #:	Project Owner: Oxy	ar: Oxy	City:			_
Project Name:	Project Name: CEDAR CANYON WTF 7/15/22,7/22/22,8/25/22,2/25/23,10/04/23,3/6/24	5/22,2/25/23,10/04/23,3/6/24	State: Zip:	le		
Project Location:	n: New Mexico		Phone #:	0		
Sampler Name:	SIMON RENDAN		Fax #:			
FOR LAB USE ONLY			PRESERV. SAMPLING	EX X		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	m	Chie BIE		
The later	SP 5 @4'	G1 Y	7/1/24 9:20am 7/1/24 9:48am	am < < < <		
tmo	SP 15@4' SP 21@5'		7/1/24 10:- 7/1/24 10:-	10:12am v v v 10:40am v v v		
PLEASE NOTE: Lisbilly analyses All claims inclu service in no event shall	PLACE NOTE: Libitily and Damages Cautional's lubitily and clear's exclusive remedy for any clean answing whether based in contract or for, shall be limited to the amount paid by the client for the analyses. All claims including those for nogligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cautinal within 30 days alter completion of the applicable analyses. All claims including those for nogligence and any other cause whatsoever shall be deemed waved unless made in writing and received by Cautinal within 30 days alter completion of the applicable service in not event shall Caudinal be liable for incidential or consequential damages, including withing dimbud inmitted to based uses of both no other associations service.	er any claam ansing winisther based in contract or tort, shall be be generated warved unless made in writing and received by Ca ang without inmitation, business interruptions, loss of use, or to a support of the standard of the standard or of the	justs exclusive remedy for any claim ansing whether based in contract or too, shall be limited to the amount paid by the client for the r cause whatsoever shall be deemed wavved unless made in writing and received by Cardinal writins 30 days also completion of the a requestival damages, including writing window in baseves enterriptions, loss of use, of oses of polis incounted by client as subsidiaries requestival damages, including writing window in the save users in the save users and the above stated reasons or otherwise.	paid by the client for the affer completion of the applicable by client its substationes, reasons or otherwise.		
Relinquished By	And the performance of services hereineder to any: Any: Pate 3-24 Time 3-24 Time 3-24	Received By:	KION I KI Fa	Phone Result: Yes No Fax Result: Yes No REMARKS:	Add'l Phone #: Add'l Fax #:	
Relinquished By		Received By:	0	all hour	et a	
Delivered B Sampler - UPS	Delivered By: (Circle One) 3-3: Sampler - UPS - Bus - Other:	Sample Condition Cool Intact PY65 PYes No No No	tion CHECKED BY: (Initials) (Initials)			

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

Page 7 of 7



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_accred_certif.html.

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

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

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

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

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. Keine

Celey D. Keene Lab Director/Quality Manager



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	Reported: 23-Jul-24 15:25
--	--	------------------------------

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.

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15Project Manager:Cliff BrunsonFax To:(575) 397-0397							Reported: 23-Jul-24 15:2	25	
			BOUND H2442)ARY 1 90-01 (So	0					
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	4071903	AC	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	ЛН	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	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397								25
			DARY 2 290-02 (So	0					
		112-11	290 02 (50	iiu)					
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardin	al 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 802	1							
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)	117 %	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		119 %	48.2	-134	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane		118 %	49.1	-148	4071809	MS	18-Jul-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397								25
			DARY 3	0					
		H244	4290-03 (So	lid)					
Analyte	Result	MDL Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardi	nal Laborat	tories					
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 802	1							
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	ЛН	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)	103 %	5 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 %	6 48.2	-134	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane		120 %	<i>49.1</i>	-148	4071809	MS	18-Jul-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397								25	
				DARY 4 90-04 (So	0					
			112 1 12	50 01 (50	iiu)					
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 80	21								
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)		116 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397								25	
				DARY 5 290-05 (So	\bigcirc					
					iiu)					
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 EPA Method 8	021								
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	ЛН	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	ЛН	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		122 %	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			115 %	48.2	-134	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			113 %	49.1	-148	4071809	MS	18-Jul-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397								
			UNDARY 6 244290-06 (So	0					
)					
Analyte	Result	MDL Reporting MDL Limit	g Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Car	dinal Labora	tories					
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 802	1							
Benzene*	< 0.050	0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050	0.050	mg/kg	50	4071808	ЛН	18-Jul-24	8021B	
Ethylbenzene*	< 0.050	0.050	mg/kg	50	4071808	ЛН	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	0% 71.5	-134	4071808	ЛН	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	-134	4071809	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane		127	7 % 49.1	-148	4071809	MS	18-Jul-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project: CEDAR CANYON WTF Reported: 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								25
			DARY 7 290-07 (So	-					
		11244	270-07 (50	iiu)					
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardin	al 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 802	1							
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	ЈН	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)	128 %	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		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397								25
			DARY 8	0					
		H244	290-08 (So	na)					
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardin	al 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 802	1							
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	ЛН	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project: CEDAR CANYON WTF Reported: 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									25
				DARY 9 90-09 (So	-					
			112442	00-07 (30	iiu)					
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	s by EPA Method 80	21								
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	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			100 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			BOUND H2442	ARY 10 90-10 (So	0					
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 8	021								
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)		120 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project: CEDAR CANYON WTF Reported: 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									
				OARY 11 290-11 (Sol	0					
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 EPA Method 802	1								
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	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			89.1 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			90.5 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397									25
				ARY 12 90-12 (So	0					
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 802	21								
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)		111 %	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			89.3 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			89.4 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project: CEDAR CANYON WTF Reported: 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									
				ARY 13 290-13 (So	0					
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	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	21								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	JH	18-Jul-24	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	4071808	ЛН	18-Jul-24	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071808	ЛН	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	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project: CEDAR CANYON WTF Reported: 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									25
				OARY 14 290-14 (So	0					
			Reporting							
Analyte	Result	MDL	Ĺimit	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 EPA Method 802	21								
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	ЛН	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071808	ЛН	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (Pl	D)		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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397									25
				ARY 15 90-15 (So	0					
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	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 80	21								
Benzene*	< 0.050		0.050	mg/kg	50	4071808	ЛН	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)		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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397									
			BOUND H2442	ARY 16 90-16 (So	0					
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 802	21								
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	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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397									25
) ARY 17 290-17 (So	0					
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	s by EPA Method 80	21								
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)		96.1 %	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			101 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			102 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397									25
				ARY 18 90-18 (So	\circ					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Inorganic Compounds										
Chloride	128		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compound	s by EPA Method 802	21								
Benzene*	< 0.050		0.050	mg/kg	50	4071816	ЛН	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	ЛН	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071816	JH	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (P.	ID)		96.5 %	71.5	-134	4071816	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397									25
				ARY 19 90-19 (So	0					
)					
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	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	s by EPA Method 8	021								
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	ЛН	18-Jul-24	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	4071816	ЛН	18-Jul-24	8021B	
Surrogate: 4-Bromofluorobenzene (PL	D)		96.2 %	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			109 %	48.2	-134	4071810	ms	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			111 %	49.1	-148	4071810	ms	18-Jul-24	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project:CEDAR CANYON WTFReported:Project Number:7/18/22,7/22/22,8/25/22,2/25/23,:23-Jul-24 15:25Project Manager:Cliff BrunsonFax To:(575) 397-0397								
			OARY 20 290-20 (So	\bigcirc					
Analyte	Result	Reporting MDL Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
		Cardina	al Laborat	ories					
Inorganic Compounds	<i><</i> 1.0	16.0		4	4071010	СТ	19-Jul-24	4500-Cl-B	
Chloride	64.0	16.0	mg/kg	4	4071910	CI	19-Jul-24	4500-CI-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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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						Reported: 23-Jul-24 15:25			
BOUNDARY 21 @ 1' H244290-21 (Solid)										
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
Cardinal Laboratories										
Inorganic Compounds										
Chloride	80.0		16.0	mg/kg	4	4071910	CT	19-Jul-24	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	21								
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)		96.8 %	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			120 %	48.2	-134	4071734	MS	18-Jul-24	8015B	
Surrogate: 1-Chlorooctadecane			129 %	<i>129 % 49.1-148 4071734</i>		MS	18-Jul-24	8015B		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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							Reported: 23-Jul-24 15:25			
BOUNDARY 22 @ 1' H244290-22 (Solid)											
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes	
Cardinal Laboratories											
Inorganic Compounds									4.500 CL D		
Chloride	64.0		16.0	mg/kg	4	4071905	AC	19-Jul-24	4500-Cl-B		
Volatile Organic Compounds	by EPA Method 8	021									
Benzene*	< 0.050		0.050	mg/kg	50	4071816	JH	18-Jul-24	8021B		
Toluene*	< 0.050		0.050	mg/kg	50	4071816	ЛН	18-Jul-24	8021B		
Ethylbenzene*	< 0.050		0.050	mg/kg	50	4071816	ЛН	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))		96.7 %	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		

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805		CEDAR CANYON WTF 7/18/22,7/22/22,8/25/22,2/25/23,: Cliff Brunson	Reported: 23-Jul-24 15:25
Hobbs NM, 88241	, ,	(575) 397-0397	

Inorganic Compounds - Quality Control

		Cardin	nal Lab	oratories						
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 4071903 - 1:4 DI Water										
Blank (4071903-BLK1)				Prepared &	Analyzed:	19-Jul-24				
Chloride	ND	16.0	mg/kg							
LCS (4071903-BS1)				Prepared &	Analyzed:	19-Jul-24				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4071903-BSD1)				Prepared &	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 &	Analyzed:	19-Jul-24				
Chloride	ND	16.0	mg/kg							
LCS (4071905-BS1)				Prepared &	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 &	Analyzed:	19-Jul-24				

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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	Reported: 23-Jul-24 15:25							
Inorganic Compounds - Quality Control									

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4071910 - 1:4 DI Water										
LCS Dup (4071910-BSD1)				Prepared &	k Analyzed:	19-Jul-24				
Chloride	448	16.0	mg/kg	400		112	80-120	3.64	20	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project Number: 7 Project Manager: 0	CEDAR CANYON WTF 7/18/22,7/22/22,8/25/22,2/25/23,: Cliff Brunson (575) 397-0397	Reported: 23-Jul-24 15:25
--	---	--	------------------------------

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 &	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							
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 &	Analyzed:	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 &	Analyzed:	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

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 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			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. P.O. Box 805 Hobbs NM, 88241	Project Number: 7 Project Manager: 6	CEDAR CANYON WTF 7/18/22,7/22/22,8/25/22,2/25/23,: Cliff Brunson (575) 397-0397	Reported: 23-Jul-24 15:25
--	---	--	------------------------------

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal La	boratories
--------------------	------------

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4071734 - General Prep - Organics										
Blank (4071734-BLK1)				Prepared: 1	17-Jul-24 A	nalyzed: 18	3-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: 1	17-Jul-24 A	nalyzed: 18	3-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-05
Surrogate: 1-Chlorooctadecane	74.1		mg/kg	50.0		148	49.1-148			
LCS Dup (4071734-BSD1)				Prepared: 1	7-Jul-24 A	nalyzed: 18	3-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	
Surrogate: 1-Chlorooctane	66.2		mg/kg	50.0		132	48.2-134			
Surrogate: 1-Chlorooctadecane	75.3		mg/kg	50.0		151	49.1-148			S-05
Batch 4071809 - General Prep - Organics										
Blank (4071809-BLK1)				Prepared &	z Analyzed:	18-Jul-24				

Blank (4071809-BLK1)				Prepared & Anal	lyzed: 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	

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



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	Reported: 23-Jul-24 15:25
--	--	------------------------------

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
-	reesure	Linit	omis	Lever	result	Juitee	Linns	Iu D	Linit	110105
Batch 4071809 - General Prep - Organics										
LCS (4071809-BS1)				Prepared &	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	53.9		mg/kg	50.0		108	48.2-134			
Surrogate: 1-Chlorooctadecane	55.5		mg/kg	50.0		111	49.1-148			
LCS (4071810-BS1)				Prepared &	Analyzed:	18-Jul-24				
GRO C6-C10	195	10.0	mg/kg	200		97.7	66.4-123			
DRO >C10-C28	176	10.0	mg/kg	200		87.8	66.5-118			
Total TPH C6-C28	371	10.0	mg/kg	400		92.7	77.6-123			
Surrogate: 1-Chlorooctane	59.6		mg/kg	50.0		119	48.2-134			
Surrogate: 1-Chlorooctadecane	58.9		mg/kg	50.0		118	49.1-148			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager



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	Reported: 23-Jul-24 15:25	
--	--	------------------------------	--

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 4071810 - General Prep - Organics										
LCS Dup (4071810-BSD1)				Prepared &	& Analyzed:	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			
Surrogate: 1-Chlorooctadecane	57.3		mg/kg	50.0		115	49.1-148			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

Received by OCD: 2/7/2025 8:00:07 PM

Relinquis Delivered By: Relinquished By: Sampler - UPS -1 Project Name: SAND DUNES S. CORRIDOR N. 1 118/22 71/22/22, 8/25/22 LEASE NOTE city: Hobbs Project Cedar Cauyon (Project Owner: Oxy Phone #: 575-397-6388 Address: P.O. Box 805 Project Manager: Cliff Brunson Company Name: 24420 ampler Name: Lab I.D. Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 Ω 160 0 RDINAL LABORATORIES BOUNDARY 10@ BOUNDARY 9@1 BOUNDARY 8@1 BOUNDARY 7@1 BOUNDARY 6@1 BOUNDARY 5@1 BOUNDARY 4@1' BOUNDARY 3@1' BOUNDARY 2@1' BOUNDARY 1@1 Bus - Other: Circle One (505) 393-2326 FAX (505) 393-2476 101 East Marland, Hobbs, NM 88240 CLIFF BRUNSON BBC International, Sample I.D. 202 Date: 18-20 Date; M-24 Timetoo Time: 800tml * 40 10.0 Fax #: 575-397-0397 , Inc. State: NM WTR POLISH CTB Received By: Received By GRAB OR (C)OMP Zip: # CONTAINERS SAUGE 88241 GROUNDWATER Cool Intact and 6 Sample Condition 0 WASTEWATER MATRIX SOIL (2/24/21) 8 OIL SLUDGE en State: OTHER City: Fax #: Phone #: Attn: Address: Company: P.O. #: ACID/BASE PRESERV CHECKED BY: ICE / COOL Ð (Initials) OTHER BILL TO Oxy 7/16/24 7/16/24 7/16/24 7/16/24 7/16/24 7/16/24 7/16/24 7/16/24 7/16/24 7/16/24 Zip DATE SAMPLING Phone Result: Fax Result: REMARKS: 10:26AM 9:58AM 9:51AM 9:45AM 9:40AM 9:30AM 10:20AM 10:16AM 10:10AM 10:05AM * CHAIN-OF-CUSTODY AND ANALYSIS REQUEST & Spill site Date Change. TIME of the Justonies requested name ٩, ۲ ٩ 5 ٩, ٩ 5 ٢ ۲ 5 ٩ ٩, 5 Yes ٩ ٩ ٩, ٢, 5 ۲ 5 < 5 0 Add'l Phone #: Add'l Fax #: ANALYSIS REQUEST 40.7/23/24

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 34 of 35

Ves INO Addi Phone #: Nes Jegrusale Mam hauses: 1/23/24			TT	LI NO LI NO	" IQU		
Yes D			Ē	Aves Aves	井 ニ ナ	- Bus - Other:	Sampler - UPS -
Yes D	¢	L'a	CHECKED BY: (Initials)	Sample Condition (Cool Intact	100	(Circle One)	Delivered By: (Circle One)
Yes I No	+ 10101	35		n in	Time	walt Long	6
Yes I No	5	KD.		Received By:	Dater 1074 Rec	Man 1	Relinquished By
		Phone Result: Fax Result: REMARKS:	6	Received By:	Time 2. MAM	Land	MWW
		ler completion of t client, its subsidia asons or otherwo	y Cardinal within 30 days after completion of the a or loss of profits incurred by chent. Its subsidiaries on any of the above stated reasons or otherwise.	ade in writing and received b iss interruptions, loss of ether such claim is based up	cause whatsoever shall be deemed quental damages, including without of services hereunder by Cardinal,	ig mose for negligence and any other ca ardinal boliable for incidental or consequing out of ortrelated to the performance of	analyses. All claims including mose t service. In no event shall Cardinal be affiliates or successors ansing out of
x x		11:51AM	be limited to the amount p	arising whether based in contract or fort, shall	rs exclusive remedy for any claim	BOUNDARY 20@1 d Damages Cardinal's liability and cline	PLEASE NOTE: Liability an
•	٩	11:40AM	7/16/24		-	BOUNDARY 19@1	24
•	、	11:30AM	7/16/24			BOUNDARY 18@1	50
•	•	11:20AM	7/16/24			BOUNDARY 17@1'	J
< <	•	11:10AM	7/16/24			BOUNDARY 16@1'	6
•	、	10:57AM	7/16/24			BOUNDARY 15@1'	5
< < <	<	10:52AM	7/16/24			BOUNDARY 14@1'	, L
	<	10:45AM	7/16/24		-	BOUNDARY 13@1	U.
	<	10:40AM	7/16/24			BOUNDARY 12@1	17
1.1	~ ~	10:32AM	7/16/24	7		BOUNDARY 11@1	1
TPHE	Chlon	TIME	OTHER :	# CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE:	(G)RAB OR (C)OMF	Sample I.D.	Lab I.D.
XX	ŷ	LING	PRESERV. SAMPLING	MATRIX PRI	5,		FOR LAB USE ONLY
1	i			Fax #:	NO	CLIFF BRUNSON	Sampler Name:
	de		:#e	4/2	22, 2/25	S New Mexico	0
	<u>)</u>			SH CTR /0/04/04/	Project Owner: Oxy	dar laugh WT	Project #:+
			SS:	7-0397 Address	Fax #: 575-397-0397	397-6388	Phone #: 575-397-6388
				88241	State: NM Zip:		city: Hobbs
	_		any: Oxy	Company:		. Box 805	Address: P.O.
			-	P.O. #:		er: Cliff Brunson	Project Manager:

Site

Released to Imaging: 2/10/2025 8:34:02 AM

Company Name: BBC International, Inc.

BILL TO

ANALYSIS REQUEST

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs NM 88240

|--|

Company Name: BE	BBC International, Inc.	76	BILL TO		
Project Manager: Cliff Brunson	iff Brunson	P.O.	売		
Address: P.O. Box 805		Co	Company: Oxy		
H	State:	41	IN:		
Project # Codes Co	Fax #:	0397	Address:		
Project Name: SAND	Project Name: SAND DUNESS CORRIDOR N WI	WTR BOUSH CTB (2/2/12) State:	ate: Zip:	٩	
Project Location: Ne	0		*	d	
Sampler Name: CL	CLIFF BRUNSON	2/6/24 Fax	Fax #:	u T	
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	4 V	
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP CONTAINERS GROUNDWATER NASTEWATER GOIL DIL SLUDGE DTHER :	CID/BASE: CE / COOL DTHER :	Chlor BTE TRHE	
-	BOUNDARY 21@1'		V 7/16/24	12:05PM / / /	
12 BOU	BOUNDARY 22@1'	<		12:11PM 🗸 🗸	
PLEASE NOTE: Liability and Damages analyses All claims including more for another thin constraints for the Constraints in the	billy and Damages. Cardinal's stability and clearts exclusive remedy for any claim arising whether based in contract or text soal be limited to the amount pauli by the client for the including those for negligence and any other cause whatloever shall be deemed waived unless made in writing and accessed soal be limited to the amount pauli by the client for the shall cardinal to the be included to the completence of the papelicable shall cardinal be likely of completence of the papelicable shall be included to the shall be included to the source to creat a source of the papelicable shall be included to the source to creat a source of the papelicable shall be included to the source to creat a source to creat	v Gam arsing a hefter based in contract of test of end received an arcsing a hefter based in writing and received analysis and analysis without and received analysis of the second waved unless made in writing and received analysis of the second se	shall be limited to the amount paid by the client for the end by Careford within 30 other amount paid by the client for the are careford in which some the complete on the are careford in which the source the client are concerned to the careford of the source of the source of the source of the area careford and the source of the sou	a clean for the	
review in no event shall Cardvial be liable for incidential or con filiates or successions arising out of or related to UNE vertormar	Time: Con fuel	Received By:	Faa Ree	Phone Result: Yes No Fax Result: Yes No REMARKS: No	Add Phone #: Add Fax #:
Relinquister By: Relinquister By:	Date:	Received By:	*		& Changes.
Relinquished By: Relinquished By: Relinquished By: Relinquished By: Colored By: Relinquished By: Relinquishe	in	Received By: Sample Condition		into Tate Che	25 1-5



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.tceg.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	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)

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. Keine

Celey D. Keene Lab Director/Quality Manager

٦



Analytical Results For:

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: Project Number: Project Manager: 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.

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705								Reported: 30-Jan-25 17:(01	
				01 0.5' 463-01 (Se	oil)					
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	5012819	HM	28-Jan-25	4500-Cl-B	
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5012719	ЛН	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	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			99.2 %	48.2	-134	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			100 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CEDAR CANYON WTF Reported: Project Number: 03B1417269 30-Jan-25 17: Project Manager: HADLIE GREEN Fax To:								01	
				02 0.5' 463-02 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	tories					
Inorganic Compounds Chloride	288		16.0	mg/kg	4	5012819	HM	28-Jan-25	4500-Cl-B	
			16.0	mg/kg	4	5012819	пм	28-Jan-23	4300-СІ-В	
Volatile Organic Compounds		021								
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 (PL	D)		123 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CEDAR CANYON WTF Reported: Project Number: 03B1417269 30-Jan-25 17: Project Manager: HADLIE GREEN Fax To:							01		
				03 0.5' 463-03 (Se	oil)					
Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	l Laborat	ories					
<u>Inorganic Compounds</u> Chloride	272		16.0	mg/kg	4	5012822	KV	28-Jan-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	5012719	JH	27-Jan-25	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	5012719	ЛН	27-Jan-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5012719	ЛН	27-Jan-25	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	5012719	ЈН	27-Jan-25	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	5012719	ЛН	27-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (PII	D)		125 %	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			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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CEDAR CANYON WTF Reported: Project Number: 03B1417269 30-Jan-25 17:C Project Manager: HADLIE GREEN Fax To:							01		
				04 0.5' 463-04 (Se	oil)					
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	5012822	KV	28-Jan-25	4500-Cl-B	
Volatile Organic Compound	ls by EPA Method 80	021								
Benzene*	< 0.050		0.050	mg/kg	50	5012719	ЛН	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	ЈН	27-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (P	PID)		122 %	71.5	-134	5012719	JH	27-Jan-25	8021B	
Petroleum Hydrocarbons by	y 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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CEDAR CANYON WTF Reported: Project Number: 03B1417269 30-Jan-25 17:01 Project Manager: HADLIE GREEN Fax To:								01	
				05 0.5' 163-05 (Se	oil)					
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	5012822	KV	28-Jan-25	4500-Cl-B	
		21	10.0	ing/kg		5012022	ii v	20 5411 25	1500 61 B	
Volatile Organic Compounds Benzene*	<0.050	21	0.050	mg/kg	50	5012719	ЛН	27-Jan-25	8021B	
Toluene*	<0.050		0.050	mg/kg	50	5012719	л	27-Jan-25	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	5012719	ЛН	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 (Pl	D)		121 %	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			102 %	48.2	-134	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			101 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705								Reported: 30-Jan-25 17:	01	
				06 0.5' 163-06 (Se	oil)					
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	5012822	KV	28-Jan-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	021								
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	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705								Reported: 30-Jan-25 17:	01	
				07 0.5' 463-07 (Se	oil)					
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	5012822	KV	28-Jan-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 802	21								
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 (PL	D)		117 %	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			129 %	48.2	-134	5012721	MS	28-Jan-25	8015B	_
Surrogate: 1-Chlorooctadecane			131 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: CEDAR CANYON WTF Reported: Project Number: 03B1417269 30-Jan-25 17 Project Manager: HADLIE GREEN Fax To:								01	
				08 0.5' 463-08 (So	oil)					
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	5012822	KV	28-Jan-25	4500-Cl-B	
Volatile Organic Compounds	by EPA Method 8	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	ЈН	27-Jan-25	8021B	
Surrogate: 4-Bromofluorobenzene (PII))		123 %	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			106 %	48.2	-134	5012721	MS	28-Jan-25	8015B	
Surrogate: 1-Chlorooctadecane			104 %	49.1	-148	5012721	MS	28-Jan-25	8015B	

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 &	k 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 &	z 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 &	k Analyzed:	28-Jan-25				
Chloride	ND	16.0	mg/kg							
LCS (5012822-BS1)				Prepared &	k Analyzed:	28-Jan-25				
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (5012822-BSD1)				Prepared &	k Analyzed:	28-Jan-25				
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



ENSOLUM, LLC 705 W WADLEY AVE. MIDLAND TX, 79705	Project: Project Number: Project Manager: Fax To:		Reported: 30-Jan-25 17:01
--	--	--	------------------------------

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 5012719 - Volatiles										
Blank (5012719-BLK1)				Prepared &	Analyzed:	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 &	Analyzed:	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 &	Analyzed:	27-Jan-25				
Benzene	2.22	0.050	mg/kg	2.00		111	82.8-130	7.79	15.8	
Toluene	2.26	0.050	mg/kg	2.00		113	86-128	10.2	15.9	
Ethylbenzene	2.31	0.050	mg/kg	2.00		116	85.9-128	11.3	16	
m,p-Xylene	4.54	0.100	mg/kg	4.00		113	89-129	11.4	16.2	
o-Xylene	2.34	0.050	mg/kg	2.00		117	86.1-125	10.6	16.7	
Total Xylenes	6.88	0.150	mg/kg	6.00		115	88.2-128	11.1	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0553		mg/kg	0.0500		111	71.5-134			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



705 W WADLEY AVE. Project Number: 03B1417269 30-Jan-25 17:01 MIDLAND TX, 79705 Project Manager: HADLIE GREEN Fax To: Fax To:		705 W WADLEY AVE.Project NumberMIDLAND TX, 79705Project Manager	er: HADLIE GREEN	Reported: 30-Jan-25 17:01
--	--	---	------------------	------------------------------

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 5012721 - General Prep - Organics										
Blank (5012721-BLK1)				Prepared &	analyzed:	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 &	z Analyzed:	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 &	Analyzed:	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
Surrogate: 1-Chlorooctane	68.8		mg/kg	50.0		138	48.2-134			S-0
Surrogate: 1-Chlorooctadecane	67.7		mg/kg	50.0		135	49.1-148			

Cardinal Laboratories

*=Accredited Analyte

Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



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 SM4500CI-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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

2	
Lat	CA
Dora	R
ato	ž
ries	AL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

P.O. #: Company: Oxy USA, Inc. Attn: Wade Dittrich Address: City: State: Zip: Phone #: 575-390-2828 Fax #:
any: Oxy USA, Inc. Wade Dittrich ss: Zip: #: 575-390-2828
Wade Dittrich ss: Zip: #: 575-390-2828
ss: Zip: #: 575-390-2828
Zip: #: 575-390-2828
Zip: #: 575-390-2828
#: 575-390-2828
ESERV SAMPLING
2 15
: ASE: POL
TPH
X Haslas to the X X X
10
1001
2
1 50551
14:11 × × 1
AS 13:
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based is non-transmission whether based is non-transmission.
affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless inducting without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, Refining ut of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.
Verbai Result: Yes No Add'I Phone #: All Results are emailed. Please provide Email advance.
BJennings@ensolum.com
marks: * Custoner
1
(Initials) #140 O'LO (RI
Cardinal cannot accent to No O Corresson Festor 305°C APANS

Page 338 of 345

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Page	220	of 2	15
ruge	339	UJ S	43

QUESTIONS

Action 429734

QUESTIONS				
Operator: OXY USA INC	OGRID: 16696			
P.O. Box 4294 Houston, TX 772104294	Action Number: 429734			
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)			

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2327858634
Incident Name	NAPP2327858634 CEDAR CANYON WATER TREATMENT FACILITY @ 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

ease answer all the questions in this group.
--

Site Name	CEDAR CANYON WATER TREATMENT FACILITY
Date Release Discovered	10/04/2023
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 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 Tank (Any) Produced Water Released: 20 BBL Recovered: 10 BBL Lost: 10 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.		

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Pag	0 3	210	at	° 2	15
1 48	6 5	70	IJ	0	τJ

QUESTIONS, Page 2

Action 429734

QUESTIONS (continued)		
Operator:	OGRID:	
OXY USA INC	16696	
P.O. Box 4294	Action Number:	
Houston, TX 772104294	429734	
	Action Type:	
	[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	No	
Reasons why this would be considered a submission for a notification of a major release	Unavailable.	
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 s	afety hazard that would result in injury.
The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.
to report and/or file certain release notifications and perform corrective actions for releated to a corrective actions for releated to a corrective actions have failed to a correct descent actions have failed to a correct descent action of the correct actions have failed to a correct action of the correct actions action a	knowledge and understand that pursuant to QCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 02/07/2025

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Page 341 of 345

QUESTIONS, Page 3

Action 429734

Operator: OXY USA INC	OGRID: 16696	
P.O. Box 4294 Houston, TX 772104294	Action Number: 429734	
	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 approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Less than or equal 25 (ft.)	

QUESTIONS (continued)

release in feet below ground surface (ft bgs)		
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 and 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	Νο	

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.			
Requesting a remediation plan approval with this submission	Yes		
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.			
Have the lateral and vertical extents of contamination been fully delineated	Yes		
Was this release entirely contained within a lined containment area	No		
Soil Contamination Sampling: (Provide the highest observable value for each, in mi	lligrams per kilograms.)		
Chloride (EPA 300.0 or SM4500 Cl 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 which includes the anticipated timelines for beginning and completing the remediation.	l efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,		
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		
On what date will (or was) the remediation complete(d)	08/05/2025		
What is the estimated surface area (in square feet) that will be reclaimed	58430		
What is the estimated volume (in cubic yards) that will be reclaimed	8650		
What is the estimated surface area (in square feet) that will be remediated	58430		
What is the estimated volume (in cubic yards) that will be remediated	8650		
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.			

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

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUEST	ONS (continued)
Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696 Action Number: 429734
	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	e / 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 er which includes the anticipated timelines for beginning and completing the remediation.	forts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC,
to report and/or file certain release notifications and perform corrective actions for release the OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface t does not relieve the operator of responsibility for compliance with any other federal, state, or
I hereby agree and sign off to the above statement	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.

Page 342 of 345

QUESTIONS, Page 4

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Page 3	43 o	f 345
--------	------	-------

QUESTIONS, Page 5

QUESTIONS (continued)		
Operator:	OGRID:	
OXY USA INC	16696	
P.O. Box 4294	Action Number:	
Houston, TX 772104294	429734	
	Action Type:	
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	
OUESTIONS		

QU	ES	10

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	Νο

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTI	ONS (continued)
Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696 Action Number: 429734 Action 2007
	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 re	mediation steps have been completed.
Requesting a remediation closure approval with this submission	No

Page 344 of 345

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

Page	345	of 345	

CONDITIONS

CONDITIONS		
Operator:	OGRID:	
OXY USA INC	16696	
P.O. Box 4294	Action Number:	
Houston, TX 772104294	429734	
	Action Type:	
	[C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)	

COND	DITIONS		
Create	ed By		Condition Date
cryst	stal.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